

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061497.D
 Acq On : 19 May 2020 20:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 20 03:03:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	299854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	564415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	516857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	206080	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
35) Dibromofluoromethane	7.55	113	146570	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.06	98	631228	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	12.37	95	229672	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	120323	48.259	ug/l	98
3) Chloromethane	2.03	50	176365	43.369	ug/l	99
4) Vinyl Chloride	2.16	62	258410	44.400	ug/l	100
5) Bromomethane	2.54	94	142059	48.118	ug/l	99
6) Chloroethane	2.67	64	170052	43.410	ug/l	98
7) Trichlorofluoromethane	2.98	101	314150	44.460	ug/l	97
8) Diethyl Ether	3.37	74	96691	46.980	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	129071	43.927	ug/l	99
10) Methyl Iodide	3.91	142	164142	45.993	ug/l	99
11) Tert butyl alcohol	4.72	59	115927	224.820	ug/l	99
12) 1,1-Dichloroethene	3.70	96	144014	46.855	ug/l	90
13) Acrolein	3.57	56	58255	150.688	ug/l	98
14) Allyl chloride	4.27	41	218255	43.633	ug/l	98
15) Acrylonitrile	4.93	53	349187	228.573	ug/l	99
16) Acetone	3.77	43	253839	220.359	ug/l	99
17) Carbon Disulfide	4.01	76	335357	50.908	ug/l	100
18) Methyl Acetate	4.28	43	140609	45.724	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	552429	47.363	ug/l	97
20) Methylene Chloride	4.50	84	172240	46.831	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	168927	47.663	ug/l	97
22) Diisopropyl ether	5.90	45	507246	45.128	ug/l	98
23) Vinyl Acetate	5.84	43	2039489	228.172	ug/l	97
24) 1,1-Dichloroethane	5.80	63	306375	46.731	ug/l	99
25) 2-Butanone	6.78	43	440840	216.354	ug/l	98
26) 2,2-Dichloropropane	6.77	77	263447	42.152	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	207043	49.455	ug/l	94
28) Bromochloromethane	7.15	49	132967	47.781	ug/l	90
29) Tetrahydrofuran	7.17	42	288696	213.938	ug/l	95
30) Chloroform	7.33	83	338610	49.449	ug/l	98
31) Cyclohexane	7.61	56	220635	37.491	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	301054	48.112	ug/l	98
36) 1,1-Dichloropropene	7.75	75	239419	45.366	ug/l	98
37) Ethyl Acetate	6.88	43	194604	40.660	ug/l	98
38) Carbon Tetrachloride	7.73	117	232052	47.752	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	204796	31.771	ug/l	96
40) Benzene	8.00	78	745507	46.874	ug/l	99
41) Methacrylonitrile	7.16	41	272421	134.762	ug/l #	15
42) 1,2-Dichloroethane	8.08	62	260327	45.432	ug/l	97
43) Isopropyl Acetate	8.13	43	363280	43.519	ug/l #	90
44) Trichloroethene	8.80	130	203126	48.742	ug/l	96
45) 1,2-Dichloropropane	9.08	63	183837	46.180	ug/l	99
46) Dibromomethane	9.17	93	133569	47.862	ug/l	97
47) Bromodichloromethane	9.37	83	276808	47.077	ug/l	98
48) Methyl methacrylate	9.17	41	165803	42.996	ug/l	98
49) 1,4-Dioxane	9.17	88	39497	972.765	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1010781	222.276	ug/l	98
52) Toluene	10.12	92	479930	47.002	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	298940	46.386	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	318261	46.456	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	190965	49.468	ug/l	98
56) Ethyl methacrylate	10.40	69	292221	48.419	ug/l	95
57) 1,3-Dichloropropane	10.68	76	315469	47.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	591154	223.153	ug/l	96
59) 2-Hexanone	10.72	43	726448	220.805	ug/l	98
60) Dibromochloromethane	10.87	129	213260	49.942	ug/l	99
61) 1,2-Dibromoethane	10.98	107	199949	49.262	ug/l	100
64) Tetrachloroethene	10.60	164	167589	41.912	ug/l	100
65) Chlorobenzene	11.41	112	508567	48.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	187026	49.496	ug/l	99
67) Ethyl Benzene	11.48	91	875270	45.494	ug/l	99
68) m/p-Xylenes	11.60	106	669210	91.638	ug/l	97
69) o-Xylene	11.92	106	323721	45.807	ug/l	96
70) Styrene	11.94	104	565688	48.338	ug/l	99
71) Bromoform	12.10	173	135704	46.338	ug/l #	98
73) Isopropylbenzene	12.22	105	777485	42.888	ug/l	99
74) N-amyl acetate	12.04	43	319930	48.215	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	250241	50.173	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	326767	67.439	ug/l #	100
77) Bromobenzene	12.50	156	204227	51.910	ug/l	93
78) n-propylbenzene	12.56	91	865187	41.887	ug/l	98
79) 2-Chlorotoluene	12.65	91	547209	44.821	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	629718	42.425	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	83115	45.504	ug/l	98
82) 4-Chlorotoluene	12.75	91	579568	45.846	ug/l	98
83) tert-Butylbenzene	12.97	119	498236	39.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	659065	44.367	ug/l	99
85) sec-Butylbenzene	13.15	105	643524	37.431	ug/l	99
86) p-Isopropyltoluene	13.26	119	588517	38.549	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	340326	47.267	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	343362	47.618	ug/l	99
89) n-Butylbenzene	13.59	91	493779	35.602	ug/l	99
90) Hexachloroethane	13.85	117	85696	41.418	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	332717	48.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	47938	47.582	ug/l	93

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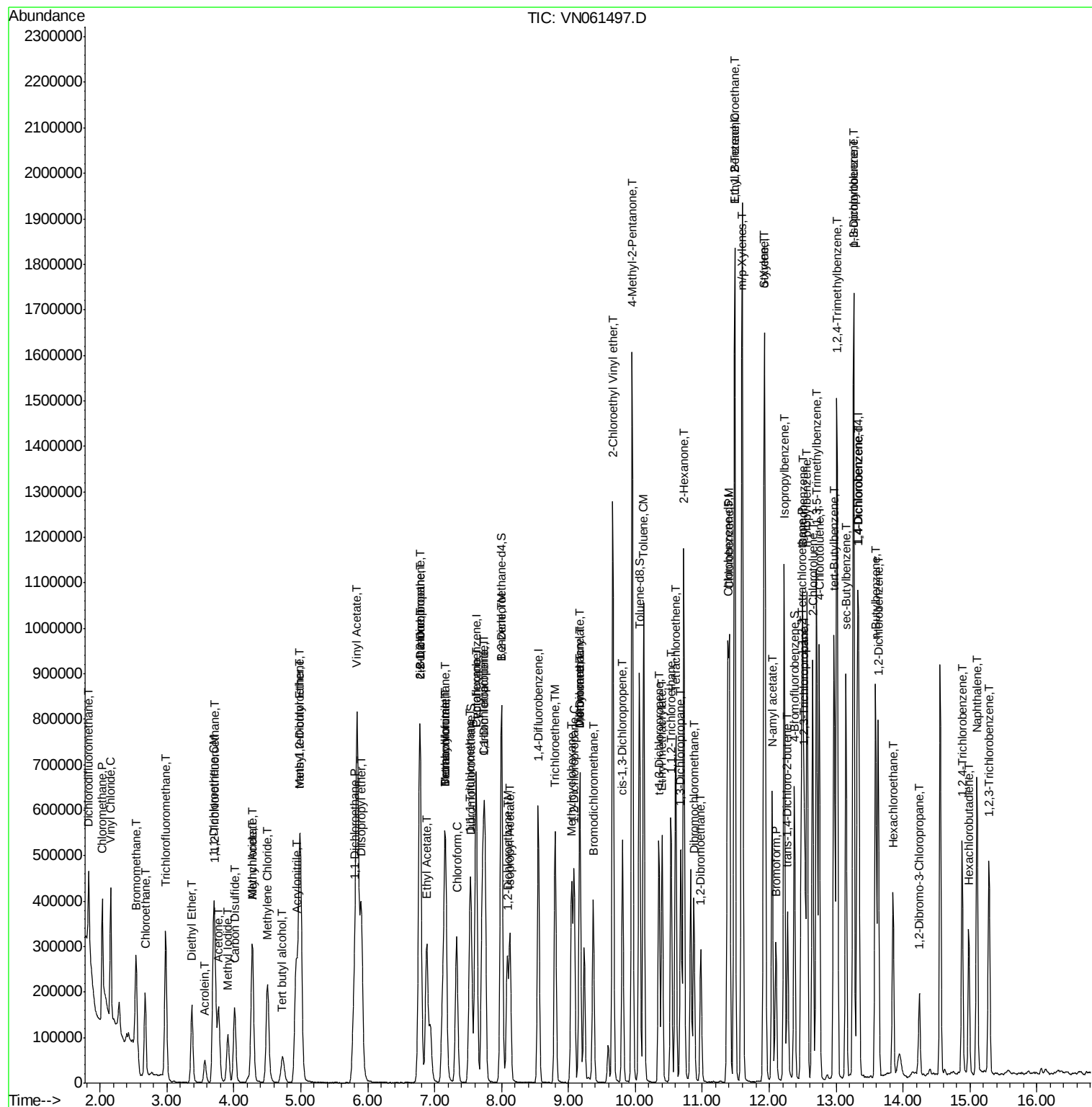
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	155803	41.604	ug/l	98
94) Hexachlorobutadiene	14.99	225	54033	32.473	ug/l	99
95) Naphthalene	15.10	128	560686	47.094	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	152499	40.905	ug/l	99

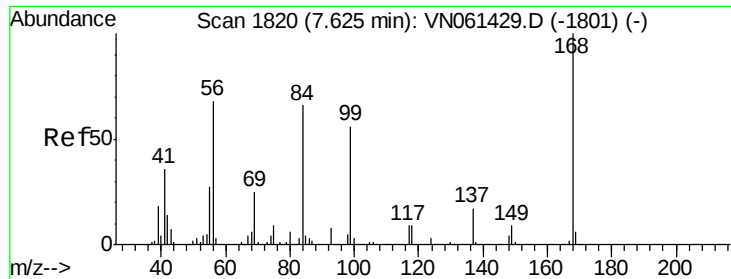
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

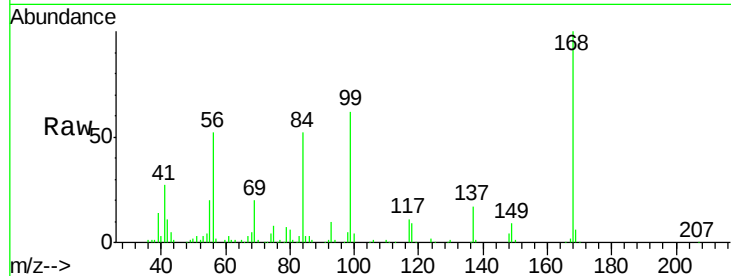
VSTDCCC050EC

Tot Ion:168 Resp: 299854

Ion Ratio Lower Upper

168 100

99 61.4 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

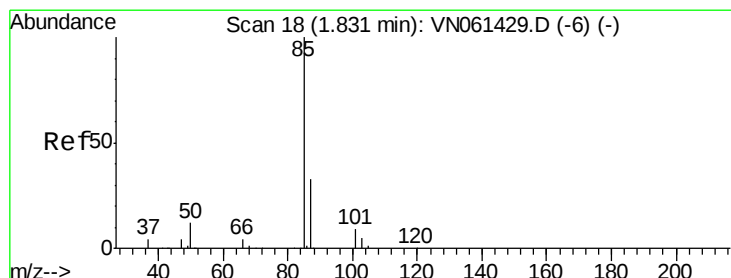
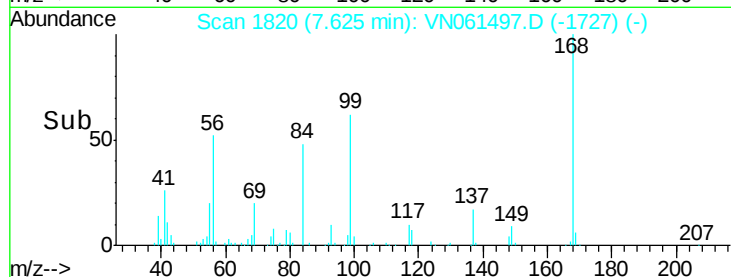
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.259 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061497.D

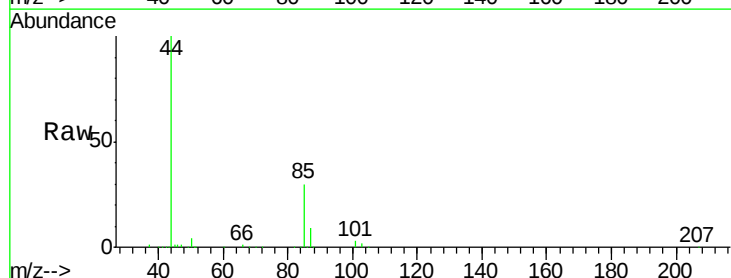
Acq: 19 May 2020 20:37

Tgt Ion: 85 Resp: 120323

Ion Ratio Lower Upper

85 100

87 31.2 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

100000

80000

60000

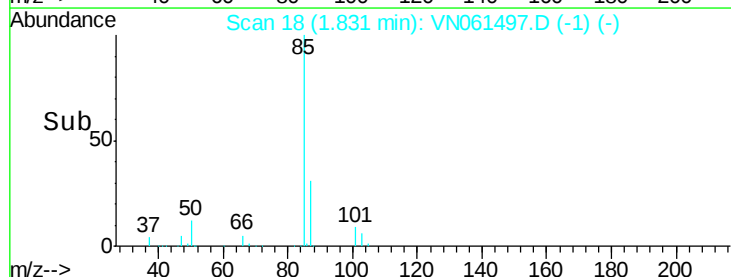
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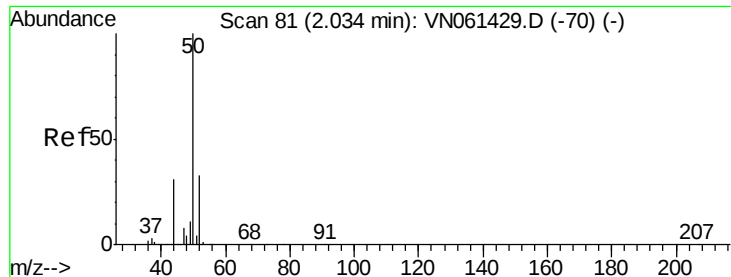
20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.369 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

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ClientSampleId :

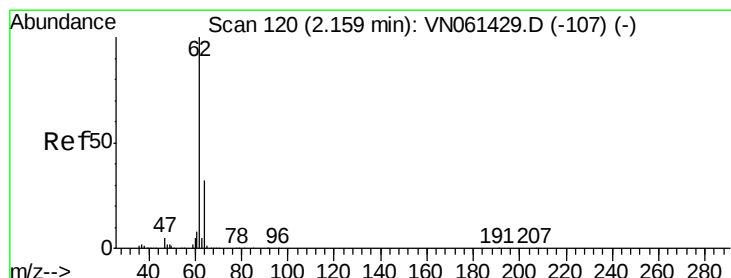
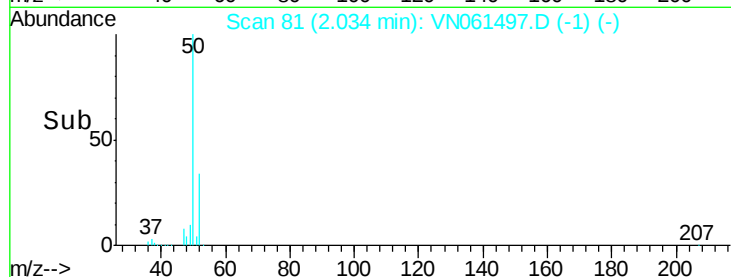
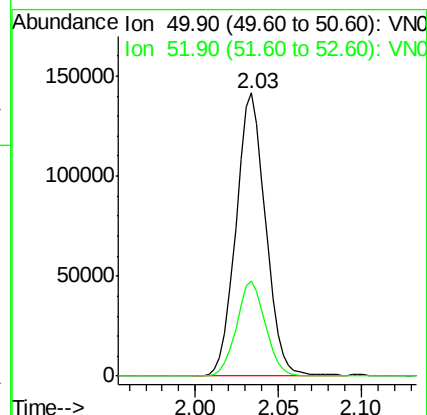
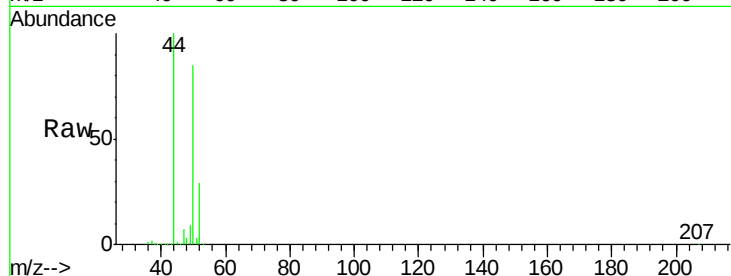
VSTDCCC050EC

Tot Ion: 50 Resp: 176365

Ion Ratio Lower Upper

50 100

52 33.8 26.7 40.1



#4

Vinyl Chloride

Concen: 44.400 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061497.D

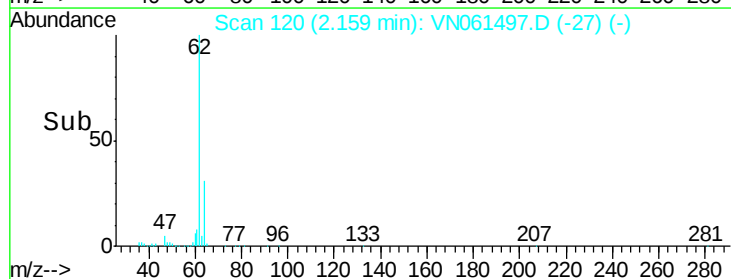
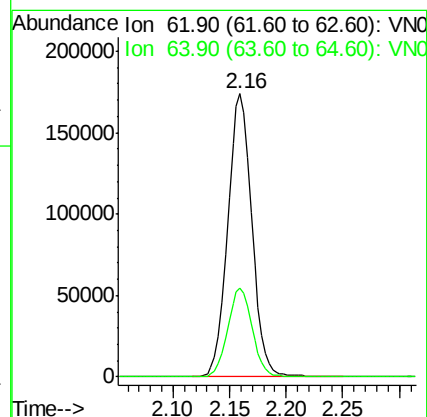
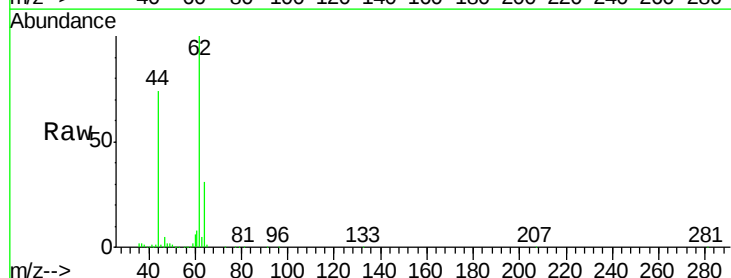
Acq: 19 May 2020 20:37

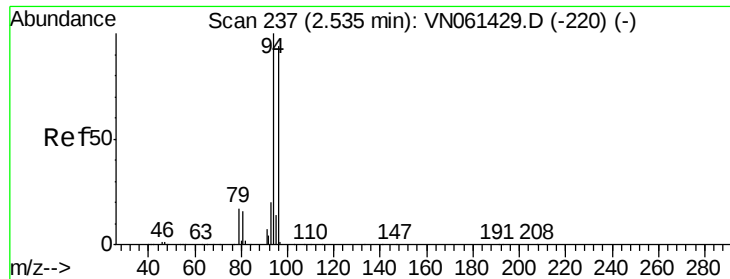
Tgt Ion: 62 Resp: 258410

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 48.118 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

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ClientSampleId :

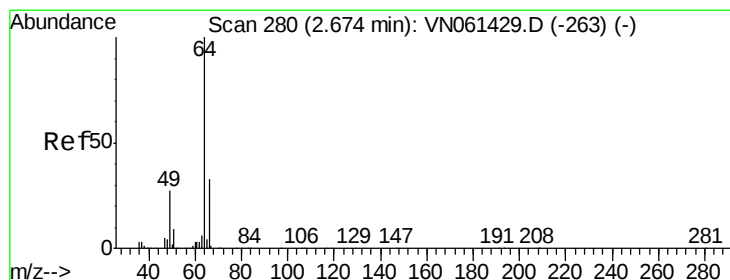
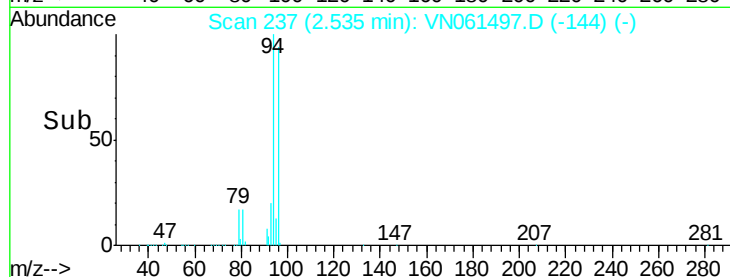
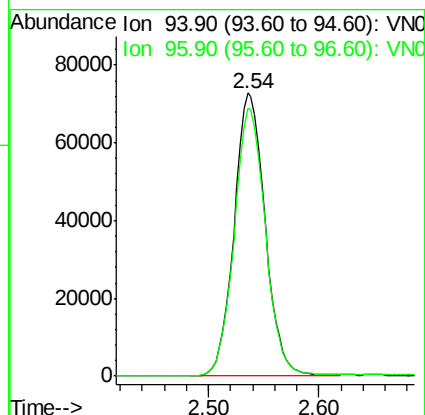
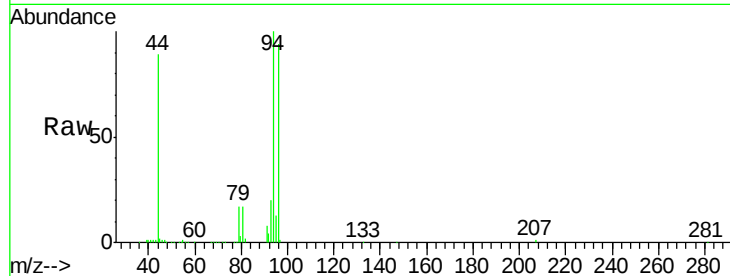
VSTDCCC050EC

Tot Ion: 94 Resp: 142059

Ion Ratio Lower Upper

94 100

96 94.2 74.9 112.3



#6

Chloroethane

Concen: 43.410 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN061497.D

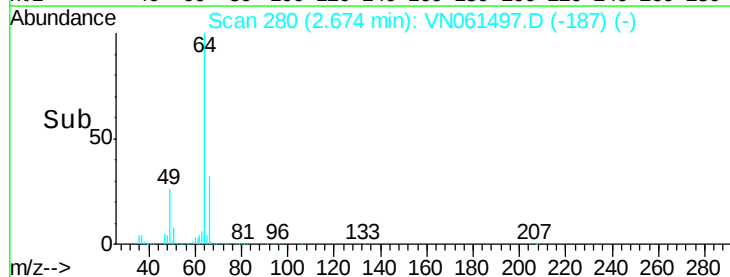
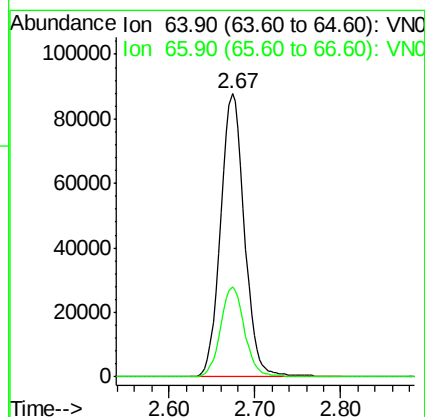
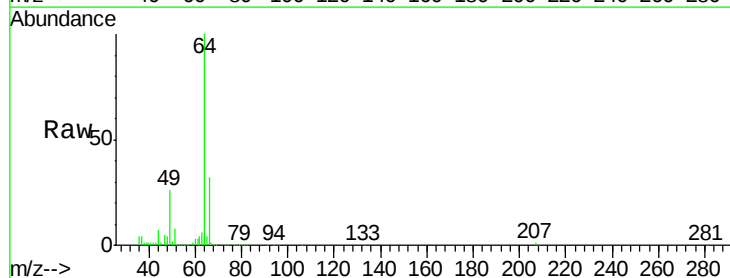
Acq: 19 May 2020 20:37

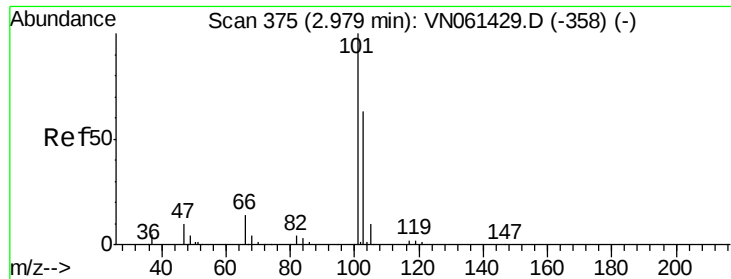
Tgt Ion: 64 Resp: 170052

Ion Ratio Lower Upper

64 100

66 31.6 26.3 39.5



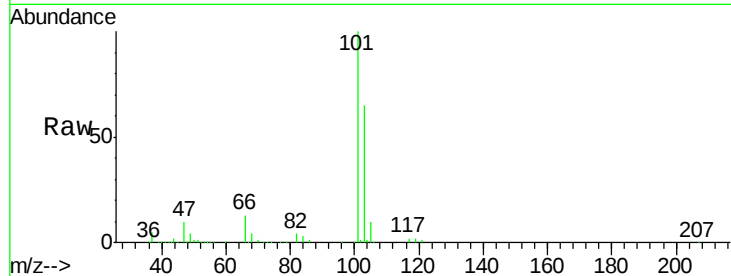


#7

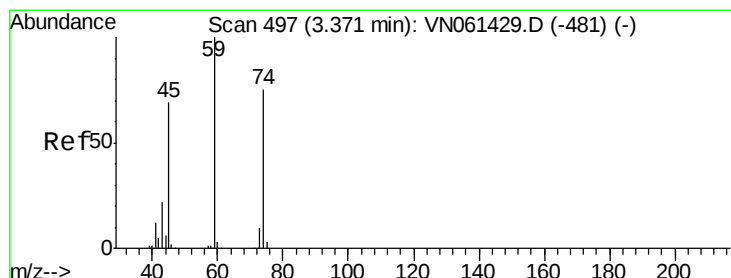
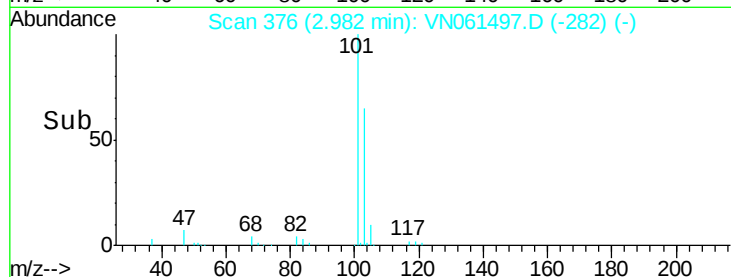
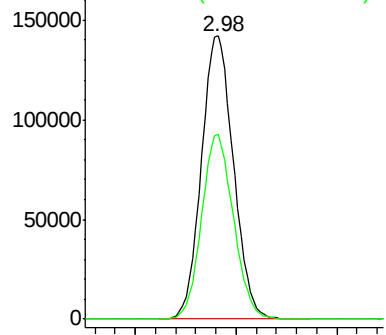
Trichlorofluoromethane
Concen: 44.460 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN061497.D
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Instrument :
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Tot Ion:101 Resp: 314150
Ion Ratio Lower Upper
101 100
103 65.2 50.2 75.4



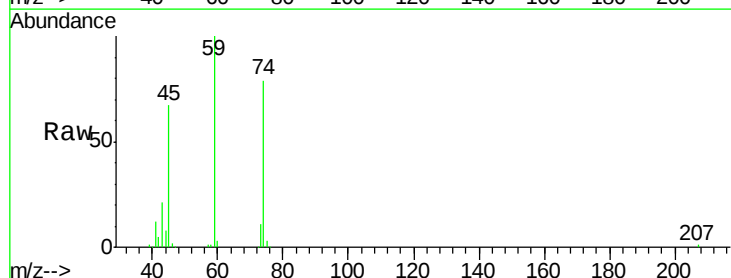
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



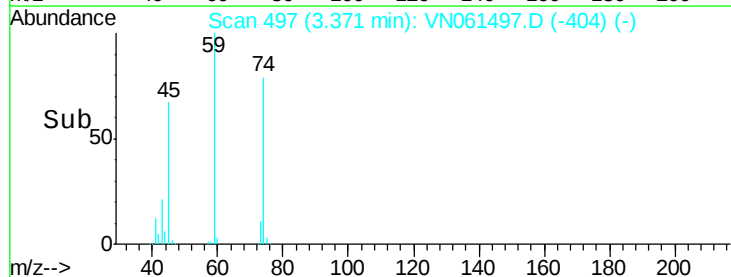
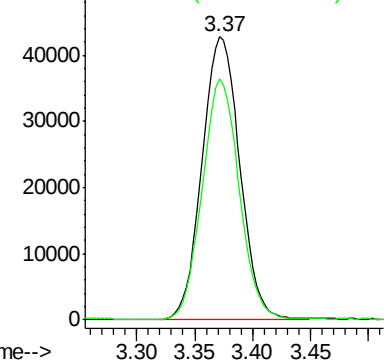
#8

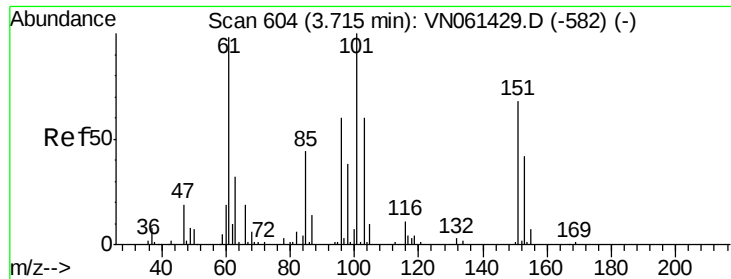
Diethyl Ether
Concen: 46.980 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061497.D
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Tgt Ion: 74 Resp: 96691
Ion Ratio Lower Upper
74 100
45 83.7 45.7 137.1



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.927 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061497.D

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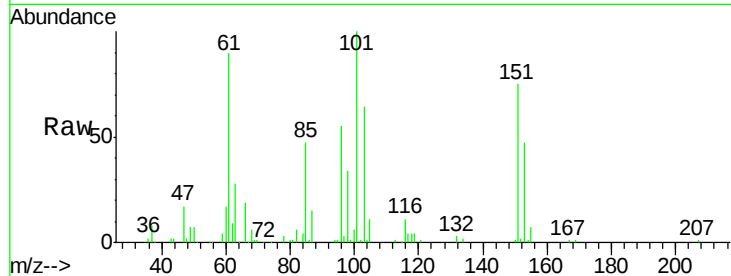
Tot Ion:101 Resp: 129071

Ion Ratio Lower Upper

101 100

85 46.3 36.6 55.0

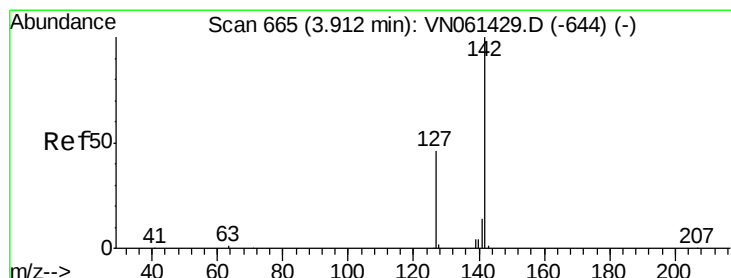
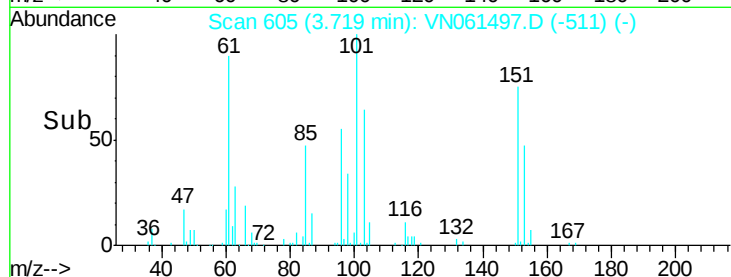
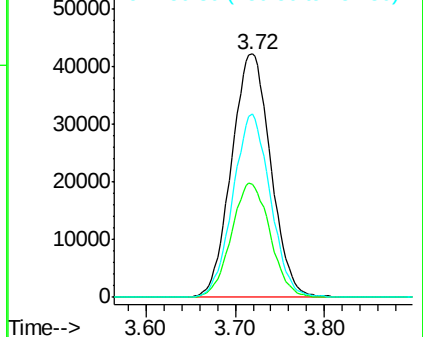
151 71.8 56.3 84.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.993 ug/l

RT: 3.91 min Scan# 665

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

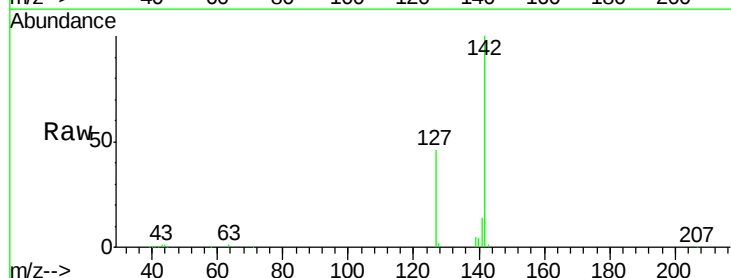
Tgt Ion:142 Resp: 164142

Ion Ratio Lower Upper

142 100

127 46.4 36.7 55.1

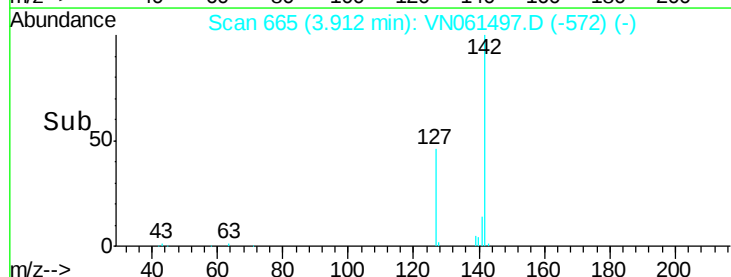
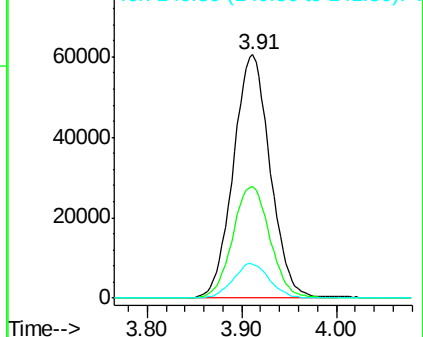
141 14.0 11.5 17.3

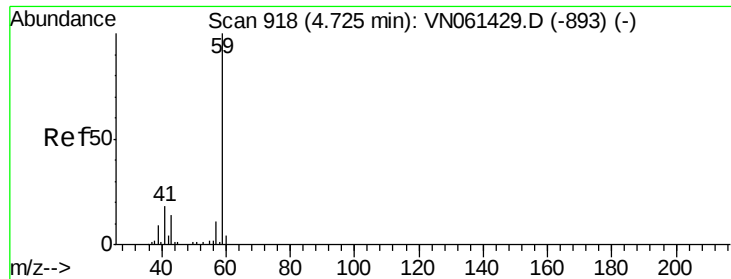


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



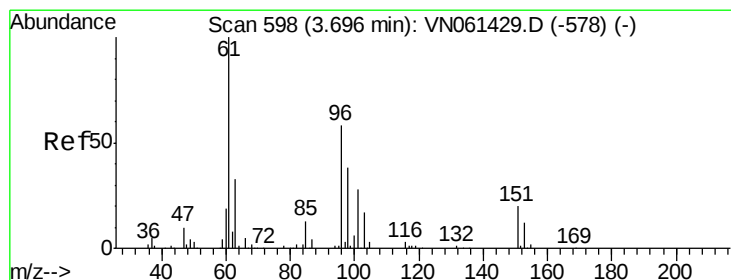
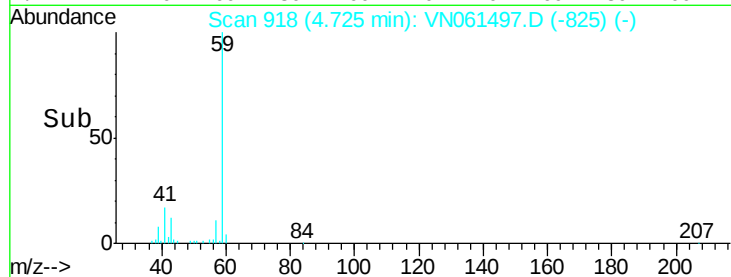
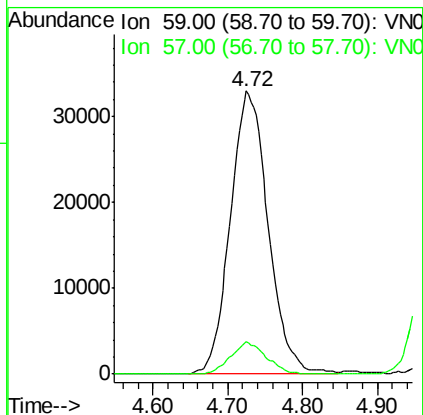
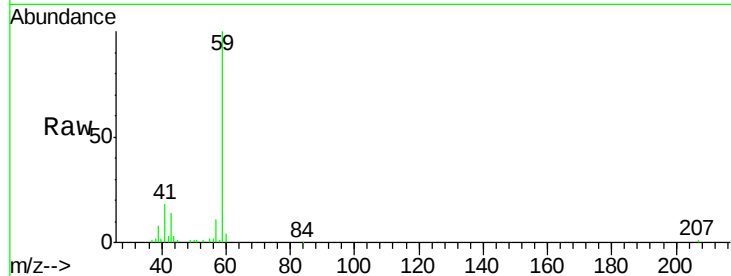


#11

Tert butyl alcohol
 Concen: 224.820 ug/l
 RT: 4.72 min Scan# 918
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

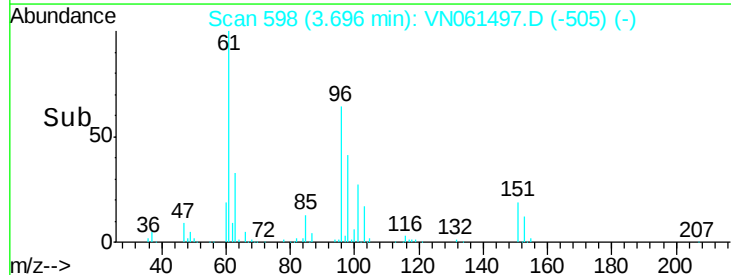
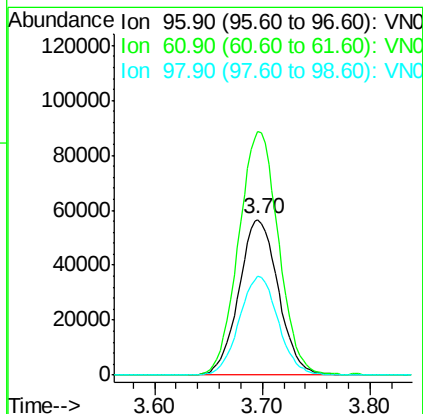
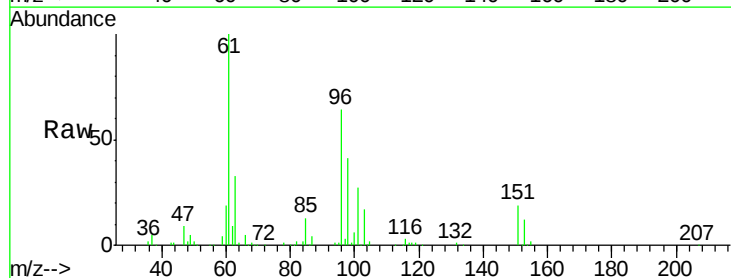
Tot Ion: 59 Resp: 115927
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

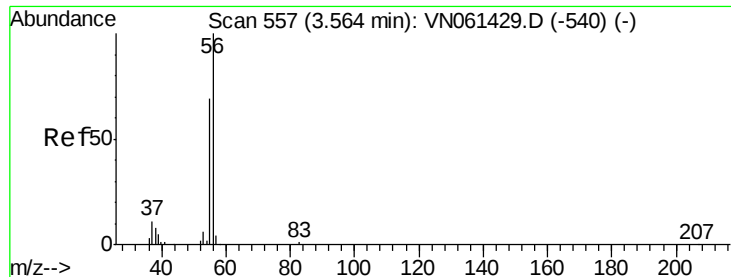


#12

1,1-Dichloroethene
 Concen: 46.855 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 96 Resp: 144014
 Ion Ratio Lower Upper
 96 100
 61 156.7 138.7 208.1
 98 63.6 53.0 79.6





#13

Acrolein

Concen: 150.688 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

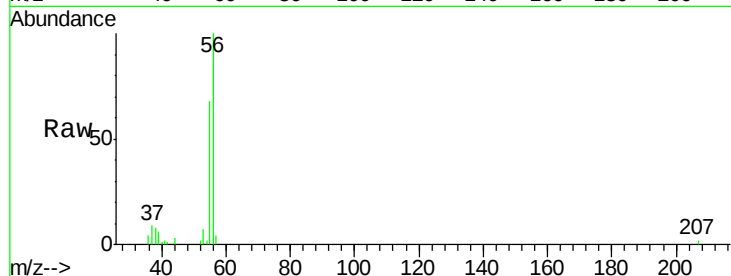
VSTDCCC050EC

Tot Ion: 56 Resp: 58255

Ion Ratio Lower Upper

56 100

55 69.8 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN061497.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061497.D (-540) (-)

3.57

25000

20000

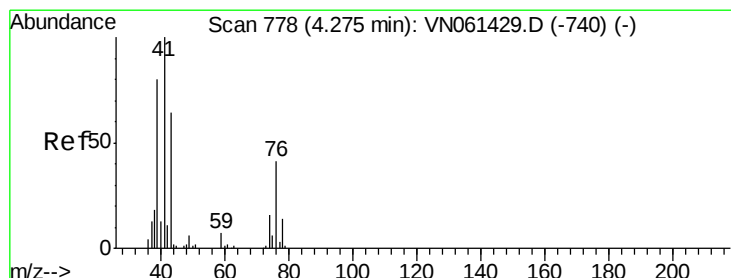
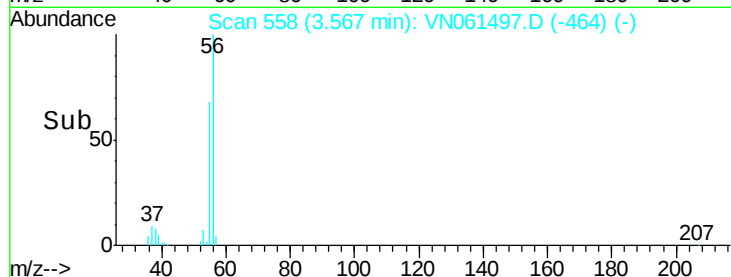
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 43.633 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

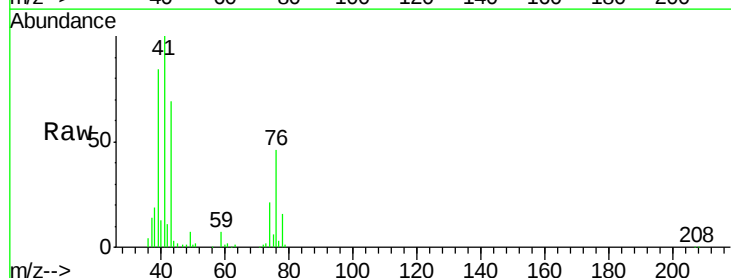
Tgt Ion: 41 Resp: 218255

Ion Ratio Lower Upper

41 100

39 77.2 61.2 91.8

76 40.6 29.9 44.9



Abundance Ion 41.00 (40.70 to 41.70): VN061497.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN061497.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN061497.D (-685) (-)

4.27

80000

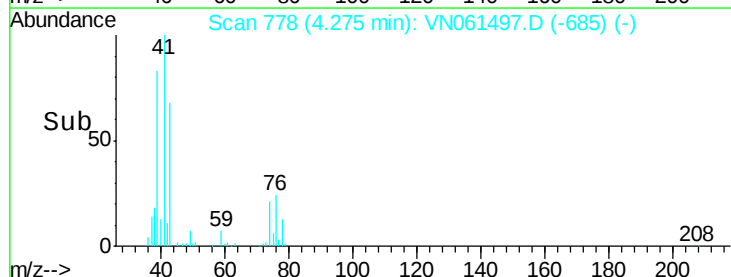
60000

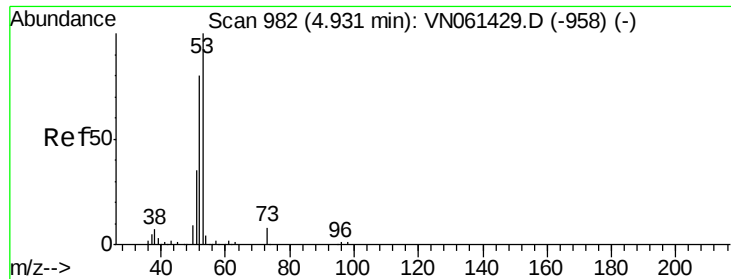
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 228.573 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

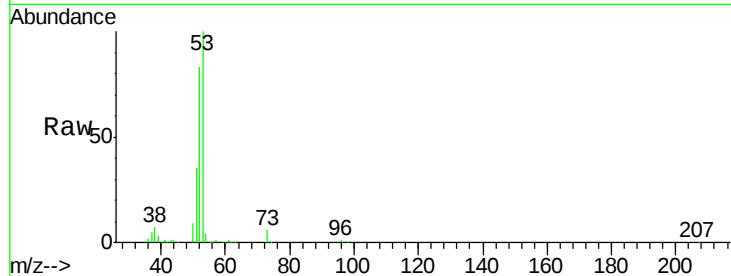
Tot Ion: 53 Resp: 349187

Ion Ratio Lower Upper

53 100

52 81.3 64.7 97.1

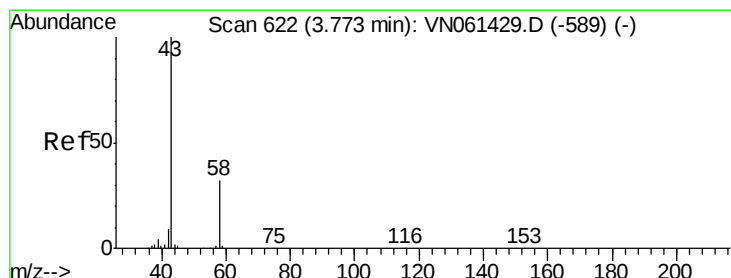
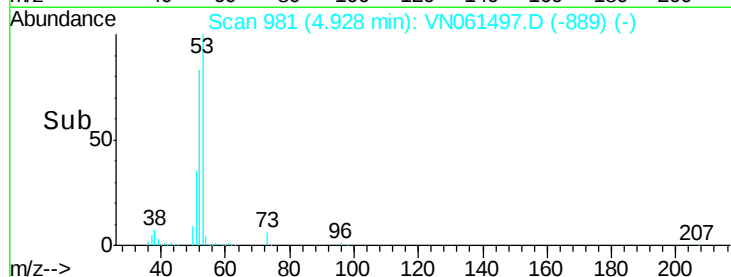
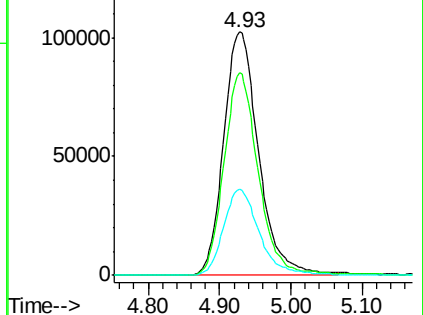
51 36.2 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN061497.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061497.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061497.D (-958) (-)



#16

Acetone

Concen: 220.359 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061497.D

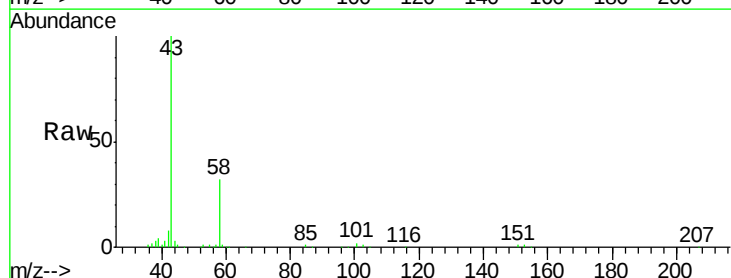
Acq: 19 May 2020 20:37

Tgt Ion: 43 Resp: 253839

Ion Ratio Lower Upper

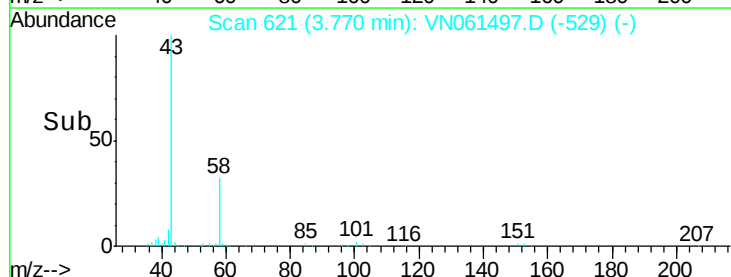
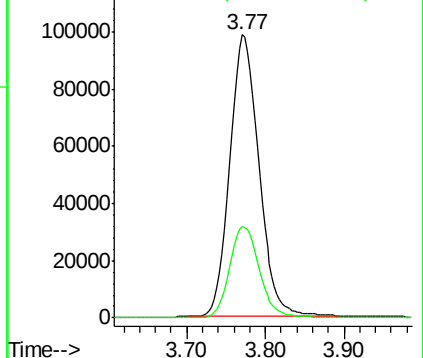
43 100

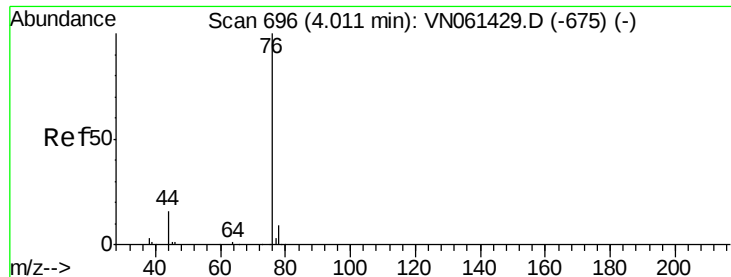
58 32.3 25.6 38.4



Abundance Ion 43.00 (42.70 to 43.70): VN061497.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061497.D (-529) (-)





#17

Carbon Disulfide

Concen: 50.908 ug/l

RT: 4.01 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

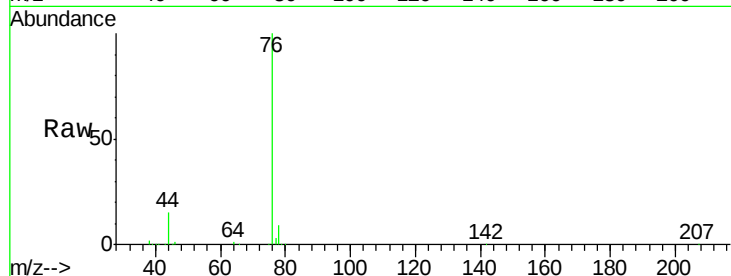
VSTDCCC050EC

Tot Ion: 76 Resp: 335357

Ion Ratio Lower Upper

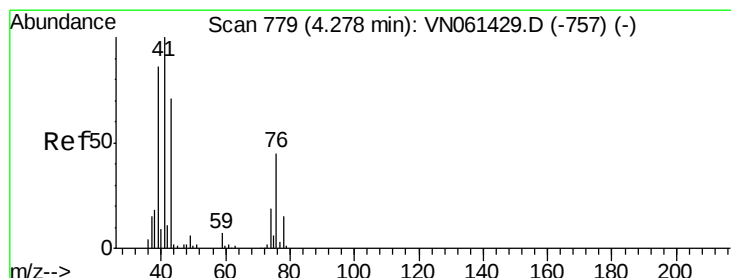
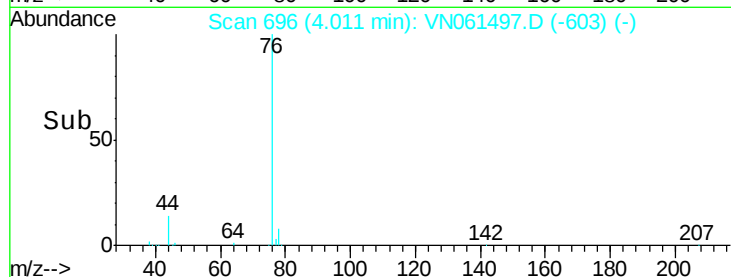
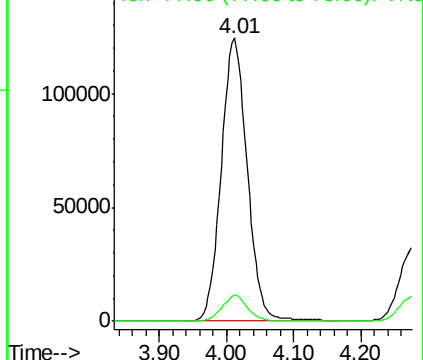
76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 45.724 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061497.D

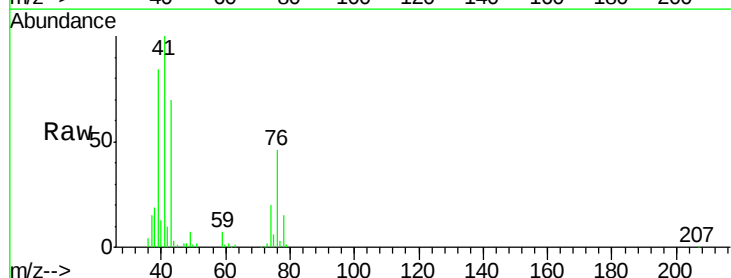
Acq: 19 May 2020 20:37

Tgt Ion: 43 Resp: 140609

Ion Ratio Lower Upper

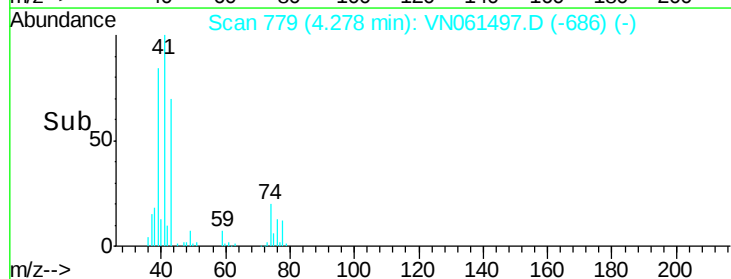
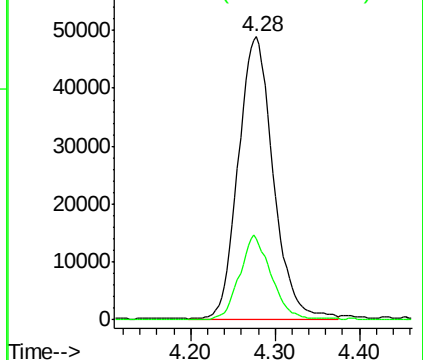
43 100

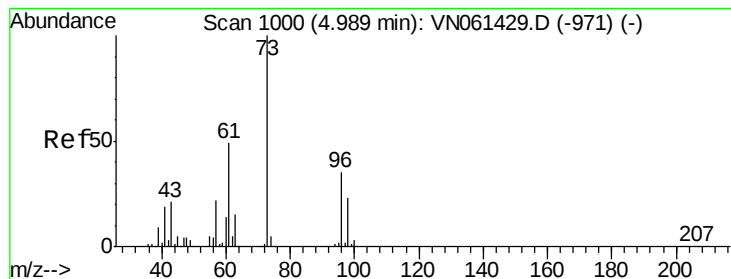
74 27.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#19

Methyl tert-butyl Ether

Concen: 47.363 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

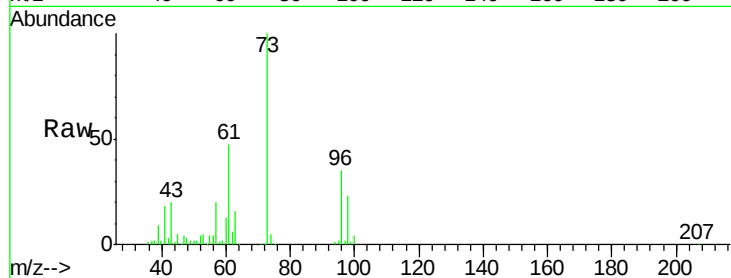
VSTDCCC050EC

Tot Ion: 73 Resp: 552429

Ion Ratio Lower Upper

73 100

57 20.2 17.4 26.0



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.99

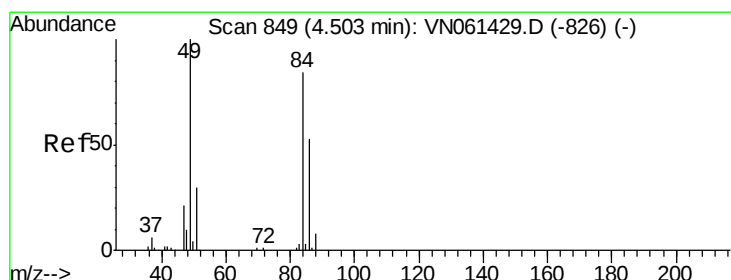
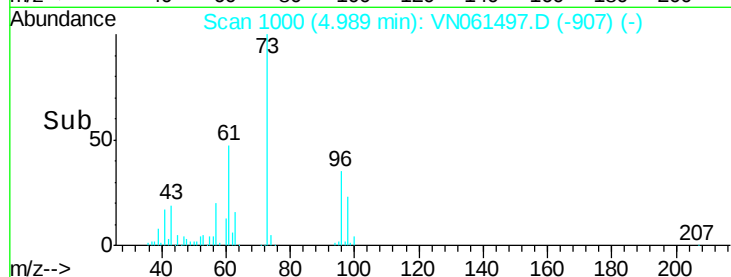
150000

100000

50000

0

Time--> 4.80 4.90 5.00 5.10



#20

Methylene Chloride

Concen: 46.831 ug/l

RT: 4.50 min Scan# 849

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion: 84 Resp: 172240

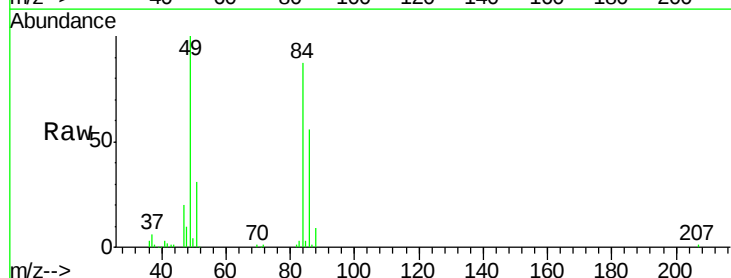
Ion Ratio Lower Upper

84 100

49 115.0 95.3 142.9

51 35.2 29.0 43.6

86 63.9 50.2 75.2



Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

100000

80000

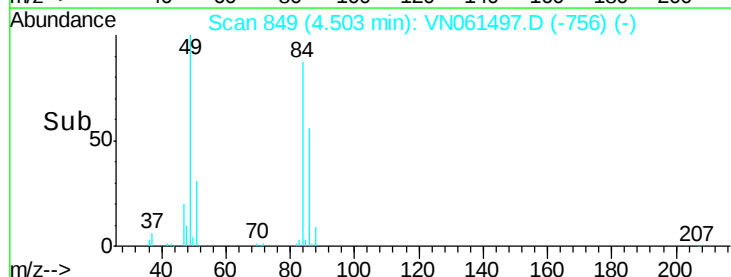
60000

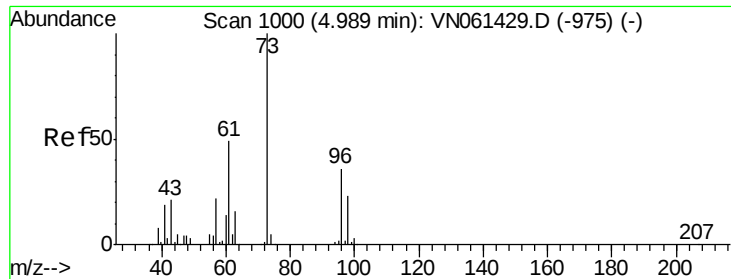
40000

20000

0

Time--> 4.40 4.50 4.60 4.70





#21

trans-1,2-Dichloroethene

Concen: 47.663 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

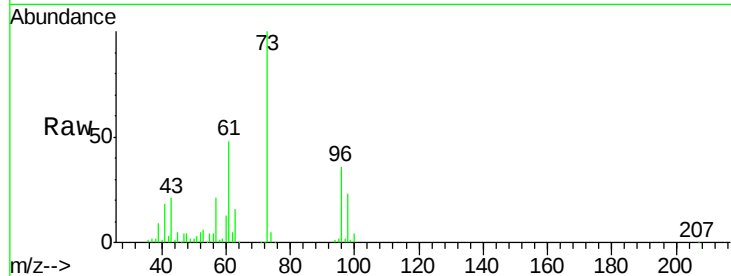
Tot Ion: 96 Resp: 168927

Ion Ratio Lower Upper

96 100

61 132.8 109.8 164.6

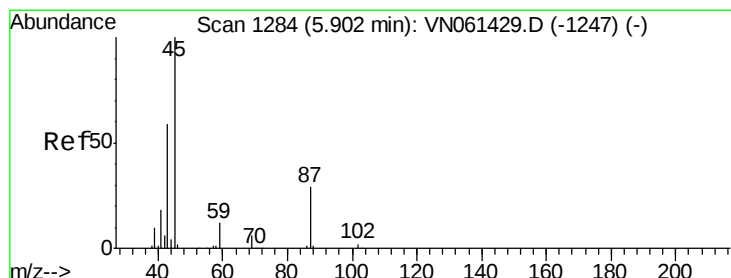
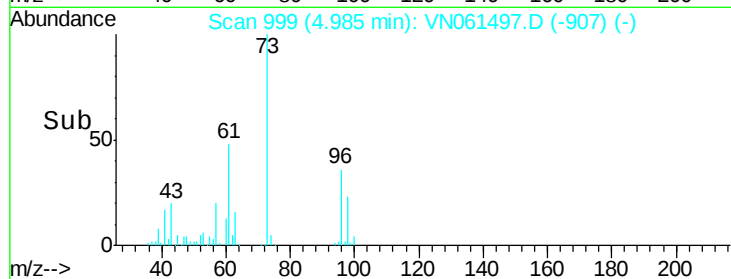
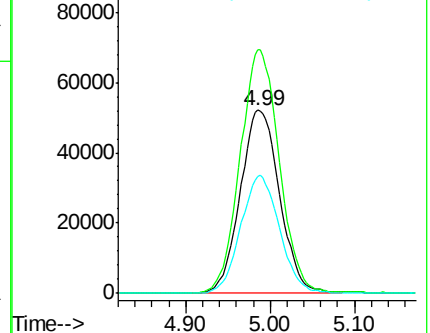
98 63.5 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN061497.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061497.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061497.D (-907) (-)



#22

Diisopropyl ether

Concen: 45.128 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion: 45 Resp: 507246

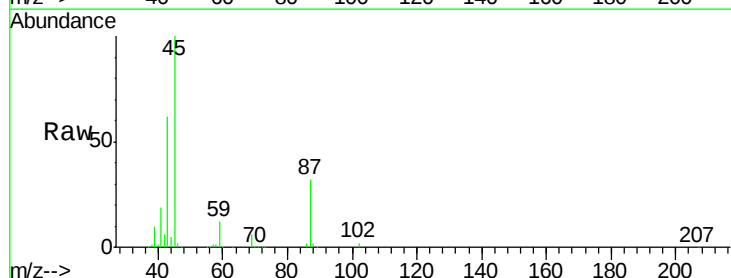
Ion Ratio Lower Upper

45 100

43 61.4 47.9 71.9

87 32.1 24.0 36.0

59 12.3 9.7 14.5

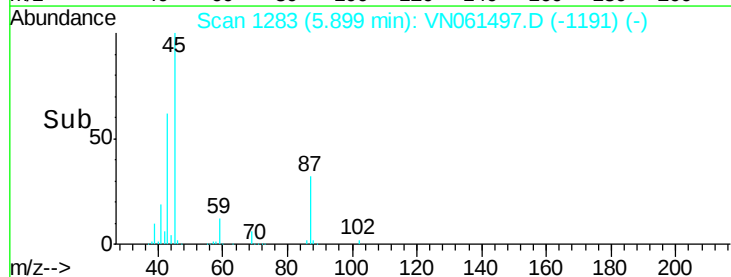
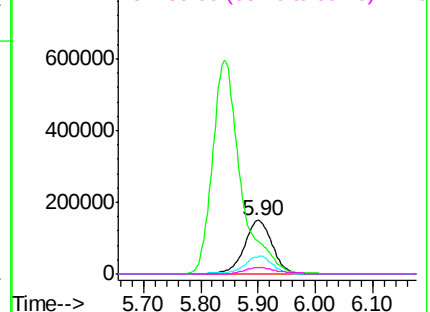


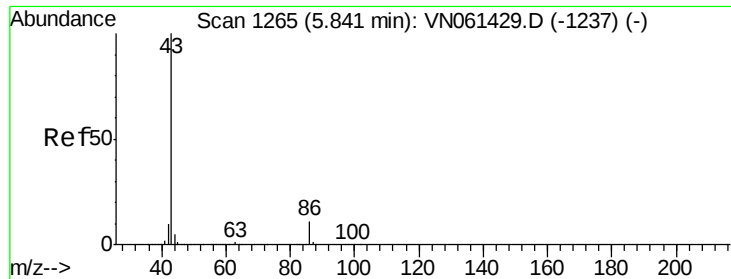
Abundance Ion 45.00 (44.70 to 45.70): VN061497.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061497.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061497.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061497.D (-1191) (-)

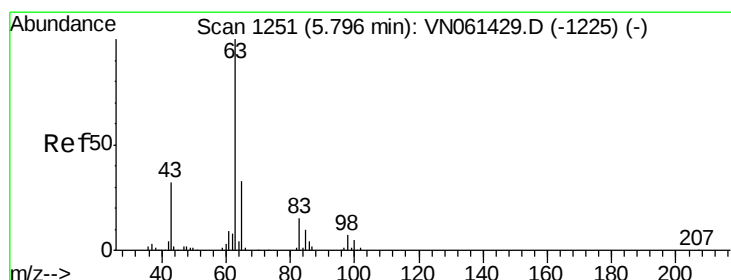
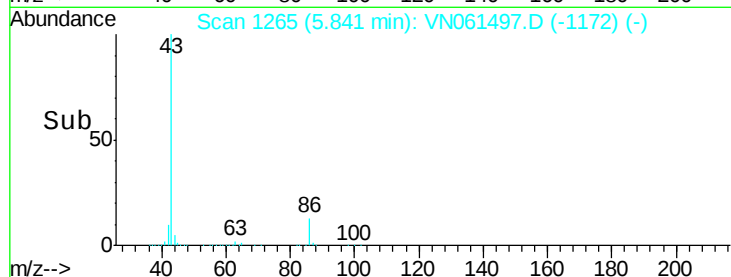
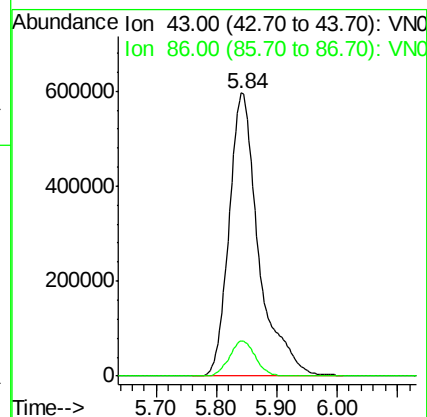
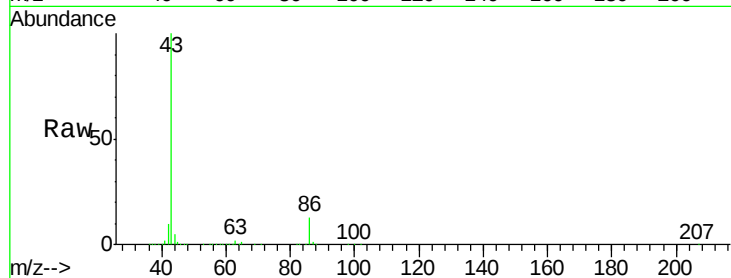




#23
 Vinyl Acetate
 Concen: 228.172 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

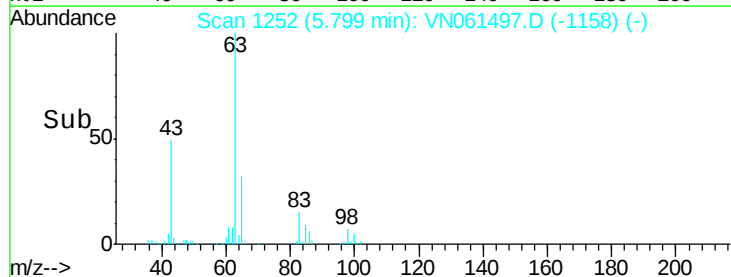
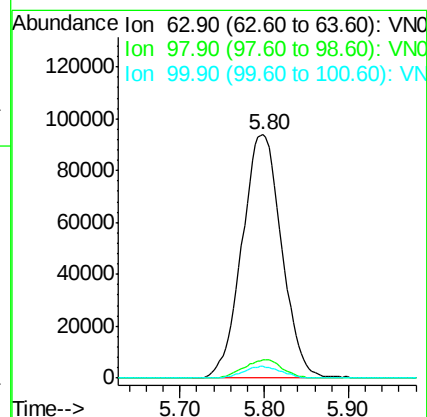
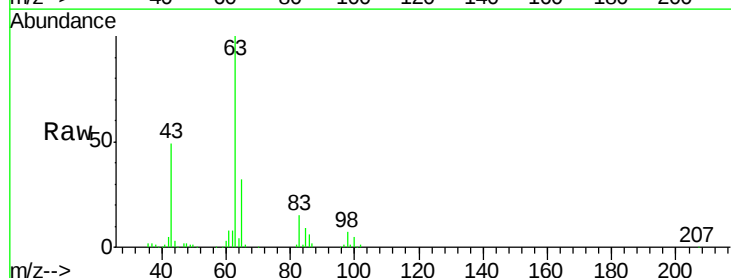
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

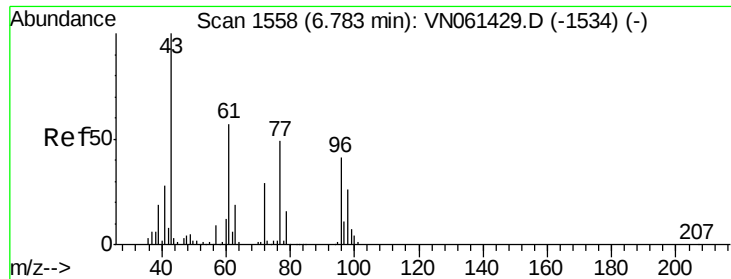
Tot Ion: 43 Resp: 2039489
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 46.731 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 63 Resp: 306375
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.7 2.3 6.9

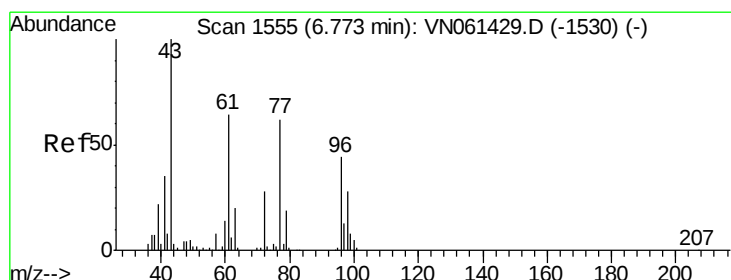
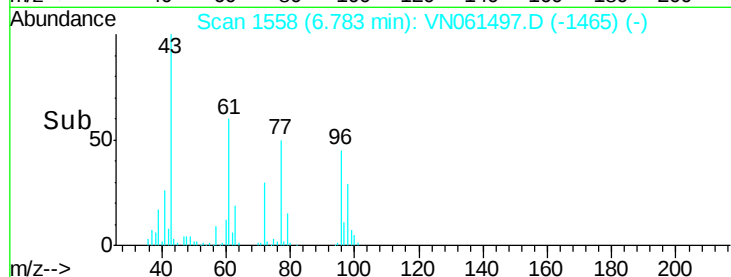
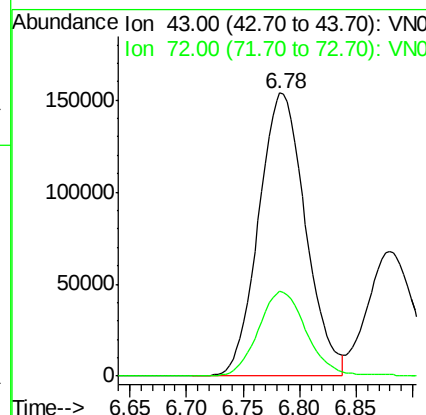
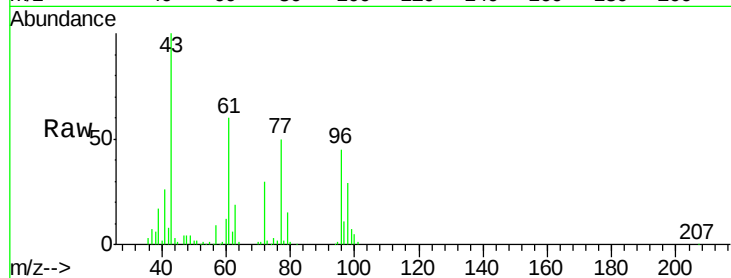




#25
2-Butanone
Concen: 216.354 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

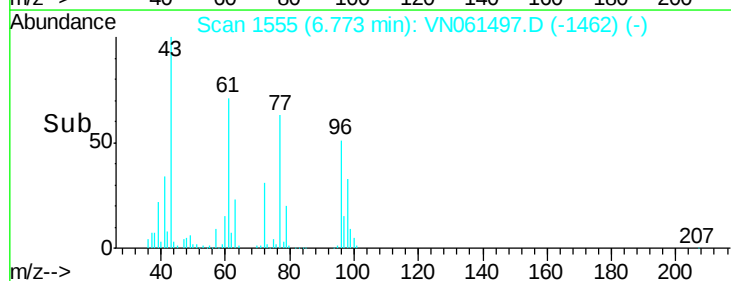
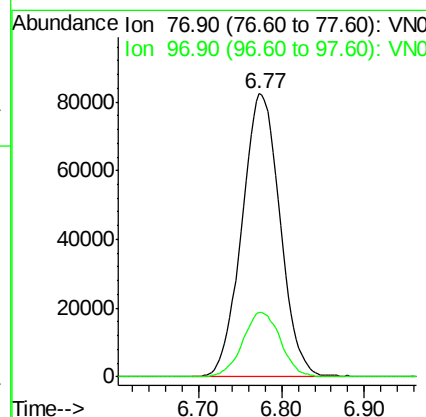
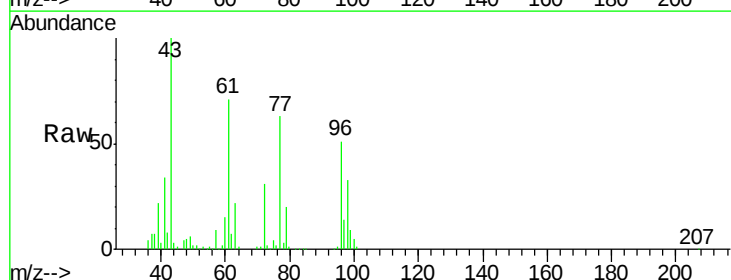
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

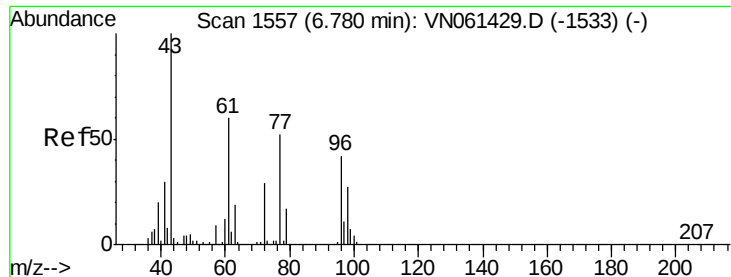
Tot Ion: 43 Resp: 440840
Ion Ratio Lower Upper
43 100
72 30.0 23.0 34.6



#26
2,2-Dichloropropane
Concen: 42.152 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 77 Resp: 263447
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9

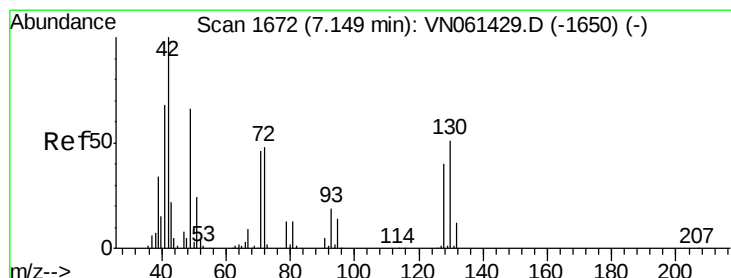
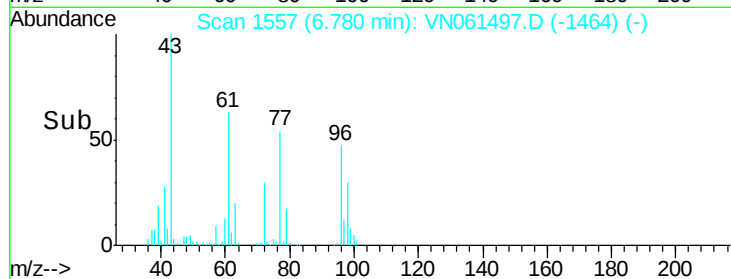
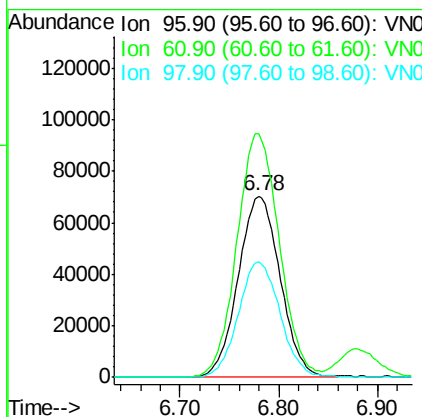
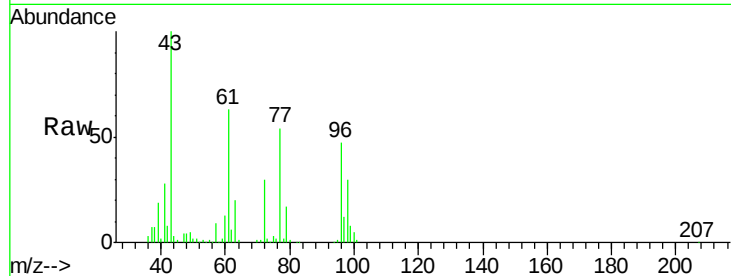




#27
 cis-1,2-Dichloroethene
 Concen: 49.455 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

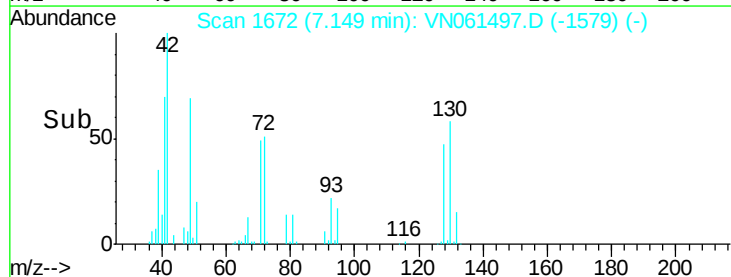
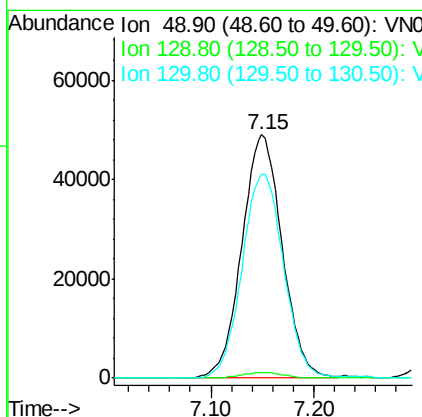
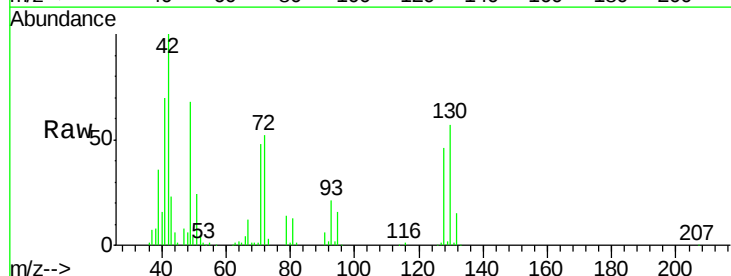
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

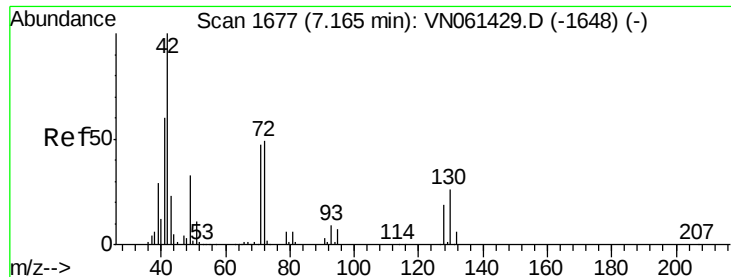
Tot Ion: 96 Resp: 207043
 Ion Ratio Lower Upper
 96 100
 61 136.2 0.0 294.2
 98 63.7 0.0 128.2



#28
 Bromochloromethane
 Concen: 47.781 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 49 Resp: 132967
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 86.8 62.2 93.2

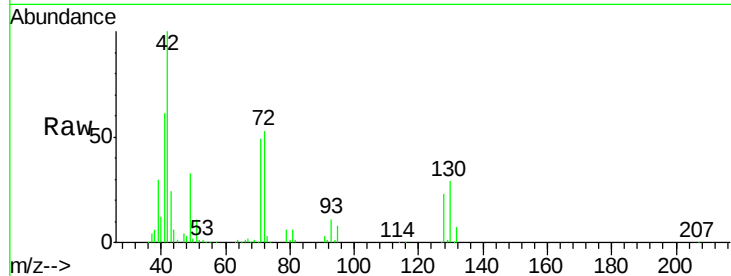




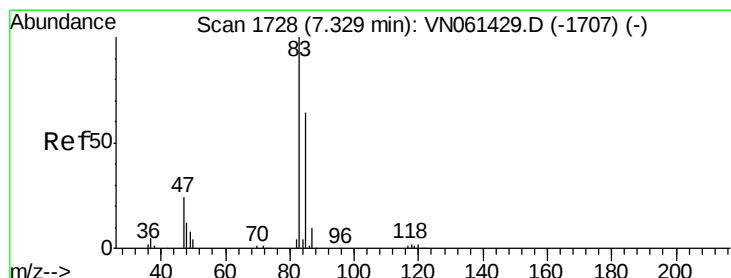
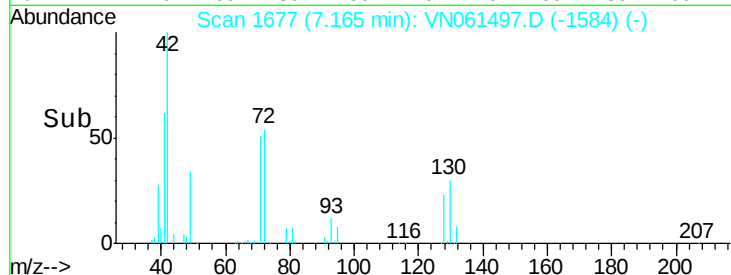
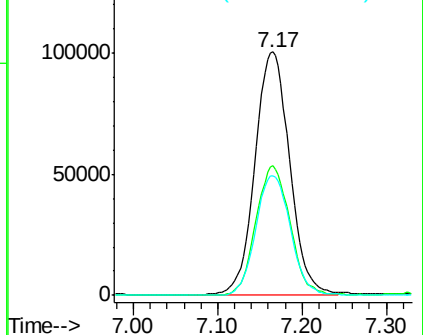
#29
Tetrahydrofuran
Concen: 213.938 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 288696
Ion Ratio Lower Upper
42 100
72 52.4 39.0 58.6
71 49.1 36.9 55.3

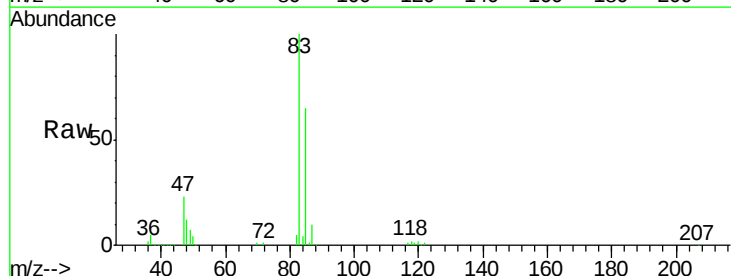


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

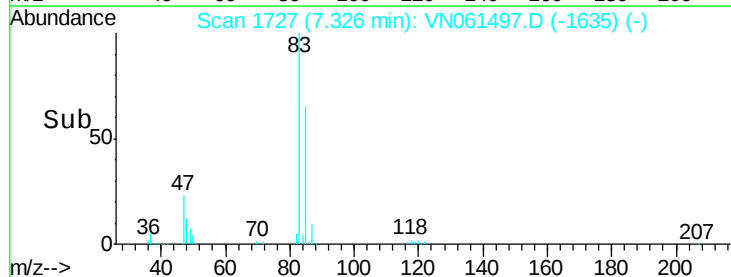
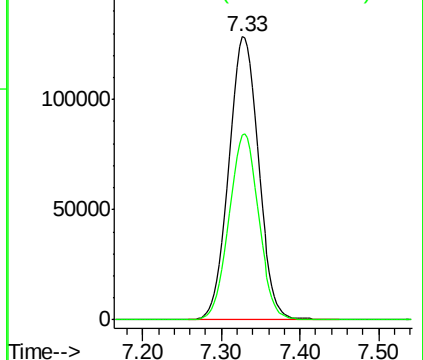


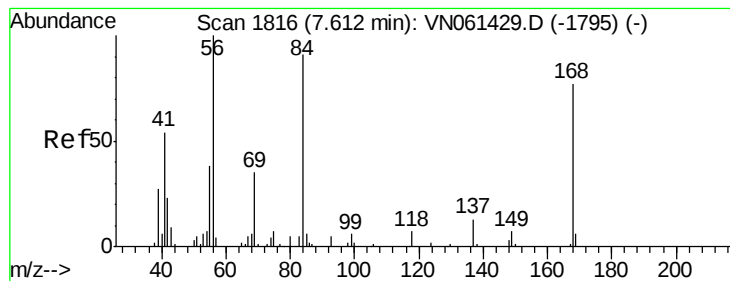
#30
Chloroform
Concen: 49.449 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 83 Resp: 338610
Ion Ratio Lower Upper
83 100
85 65.2 51.0 76.4



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 37.491 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

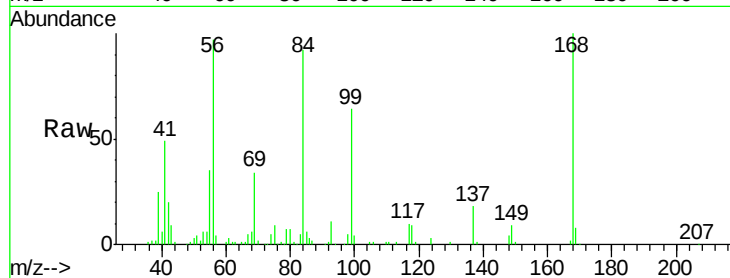
Tot Ion: 56 Resp: 220635

Ion Ratio Lower Upper

56 100

69 35.5 27.8 41.6

84 93.1 72.7 109.1



Abundance Ion 56.00 (55.70 to 56.70): VN061497.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN061497.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN061497.D (-1795) (-)

150000

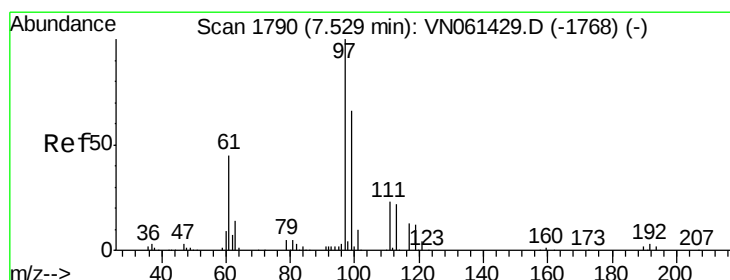
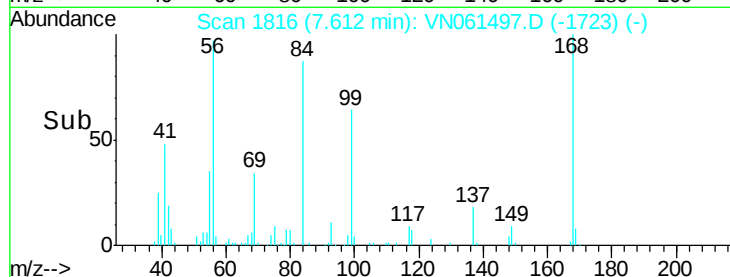
100000

50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#32

1,1,1-Trichloroethane

Concen: 48.112 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

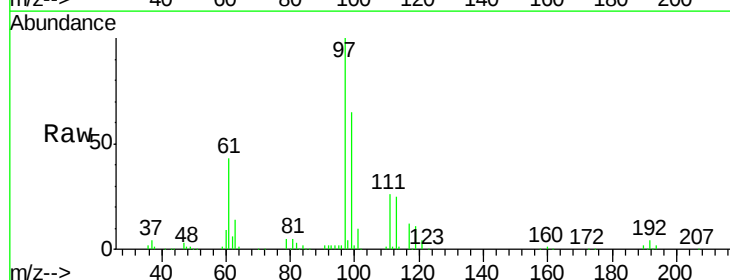
Tgt Ion: 97 Resp: 301054

Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 42.0 35.8 53.6



Abundance Ion 96.90 (96.60 to 97.60): VN061497.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061497.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061497.D (-1697) (-)

150000

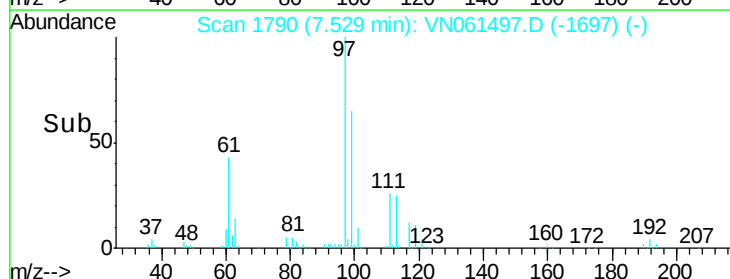
100000

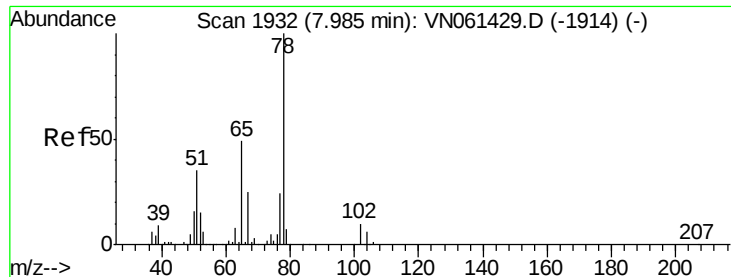
50000

0

7.40 7.50 7.60

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.050 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

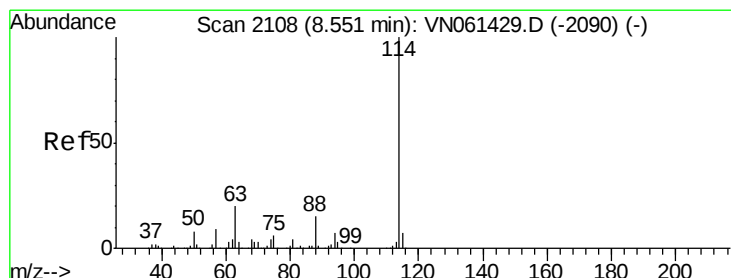
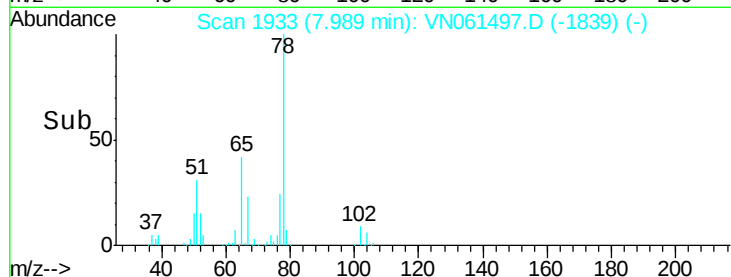
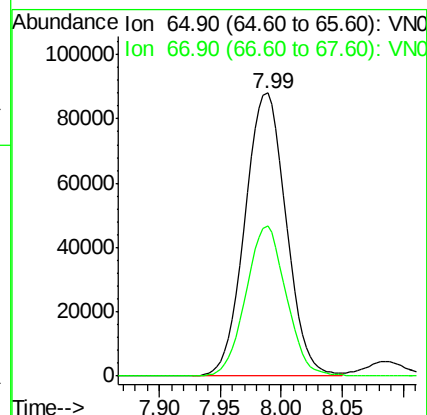
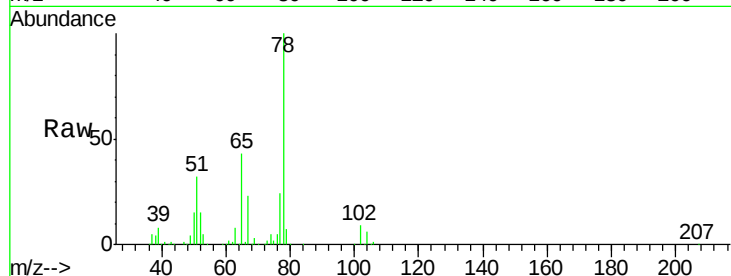
VSTDCCC050EC

Tot Ion: 65 Resp: 206080

Ion Ratio Lower Upper

65 100

67 51.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

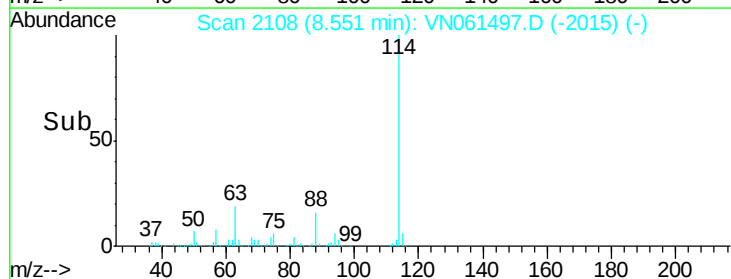
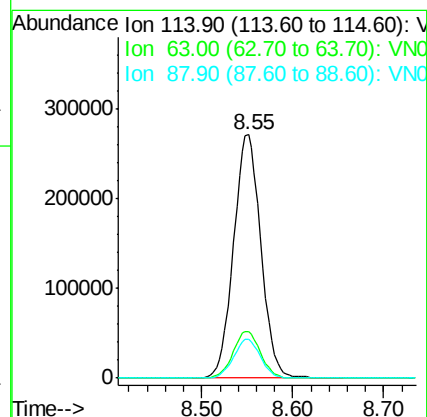
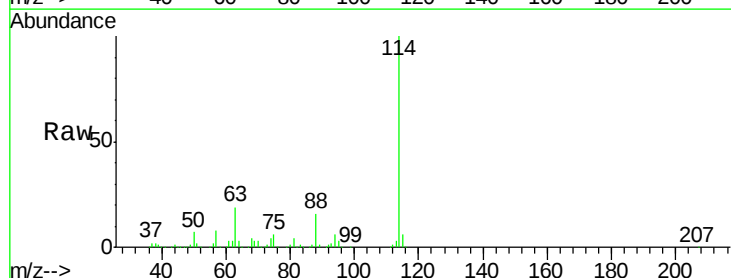
Tgt Ion: 114 Resp: 564415

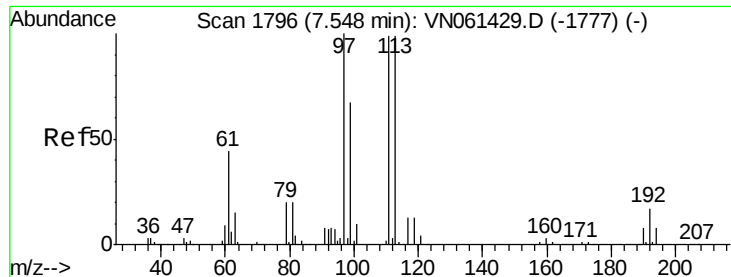
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.8

88 15.8 0.0 30.8

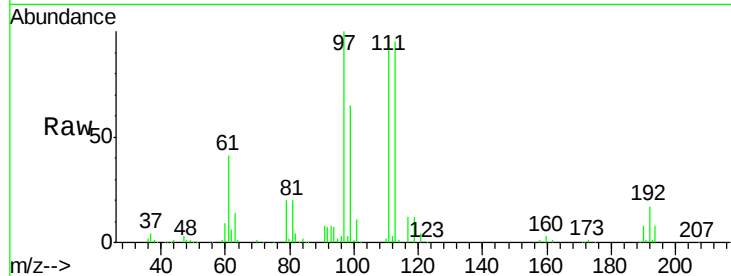




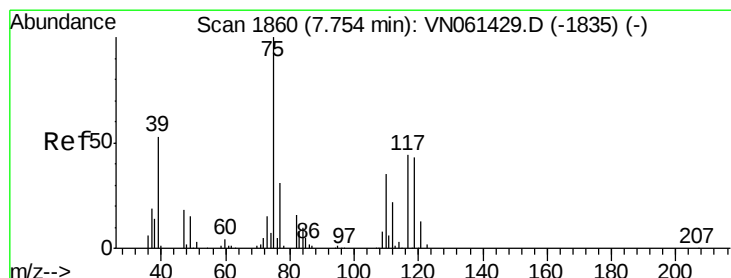
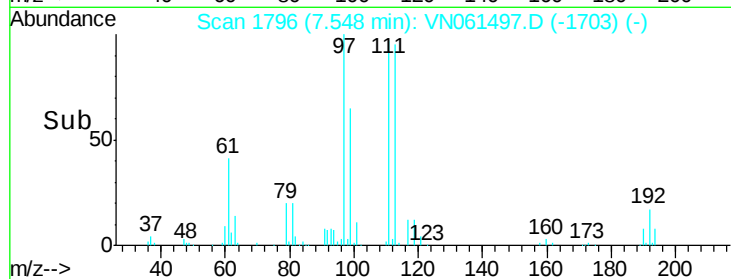
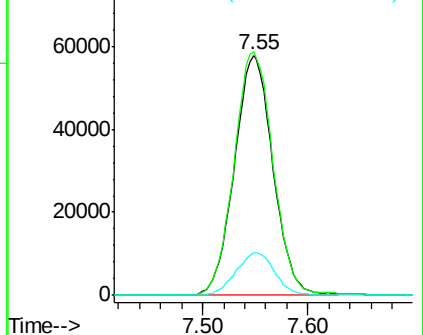
#35
 Dibromofluoromethane
 Concen: 49.570 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.6	121.0
192	17.9	13.2	19.8

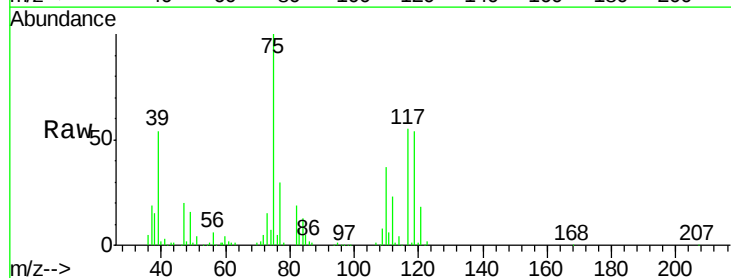


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

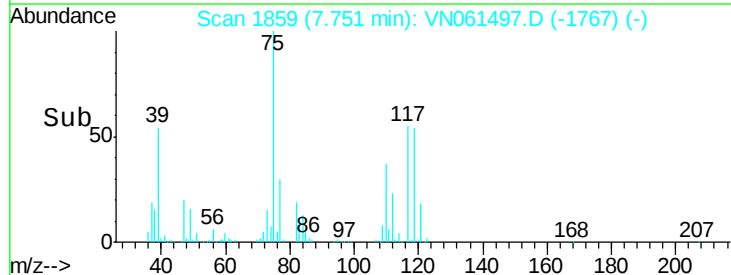
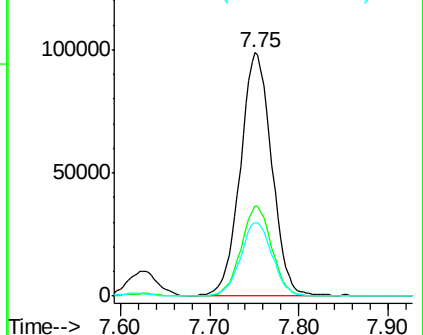


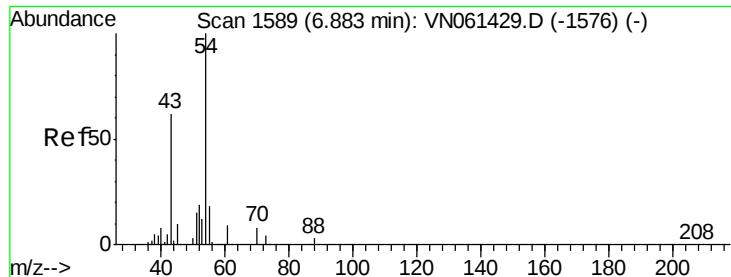
#36
 1,1-Dichloropropene
 Concen: 45.366 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	17.3	51.9
77	30.8	24.9	37.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

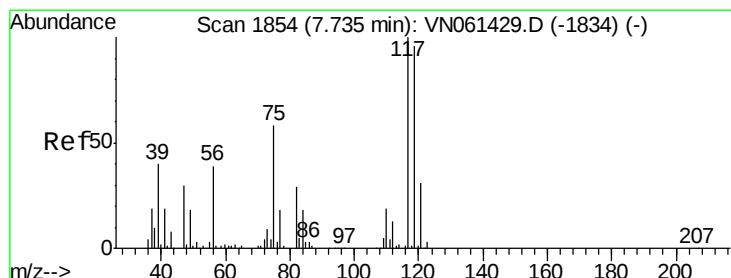
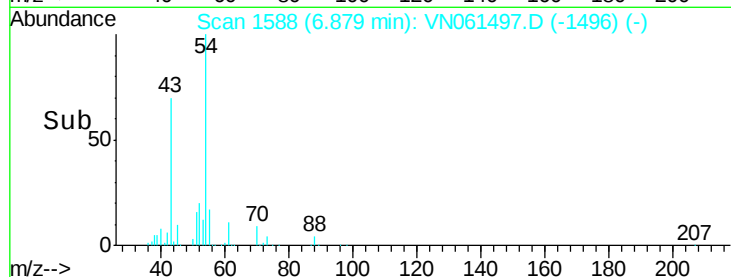
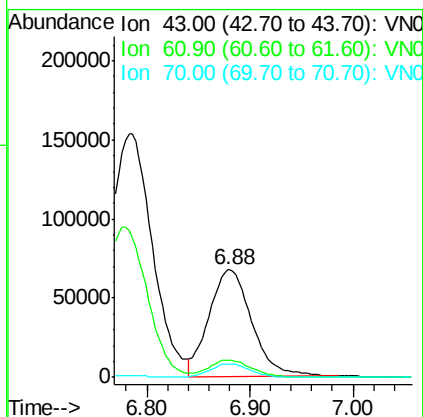
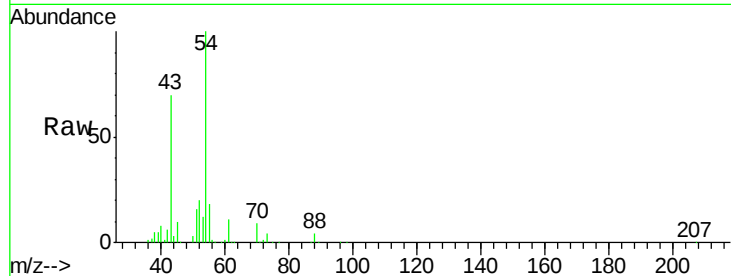




#37
Ethyl Acetate
Concen: 40.660 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

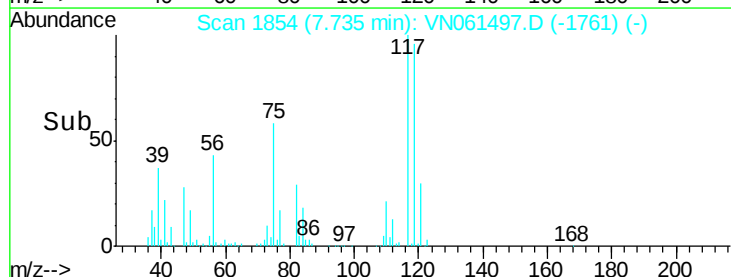
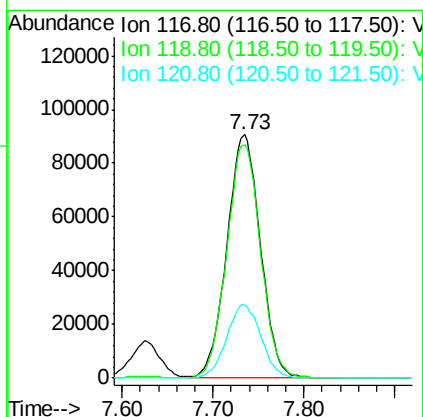
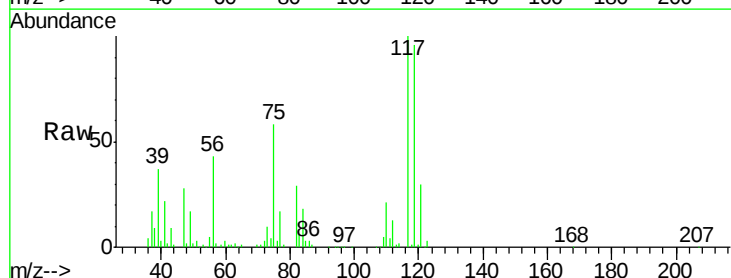
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

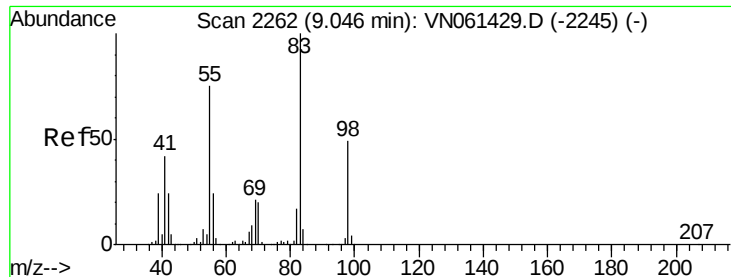
Tot Ion: 43 Resp: 194604
Ion Ratio Lower Upper
43 100
61 15.6 11.7 17.5
70 12.1 9.2 13.8



#38
Carbon Tetrachloride
Concen: 47.752 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 117 Resp: 232052
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.6
121 30.2 24.7 37.1

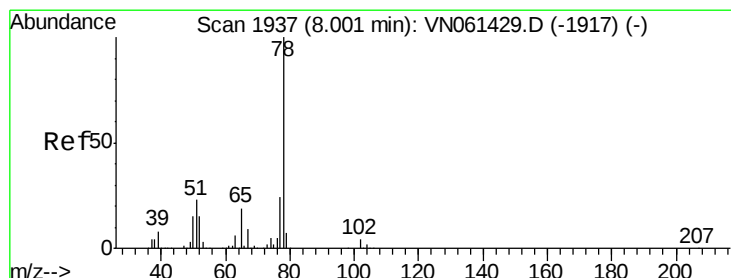
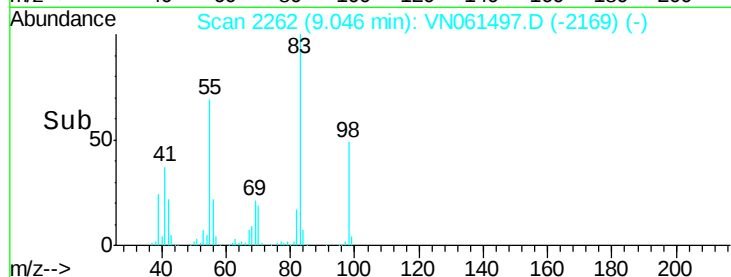
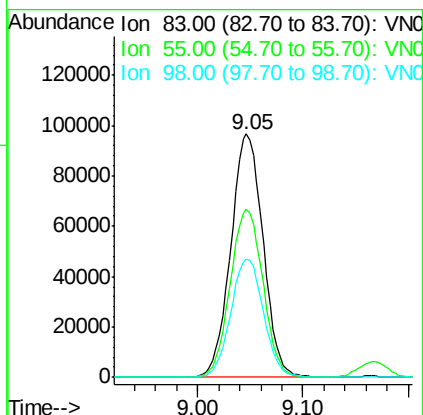
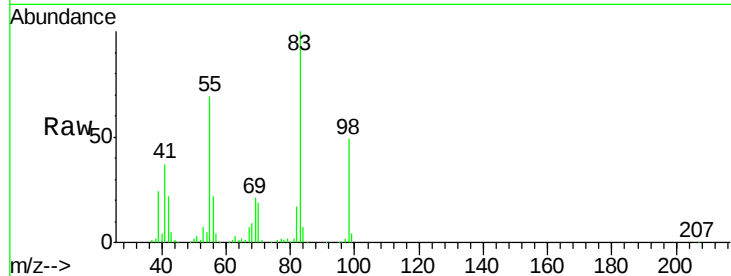




#39
Methvlcvclohexane
Concen: 31.771 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

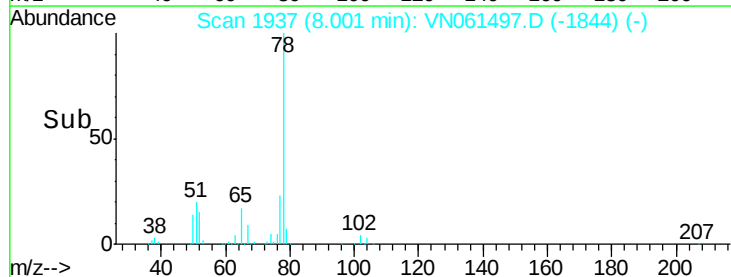
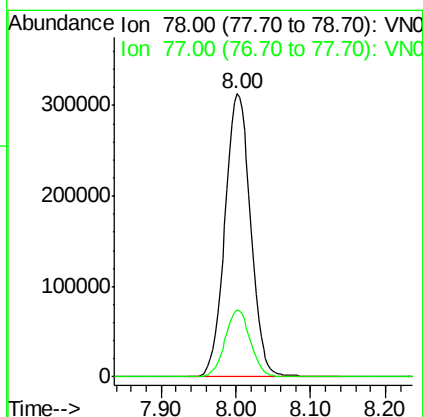
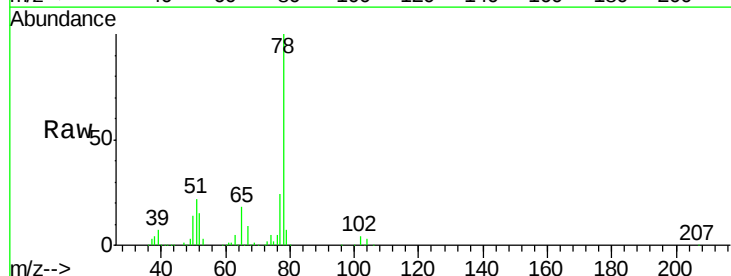
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 204796
Ion Ratio Lower Upper
83 100
55 69.1 59.7 89.5
98 48.6 38.9 58.3



#40
Benzene
Concen: 46.874 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 78 Resp: 745507
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7

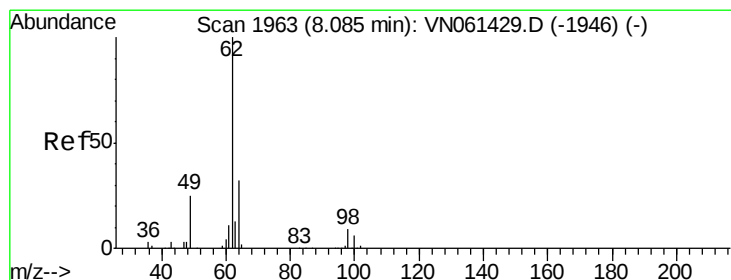
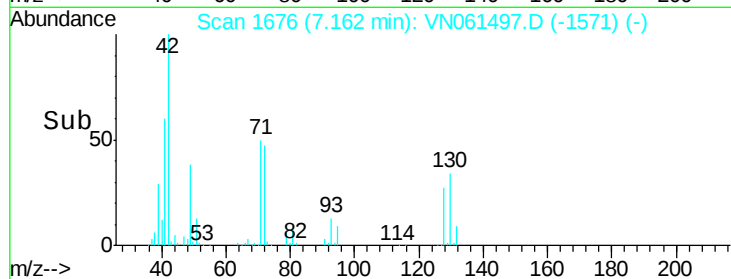
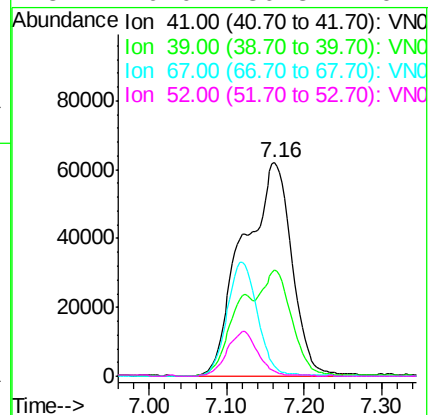
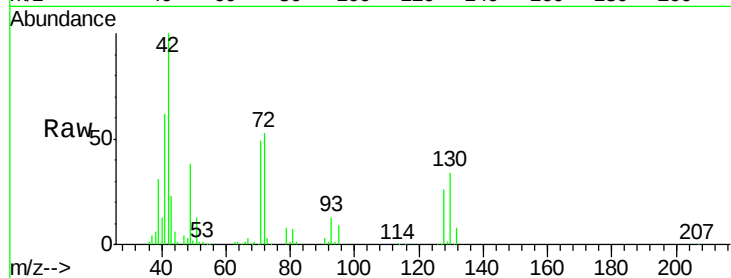




#41
Methacrylonitrile
Concen: 134.762 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

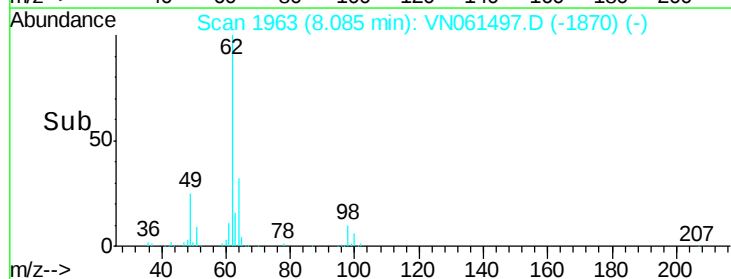
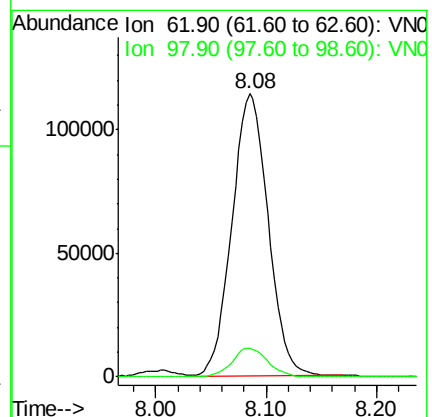
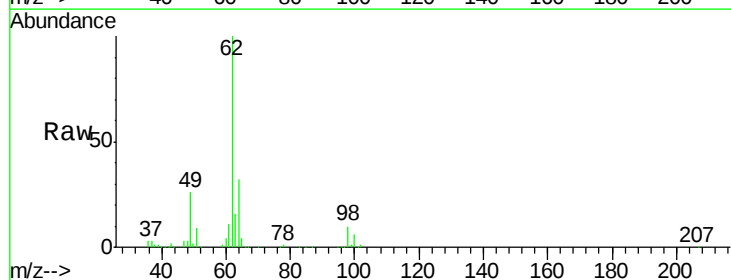
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 272421
Ion Ratio Lower Upper
41 100
39 0.0 48.3 72.5#
67 0.0 74.2 111.4#
52 0.0 30.8 46.2#



#42
1,2-Dichloroethane
Concen: 45.432 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 62 Resp: 260327
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.4

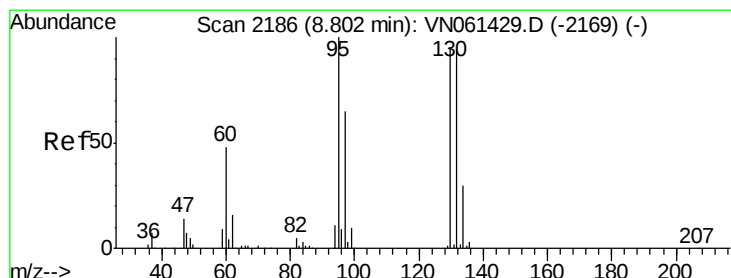
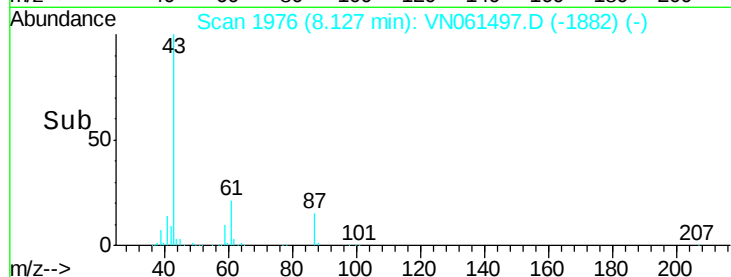
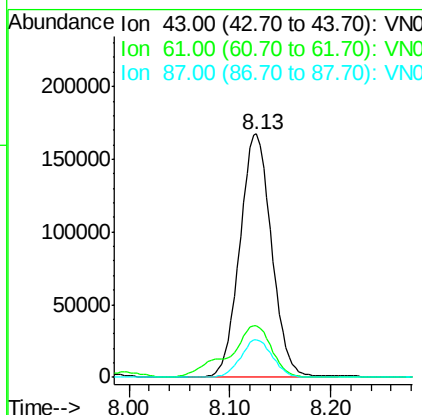
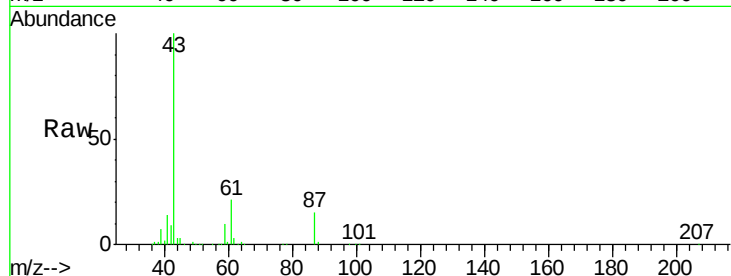




#43
Isopropyl Acetate
Concen: 43.519 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

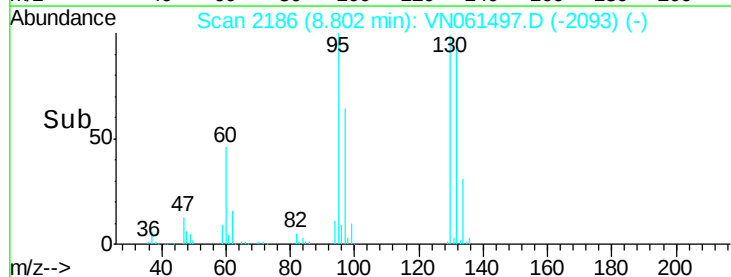
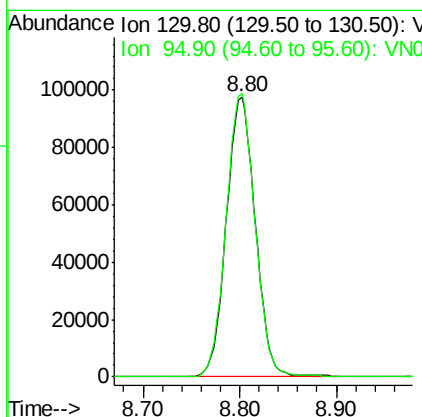
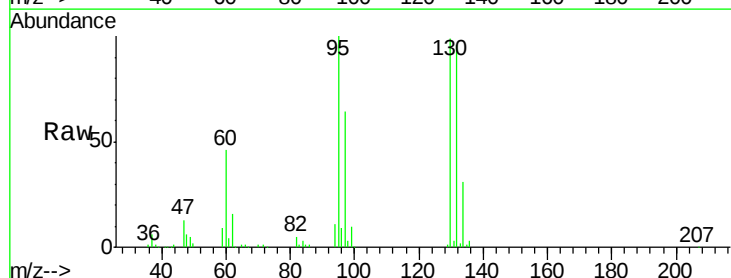
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

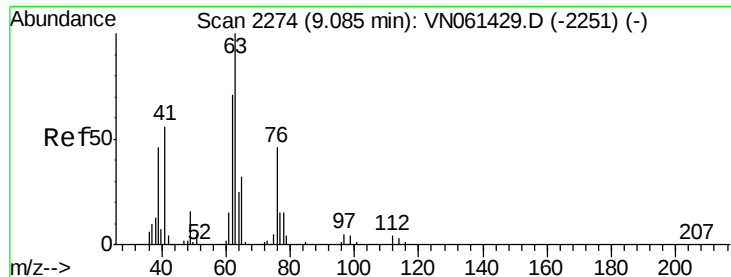
Tot Ion: 43 Resp: 363280
Ion Ratio Lower Upper
43 100
61 21.7 23.0 34.4#
87 15.5 11.6 17.4



#44
Trichloroethene
Concen: 48.742 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 130 Resp: 203126
Ion Ratio Lower Upper
130 100
95 101.2 0.0 209.8





#45

1,2-Dichloropropane

Concen: 46.180 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

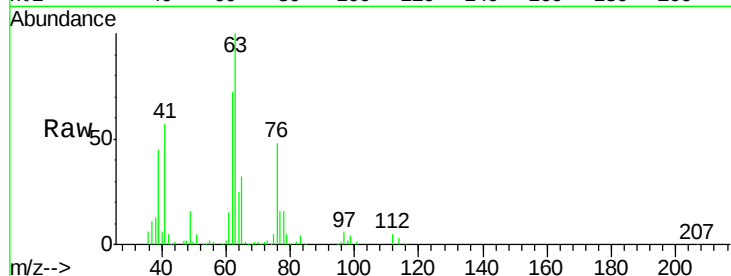
VSTDCCC050EC

Tot Ion: 63 Resp: 183837

Ion Ratio Lower Upper

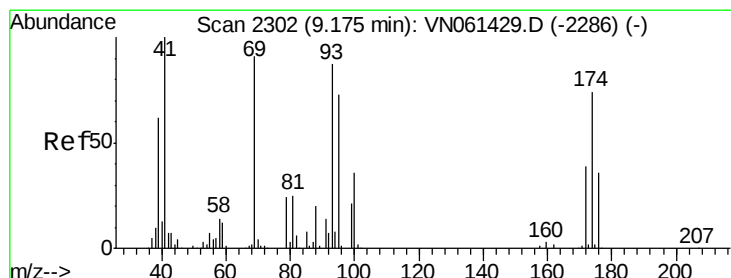
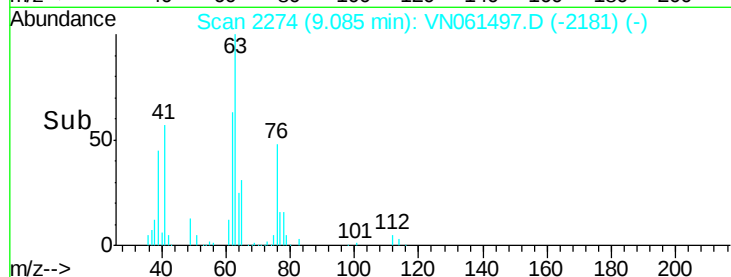
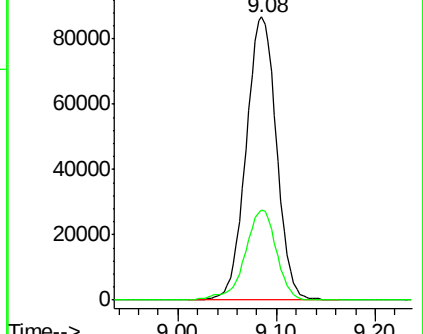
63 100

65 31.8 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN061497.D (-2251) (-)

Ion 64.90 (64.60 to 65.60): VN061497.D (-2251) (-)



#46

Dibromomethane

Concen: 47.862 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

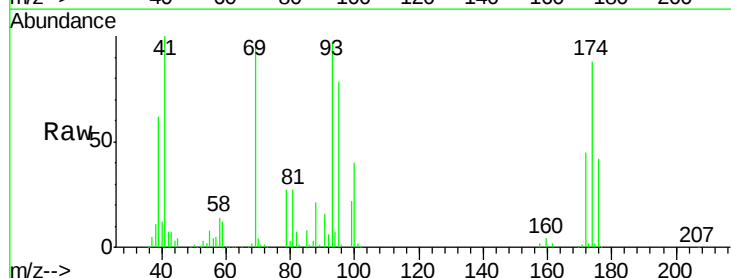
Tgt Ion: 93 Resp: 133569

Ion Ratio Lower Upper

93 100

95 82.7 65.6 98.4

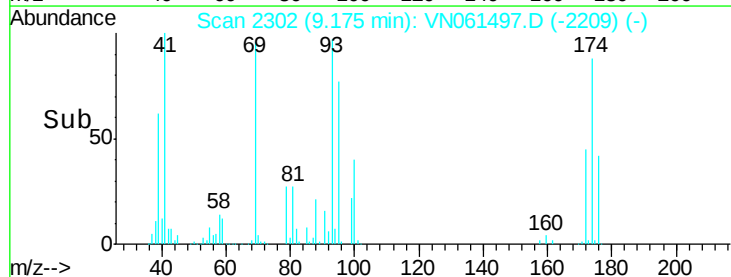
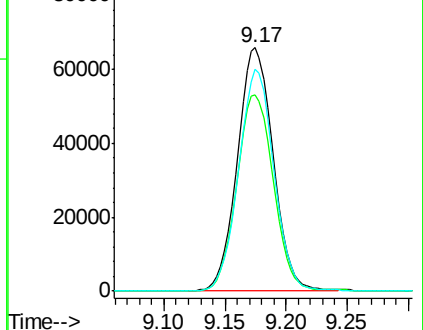
174 89.6 68.0 102.0

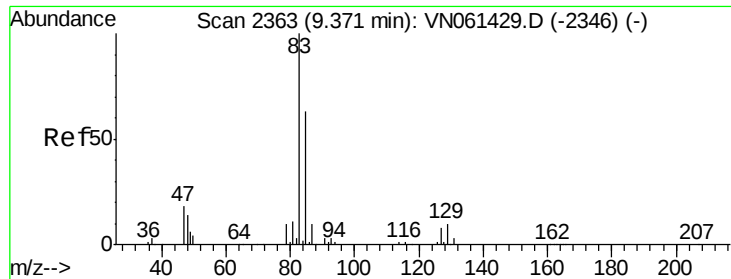


Abundance Ion 92.80 (92.50 to 93.50): VN061497.D (-2286) (-)

Ion 94.80 (94.50 to 95.50): VN061497.D (-2286) (-)

Ion 173.70 (173.40 to 174.40): VN061497.D (-2286) (-)

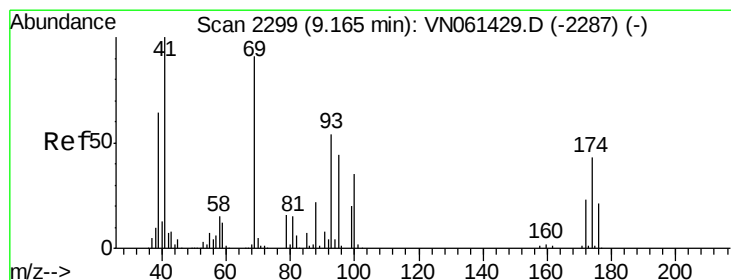
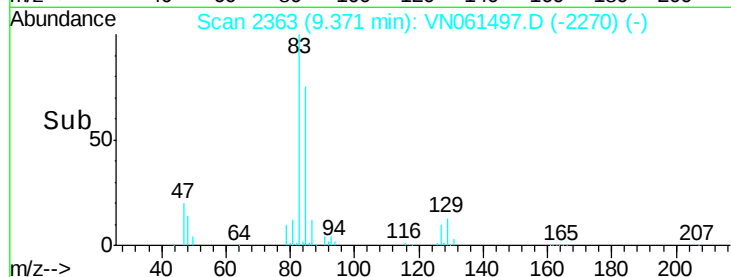
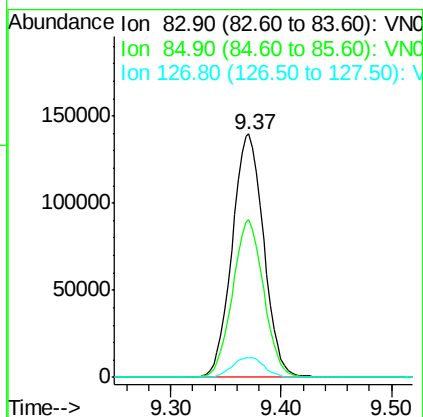
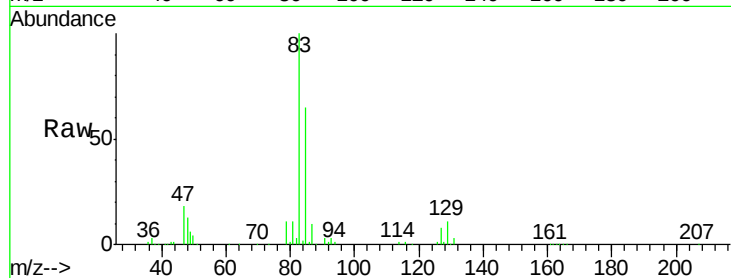




#47
Bromodichloromethane
Concen: 47.077 ug/l
RT: 9.37 min Scan# 2363
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

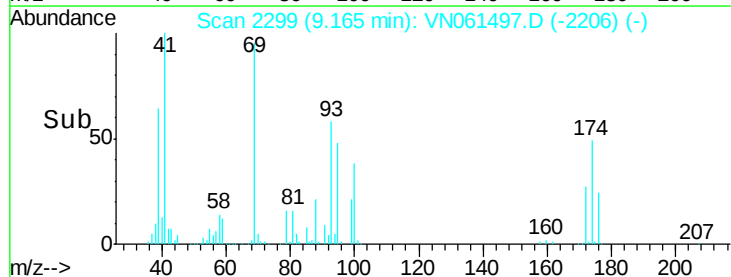
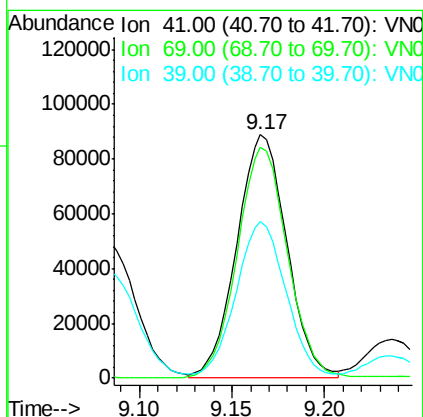
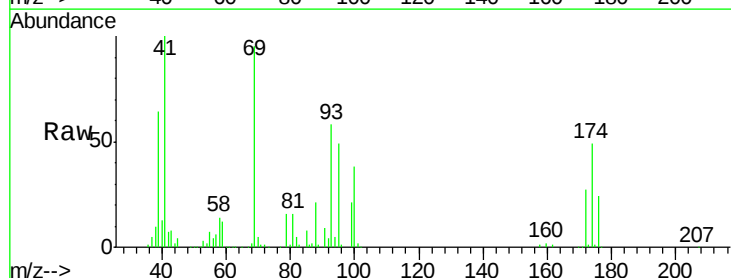
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

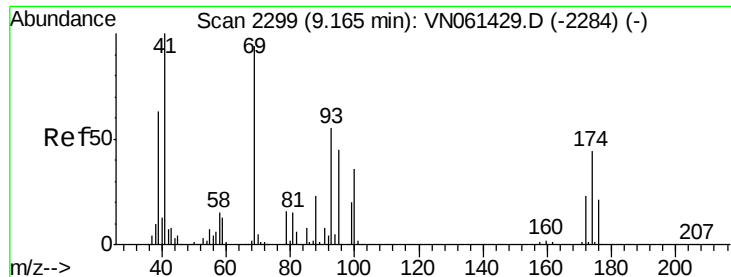
Tot Ion: 83 Resp: 276808
Ion Ratio Lower Upper
83 100
85 64.6 50.6 76.0
127 8.3 6.1 9.1



#48
Methyl methacrylate
Concen: 42.996 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 41 Resp: 165803
Ion Ratio Lower Upper
41 100
69 96.6 75.3 112.9
39 64.5 52.6 79.0

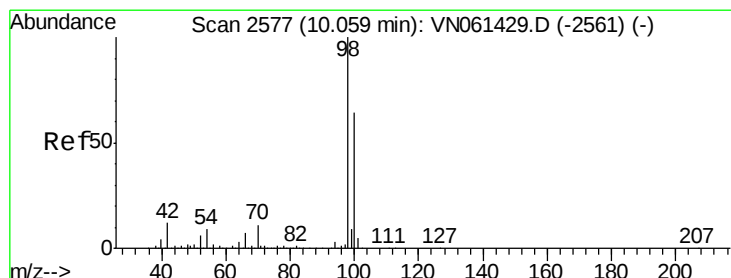
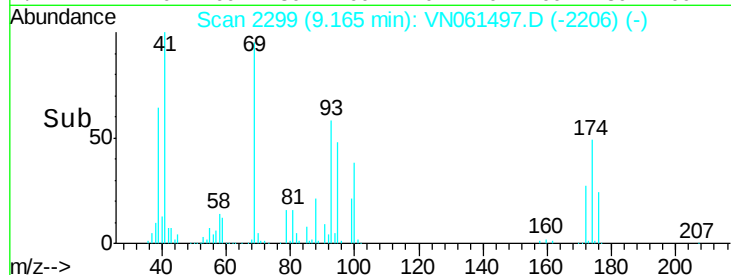
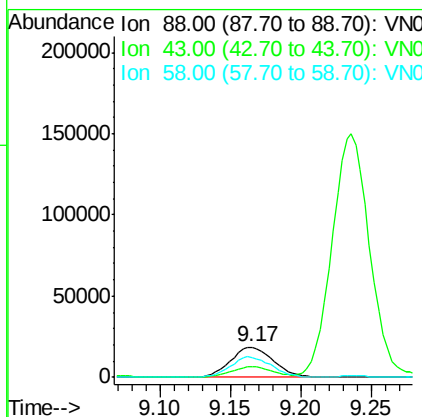
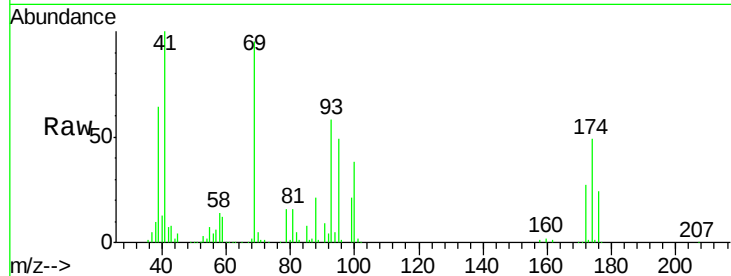




#49
 1,4-Dioxane
 Concen: 972.765 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

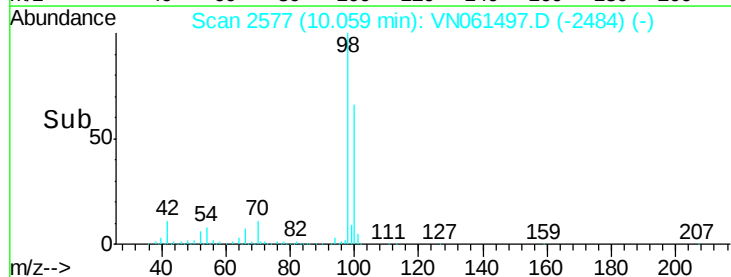
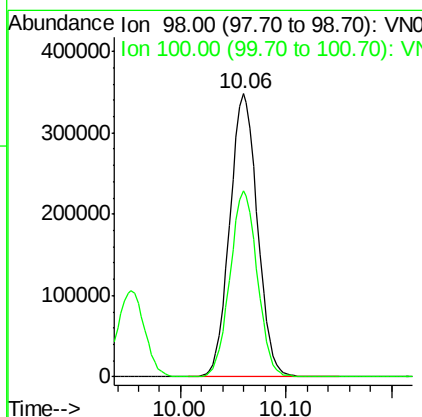
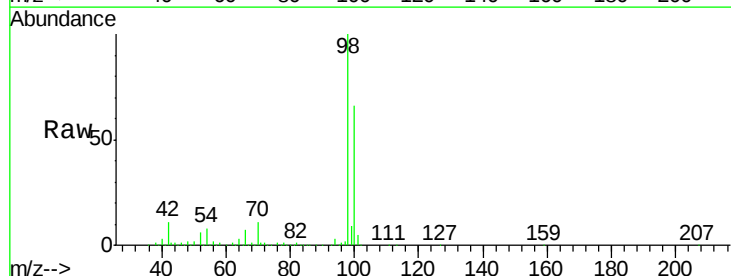
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 88 Resp: 39497
 Ion Ratio Lower Upper
 88 100
 43 32.2 26.3 39.5
 58 65.8 54.1 81.1



#50
 Toluene-d8
 Concen: 46.027 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 98 Resp: 631228
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 222.276 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

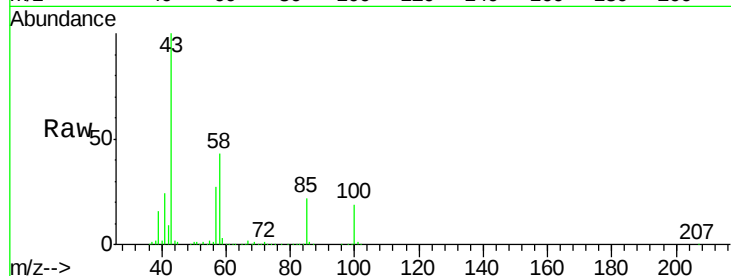
VSTDCCC050EC

Tot Ion: 43 Resp: 1010781

Ion Ratio Lower Upper

43 100

58 43.0 33.4 50.2



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-2524) (-)

Ion 58.00 (57.70 to 58.70): VN061429.D (-2524) (-)

9.95

600000

500000

400000

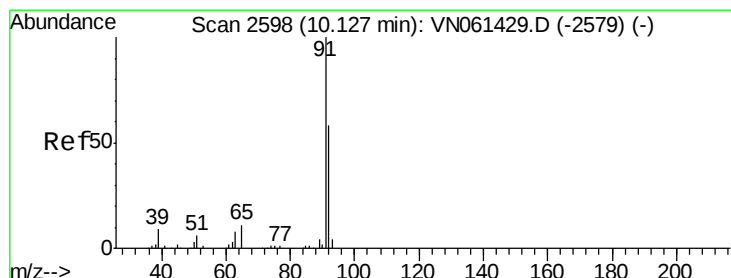
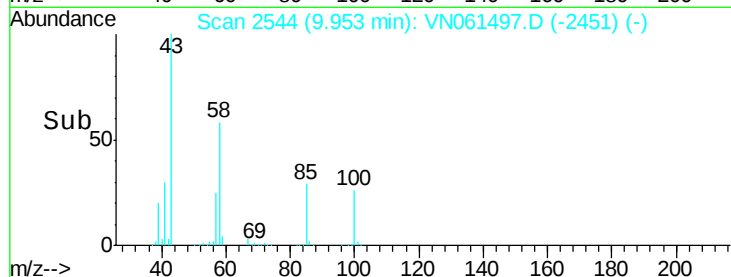
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 47.002 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061497.D

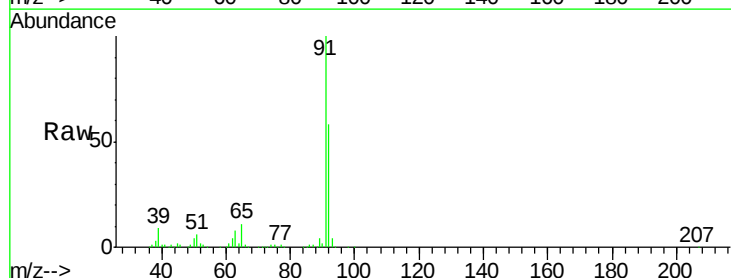
Acq: 19 May 2020 20:37

Tgt Ion: 92 Resp: 479930

Ion Ratio Lower Upper

92 100

91 170.0 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN061429.D (-2579) (-)

Ion 91.00 (90.70 to 91.70): VN061429.D (-2579) (-)

10.12

500000

400000

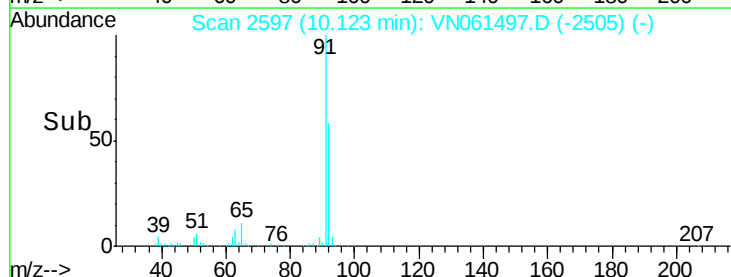
300000

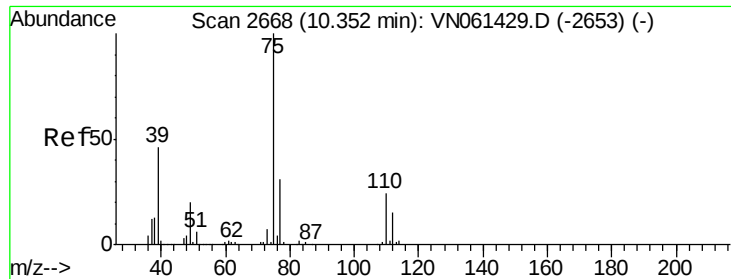
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.386 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

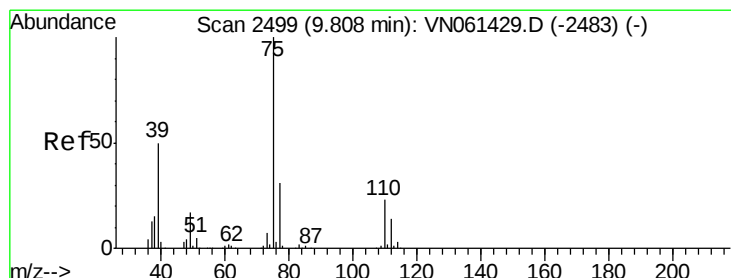
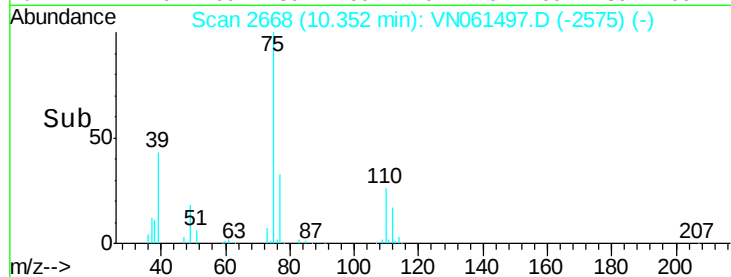
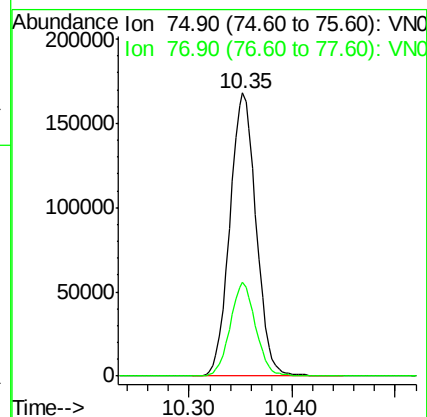
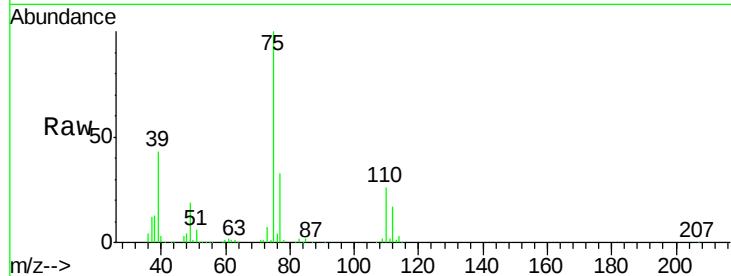
VSTDCCC050EC

Tot Ion: 75 Resp: 298940

Ion Ratio Lower Upper

75 100

77 33.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 46.456 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

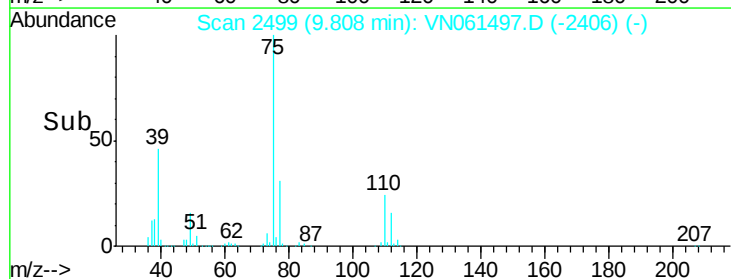
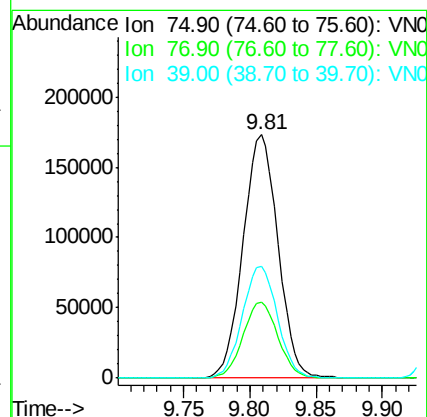
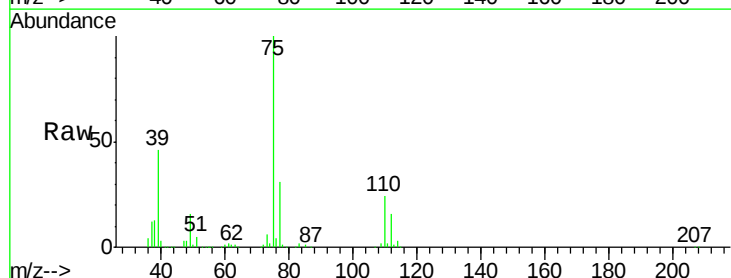
Tgt Ion: 75 Resp: 318261

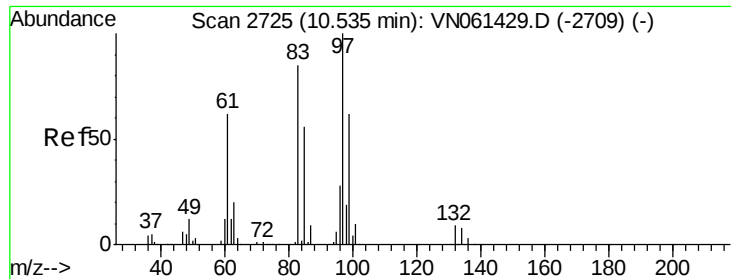
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 46.0 39.8 59.6

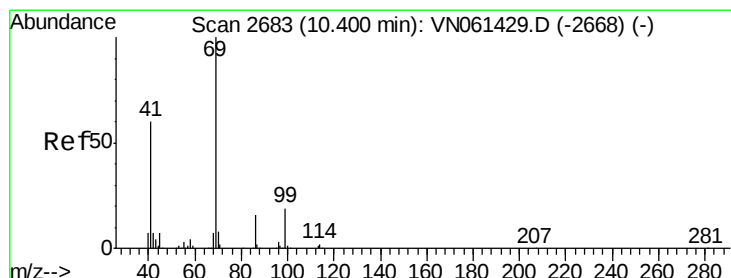
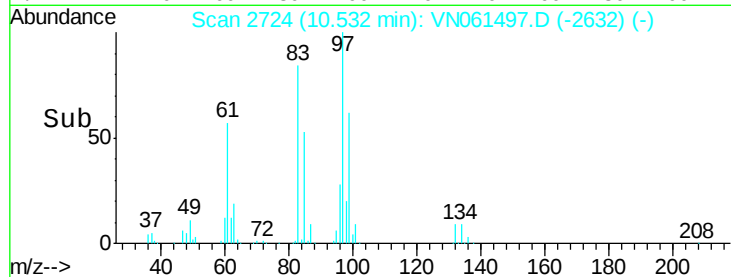
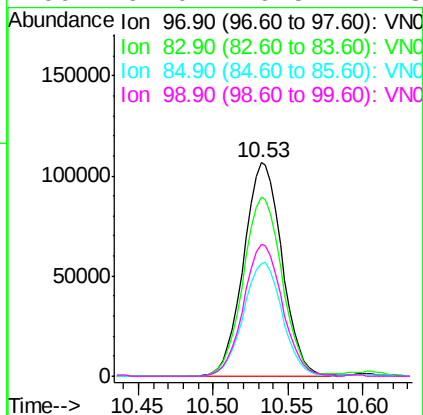
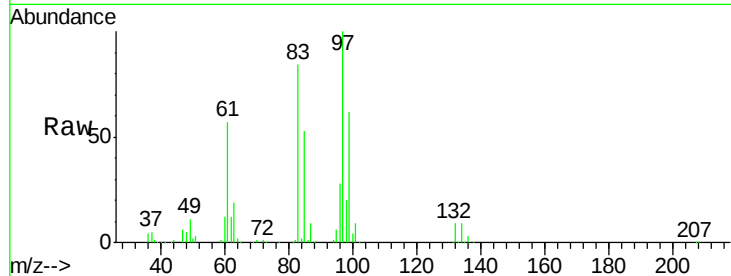




#55
 1,1,2-Trichloroethane
 Concen: 49.468 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

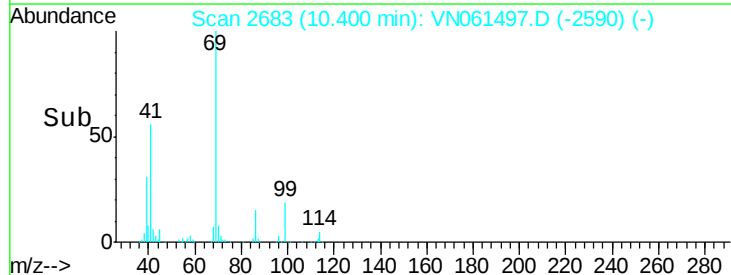
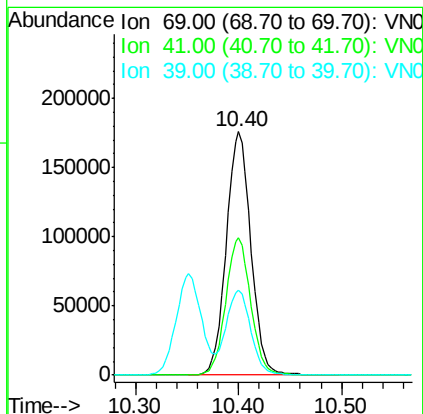
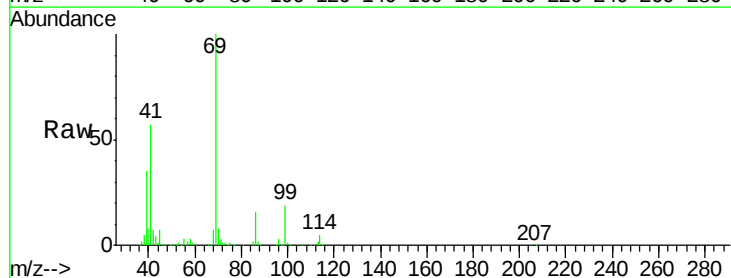
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

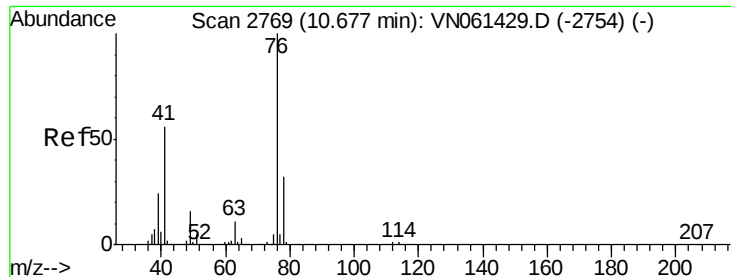
Tot Ion:	97	Resp:	190965
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.2	102.4
85	53.0	44.6	67.0
99	62.0	49.5	74.3



#56
 Ethyl methacrylate
 Concen: 48.419 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion:	69	Resp:	292221
Ion	Ratio	Lower	Upper
69	100		
41	56.3	48.3	72.5
39	34.9	30.2	45.2





#57

1,3-Dichloropropane

Concen: 47.286 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

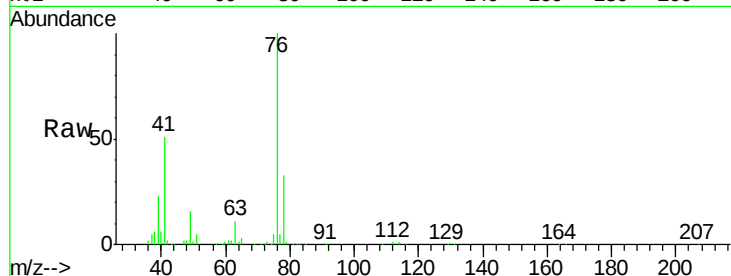
VSTDCCC050EC

Tot Ion: 76 Resp: 315469

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

150000

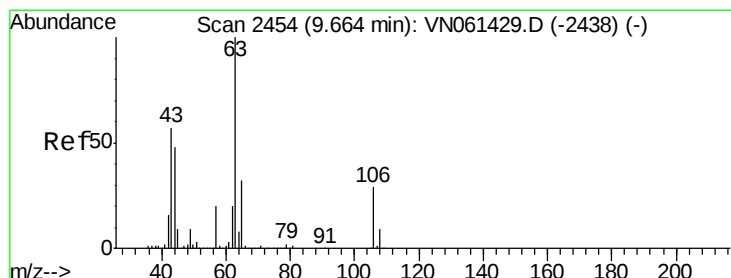
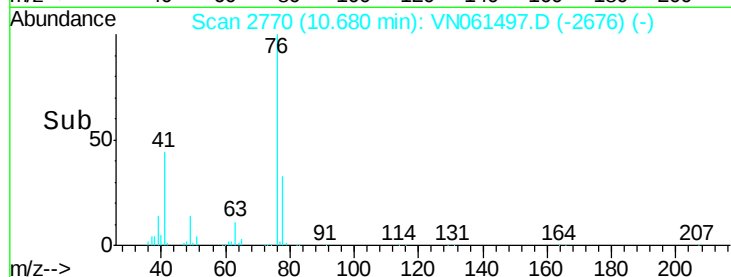
100000

50000

0

Time-->

10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 223.153 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN061497.D

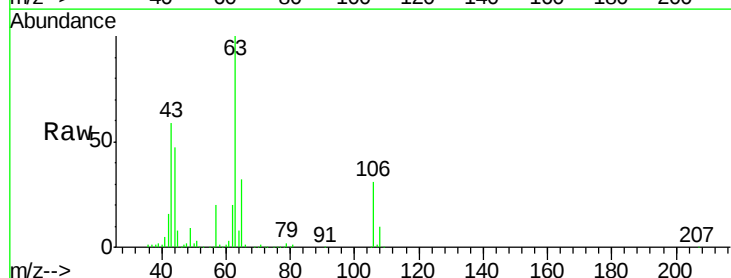
Acq: 19 May 2020 20:37

Tgt Ion: 63 Resp: 591154

Ion Ratio Lower Upper

63 100

106 30.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

300000

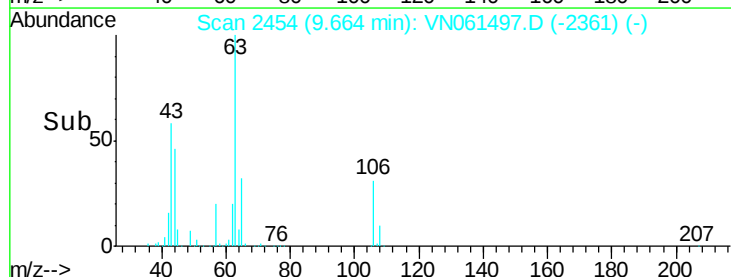
200000

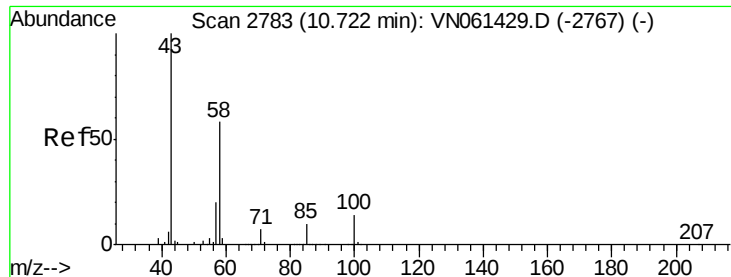
100000

0

Time-->

9.60 9.70 9.80

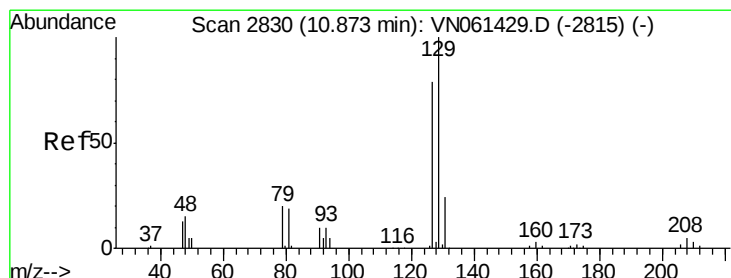
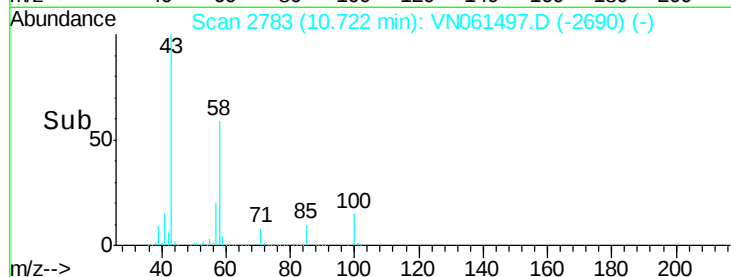
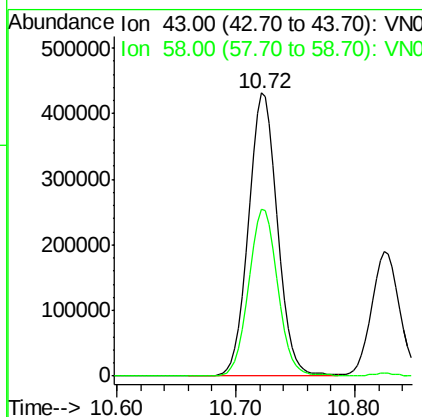
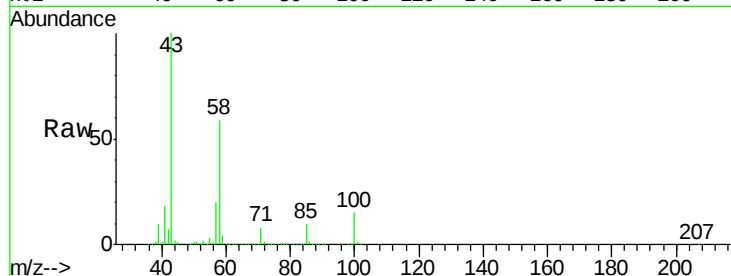




#59
2-Hexanone
Concen: 220.805 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

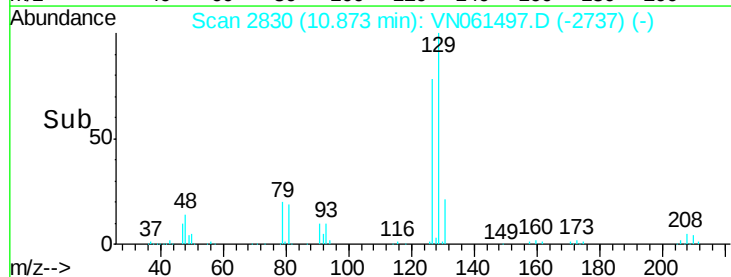
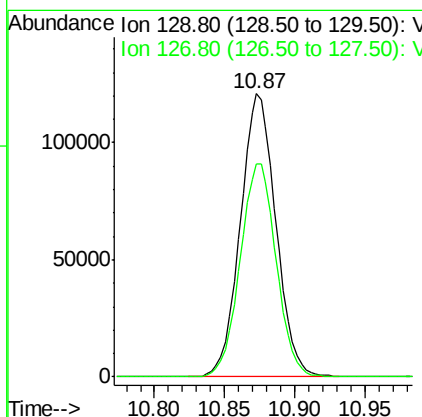
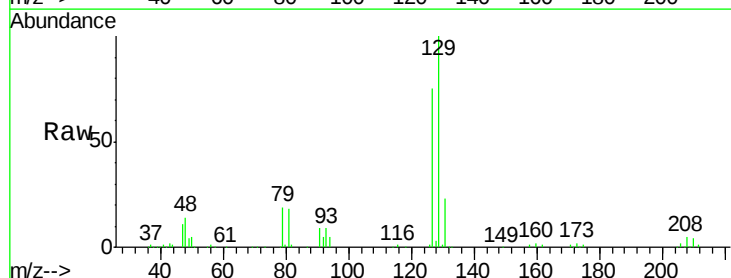
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

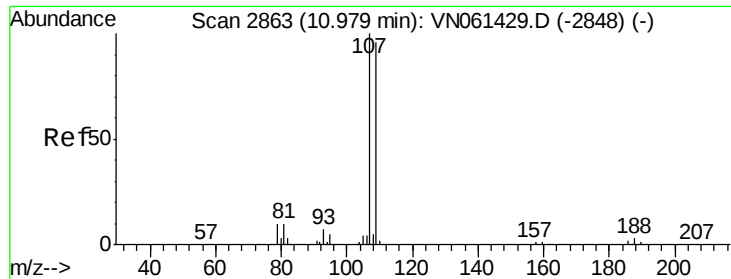
Tot Ion: 43 Resp: 726448
Ion Ratio Lower Upper
43 100
58 59.5 29.2 87.6



#60
Dibromochloromethane
Concen: 49.942 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 129 Resp: 213260
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.262 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

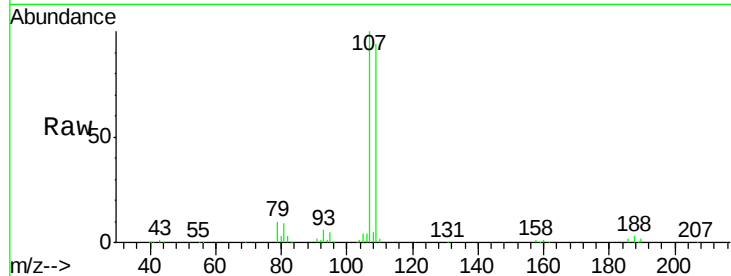
VSTDCCC050EC

Tot Ion:107 Resp: 199949

Ion Ratio Lower Upper

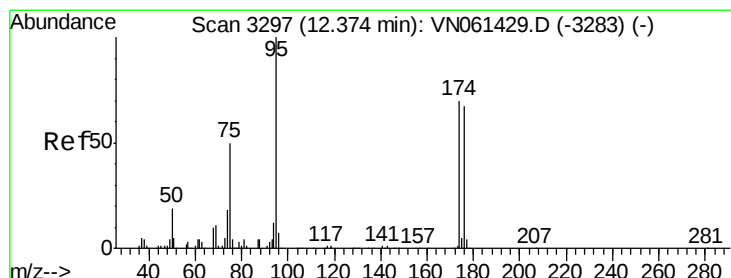
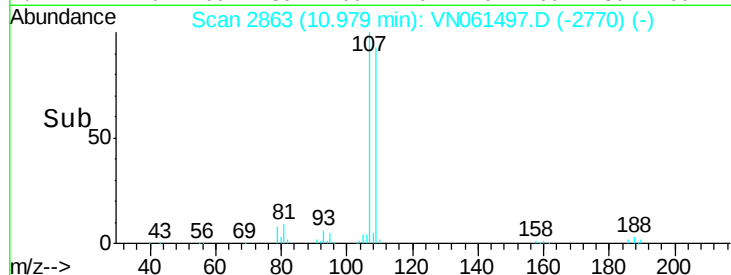
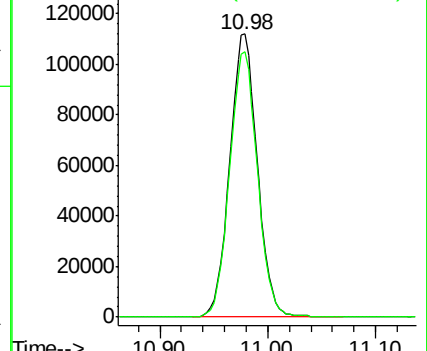
107 100

109 94.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.824 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

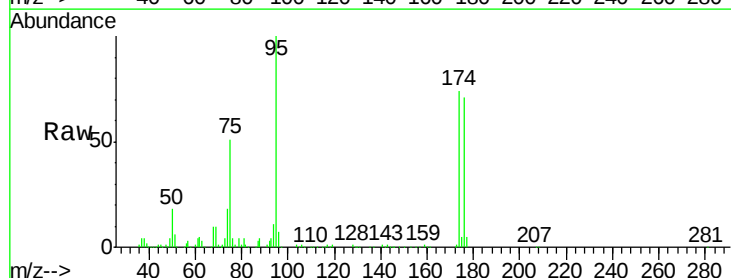
Tgt Ion: 95 Resp: 229672

Ion Ratio Lower Upper

95 100

174 74.1 0.0 141.2

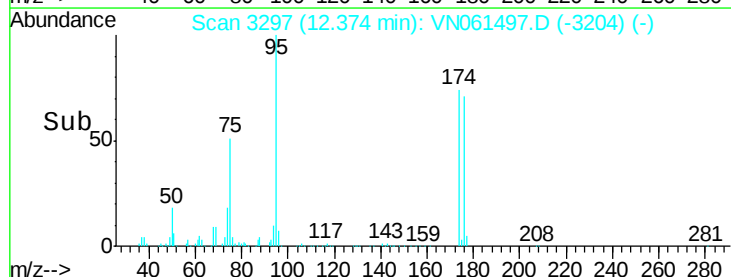
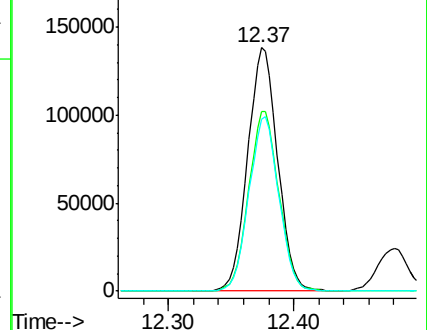
176 71.7 0.0 137.6

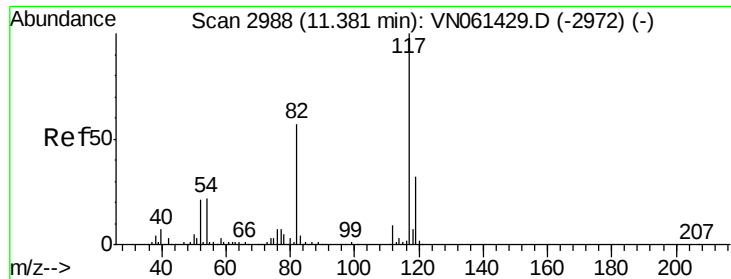


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

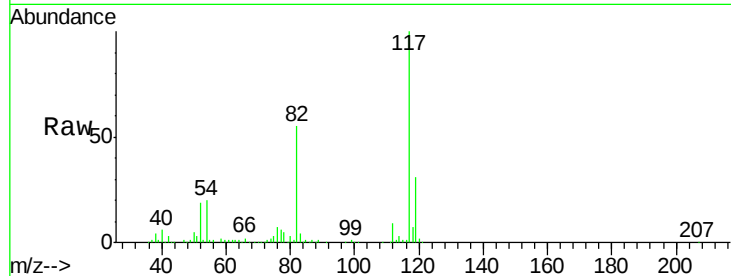
Tot Ion:117 Resp: 516857

Ion Ratio Lower Upper

117 100

82 54.6 45.2 67.8

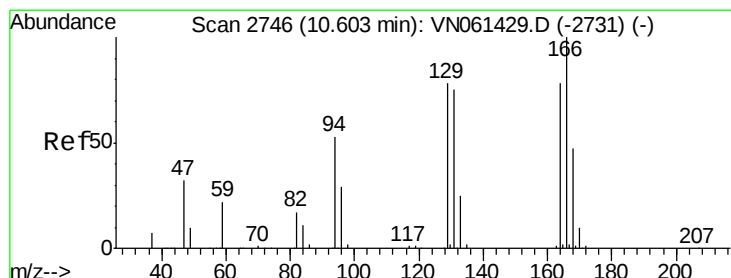
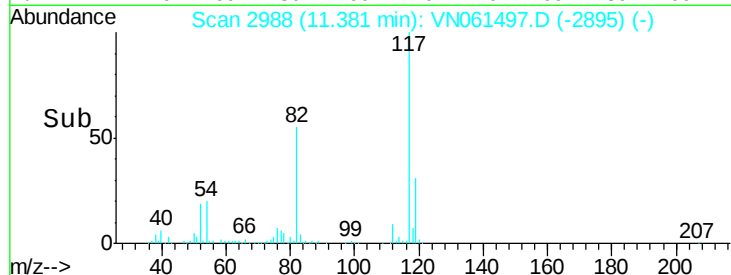
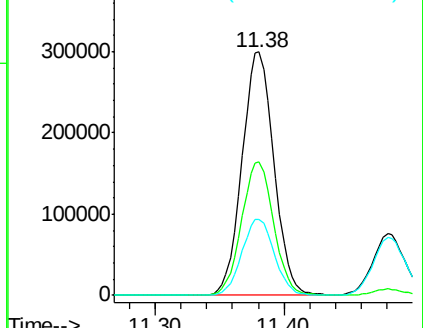
119 31.4 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 41.912 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion:164 Resp: 167589

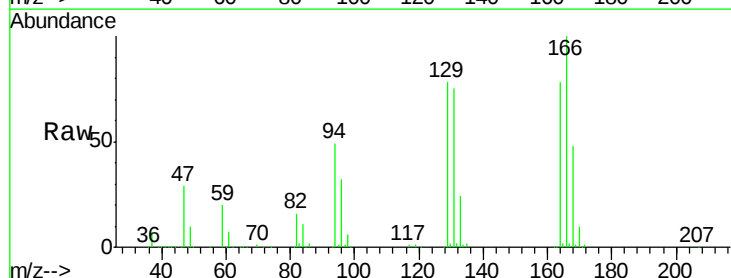
Ion Ratio Lower Upper

164 100

166 128.8 103.2 154.8

129 100.4 81.0 121.4

131 96.5 77.3 115.9

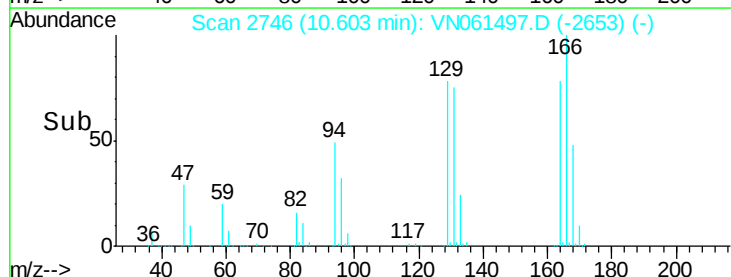
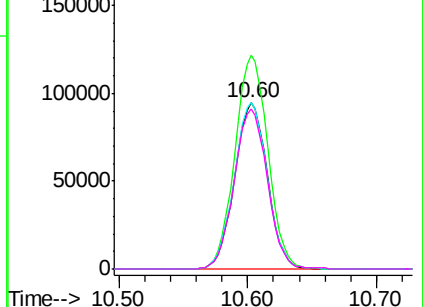


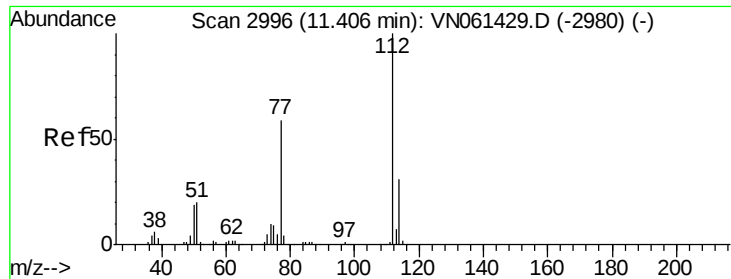
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.252 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

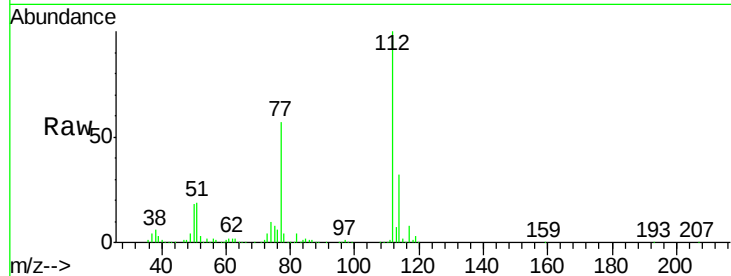
VSTDCCC050EC

Tot Ion:112 Resp: 508567

Ion Ratio Lower Upper

112 100

114 31.5 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

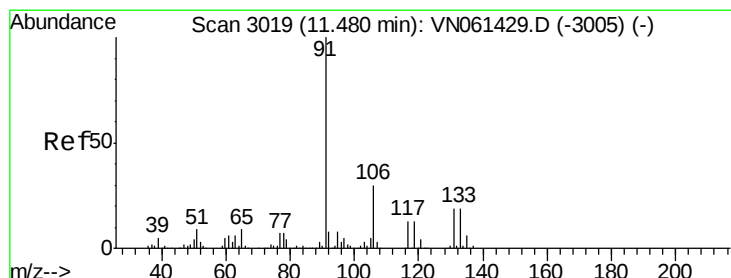
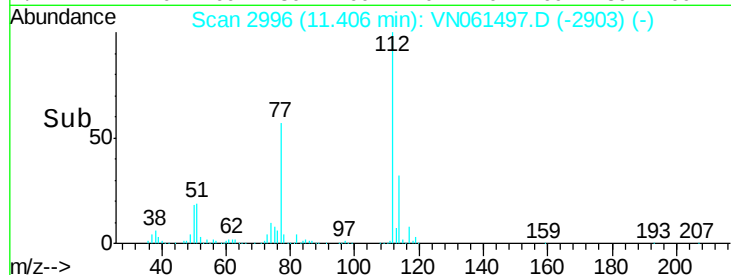
300000

200000

100000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 49.496 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

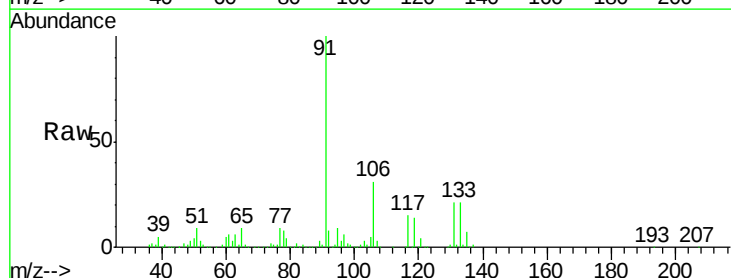
Tgt Ion:131 Resp: 187026

Ion Ratio Lower Upper

131 100

133 96.0 48.7 146.1

119 66.7 33.8 101.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

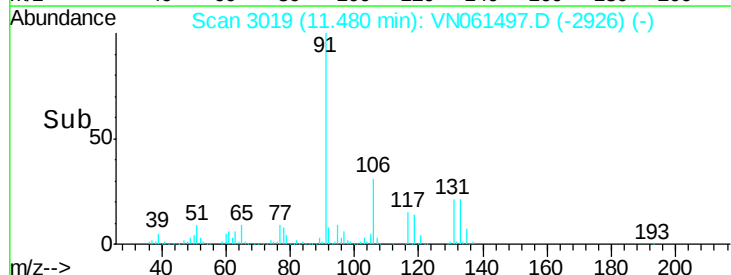
11.48

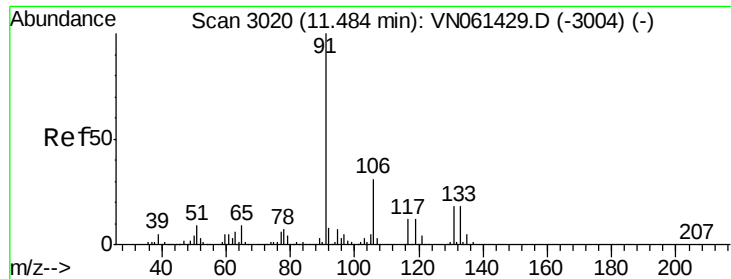
100000

50000

0

Time--> 11.40 11.50

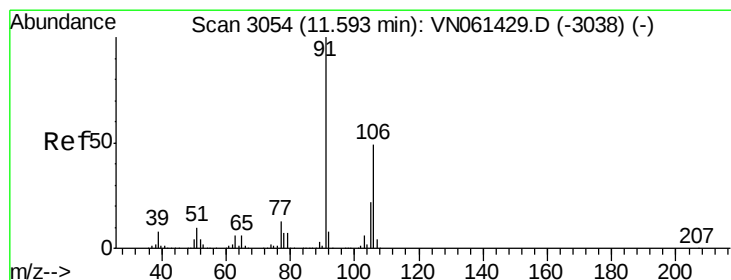
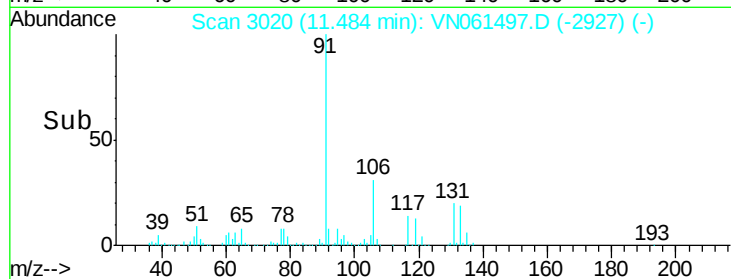
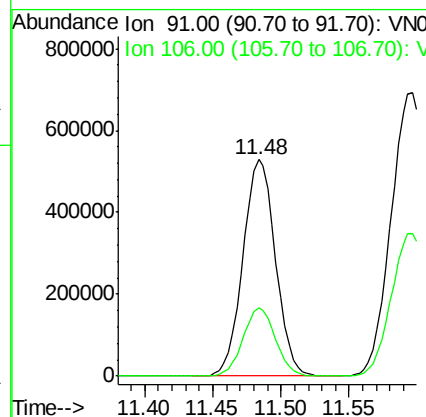
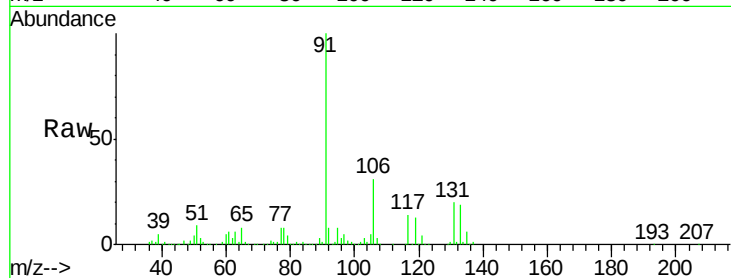




#67
Ethyl Benzene
Concen: 45.494 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

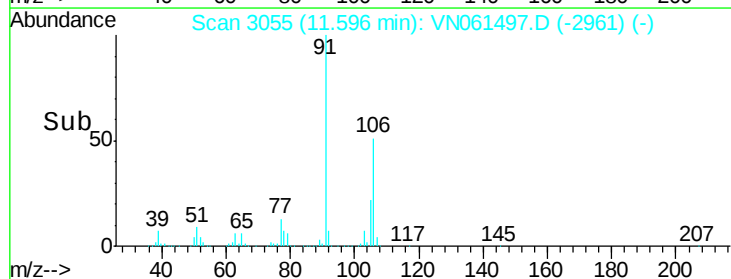
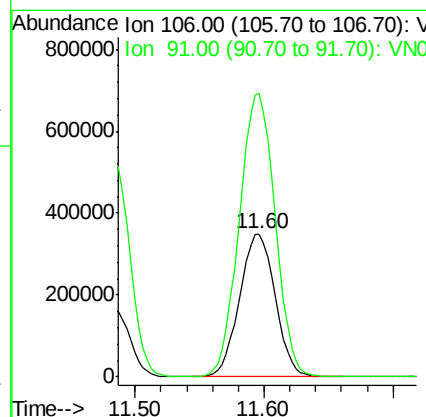
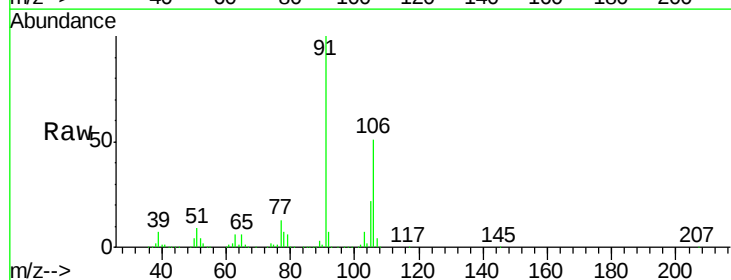
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

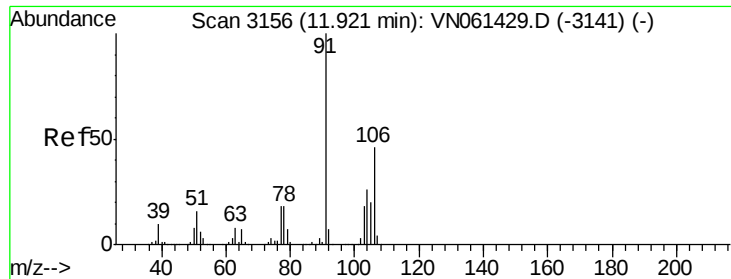
Tot Ion: 91 Resp: 875270
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 91.638 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 106 Resp: 669210
Ion Ratio Lower Upper
106 100
91 199.9 163.0 244.6

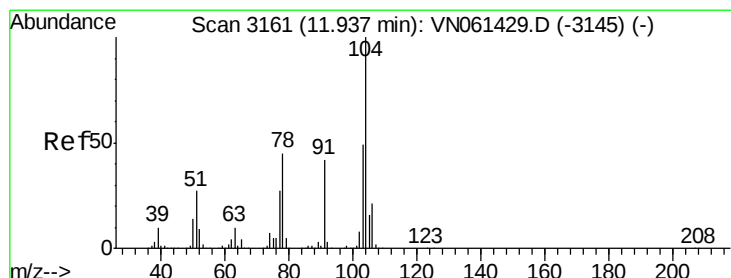
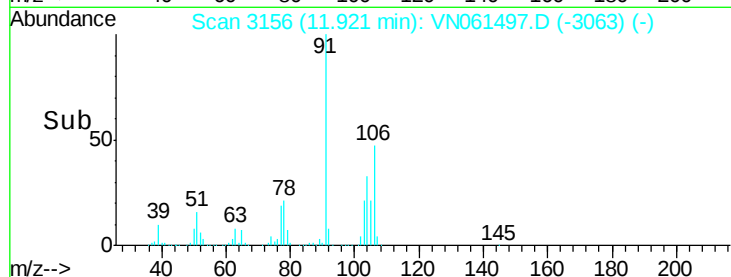
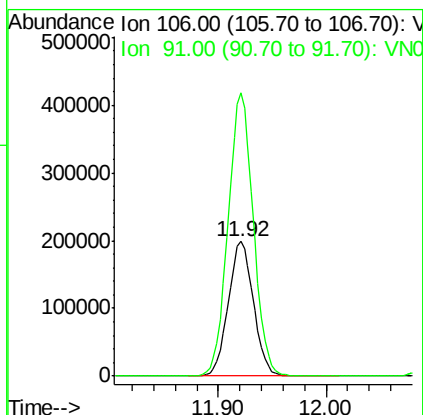
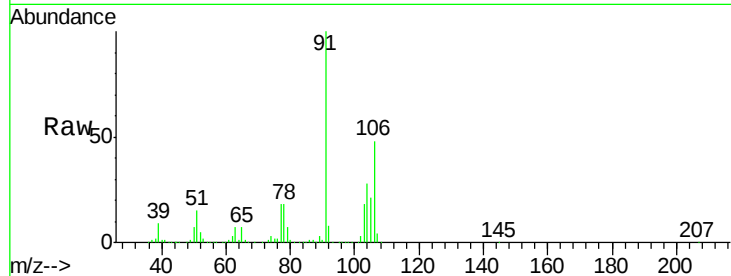




#69
o-Xylene
Concen: 45.807 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

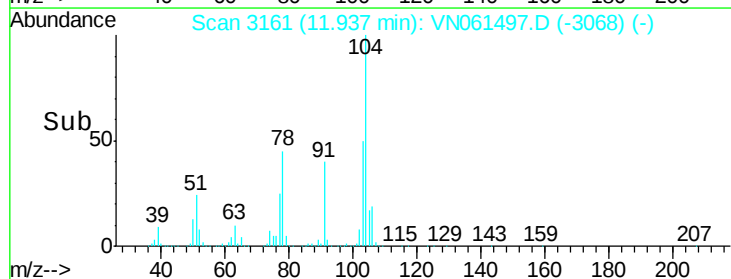
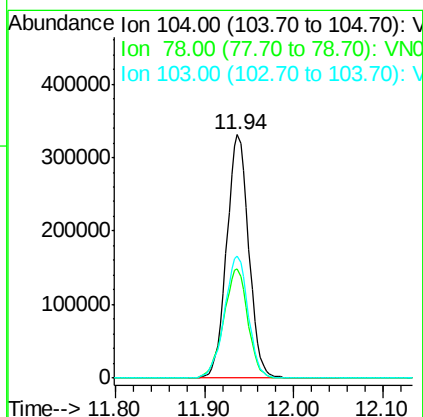
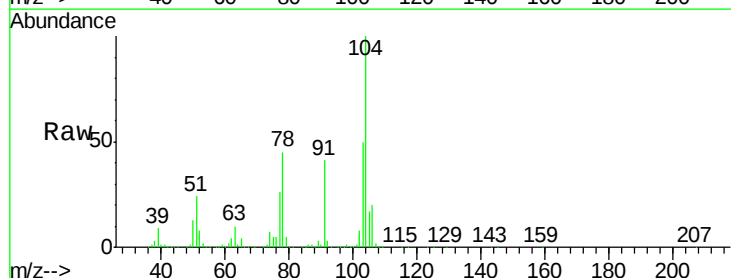
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

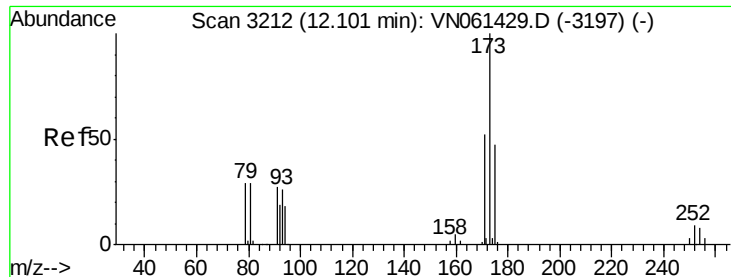
Tot Ion:106 Resp: 323721
Ion Ratio Lower Upper
106 100
91 209.8 107.9 323.7



#70
Styrene
Concen: 48.338 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion:104 Resp: 565688
Ion Ratio Lower Upper
104 100
78 49.3 40.7 61.1
103 53.9 43.0 64.4





#71

Bromoform

Concen: 46.338 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

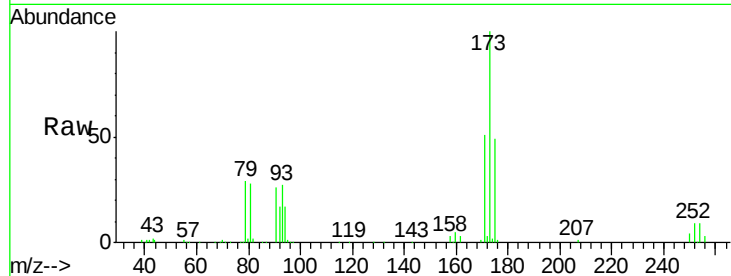
Tot Ion:173 Resp: 135704

Ion Ratio Lower Upper

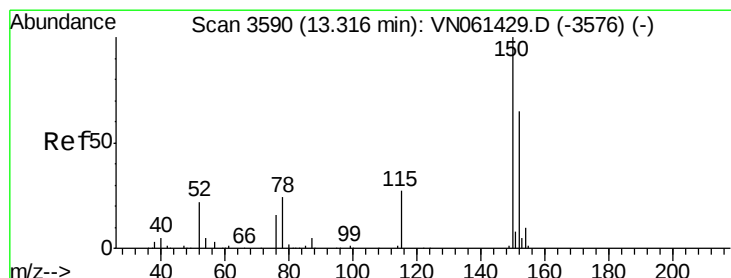
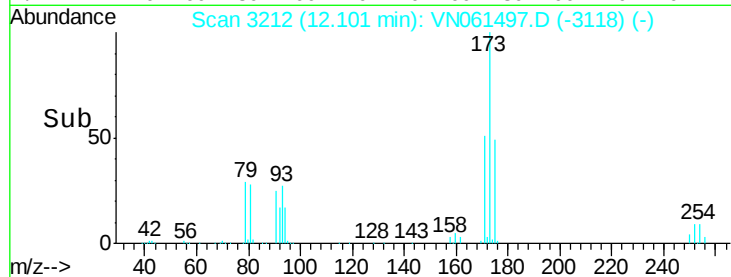
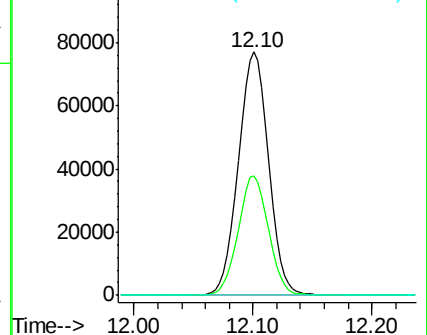
173 100

175 49.2 23.9 71.8

254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

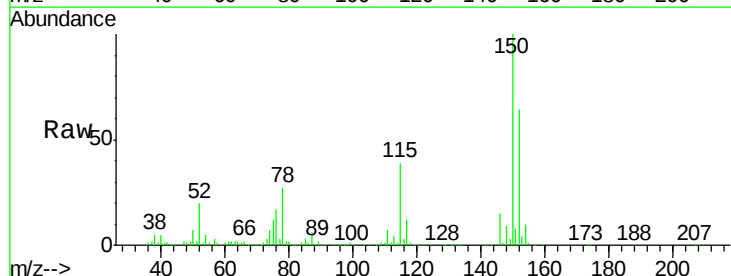
Tgt Ion:152 Resp: 225813

Ion Ratio Lower Upper

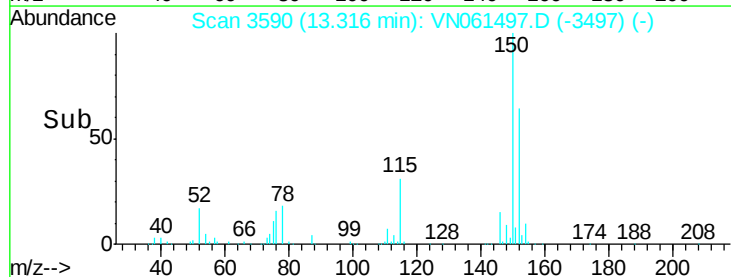
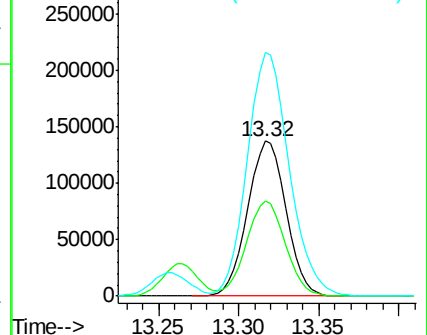
152 100

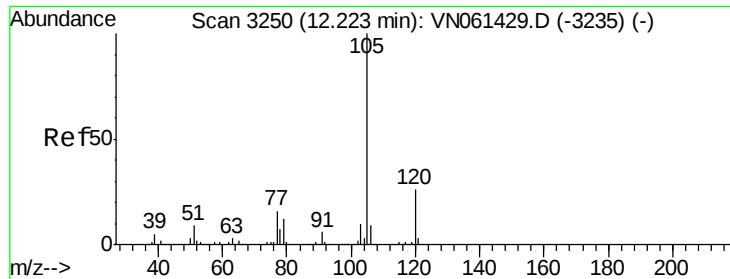
115 61.2 30.9 92.5

150 171.5 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 42.888 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

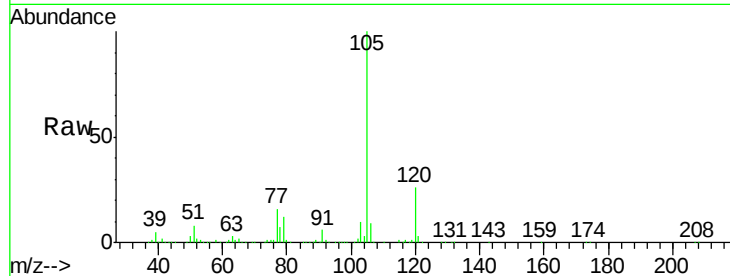
VSTDCCC050EC

Tot Ion:105 Resp: 777485

Ion Ratio Lower Upper

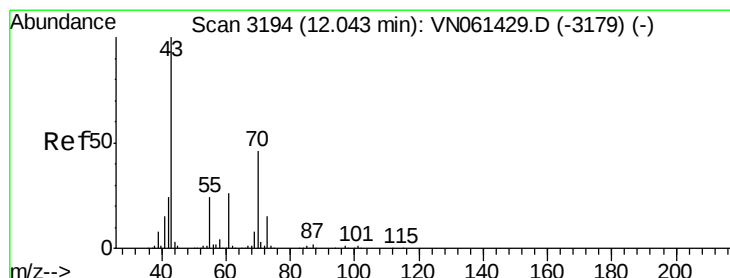
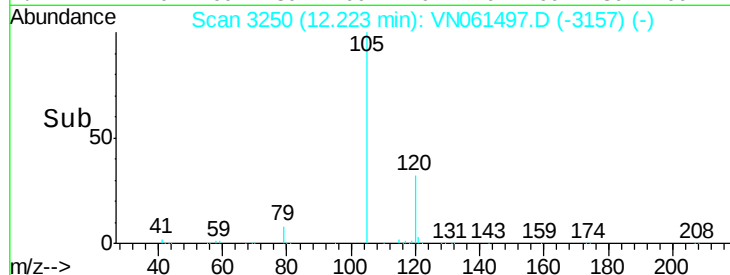
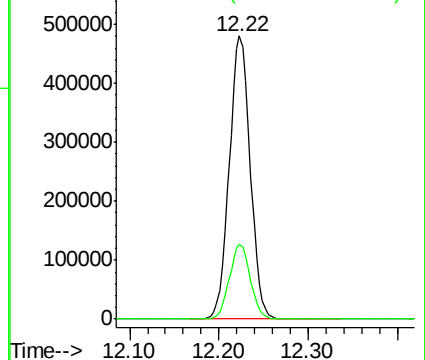
105 100

120 26.5 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.215 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion: 43 Resp: 319930

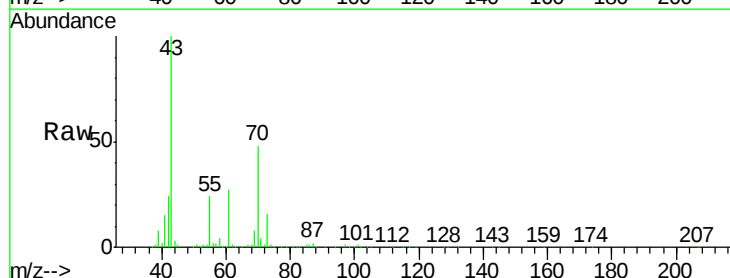
Ion Ratio Lower Upper

43 100

70 48.6 37.0 55.4

55 24.7 19.5 29.3

61 26.5 20.8 31.2

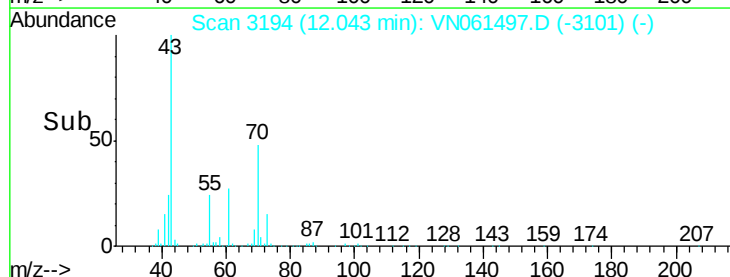
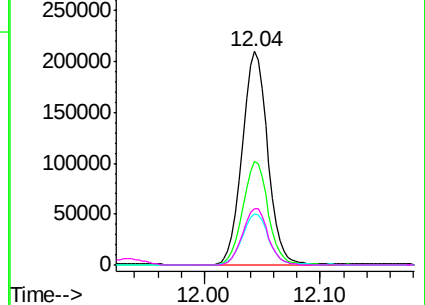


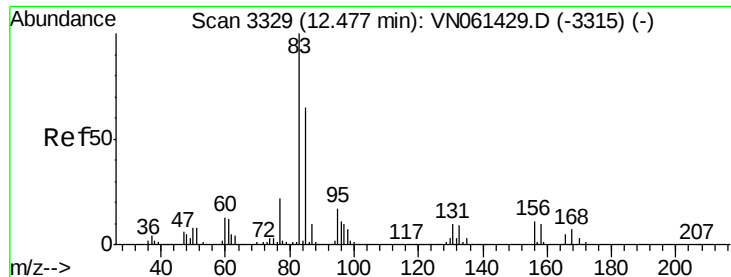
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.173 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

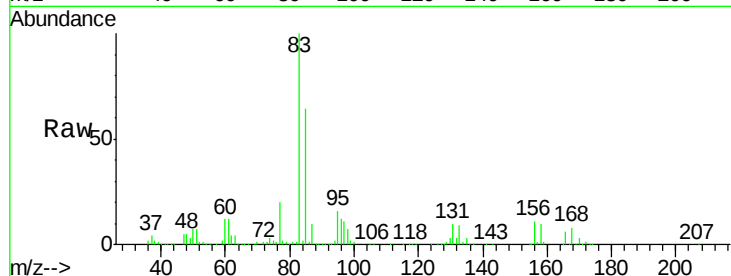
Tot Ion: 83 Resp: 250241

Ion Ratio Lower Upper

83 100

131 10.6 4.8 14.4

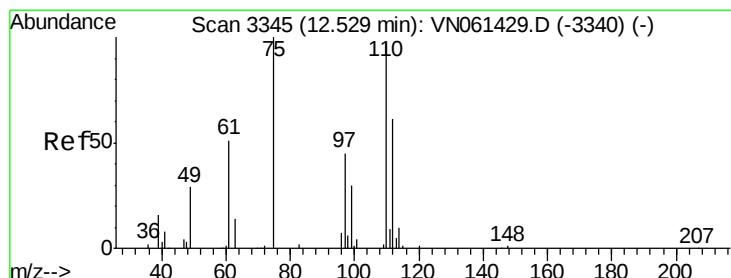
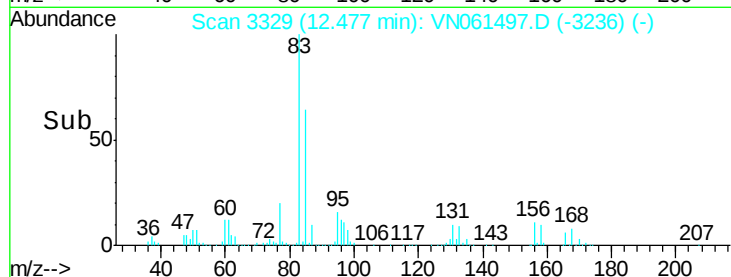
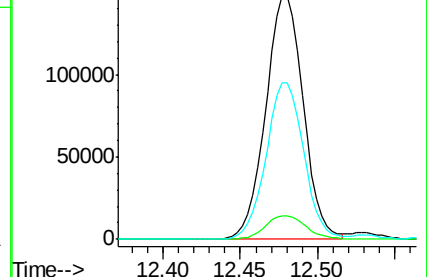
85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 67.439 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061497.D

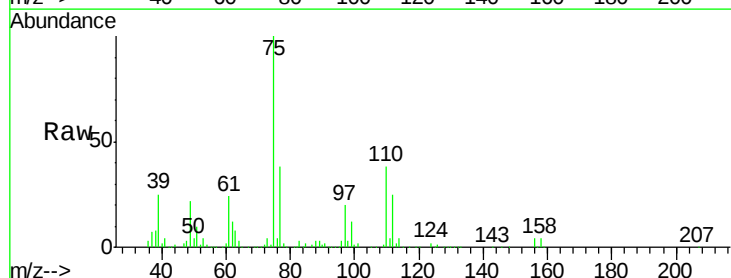
Acq: 19 May 2020 20:37

Tgt Ion: 75 Resp: 326767

Ion Ratio Lower Upper

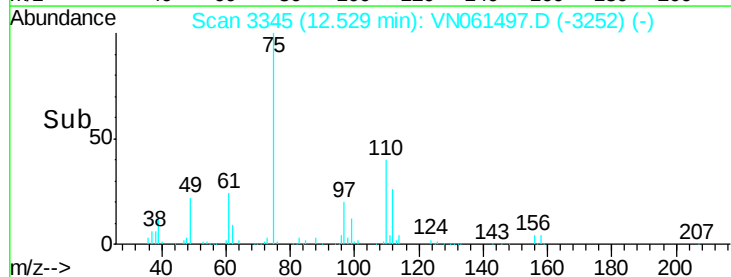
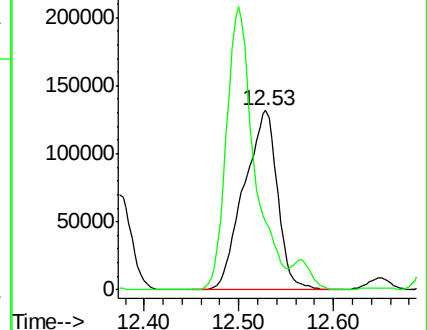
75 100

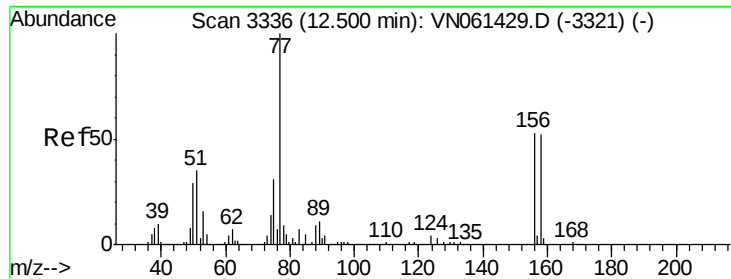
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

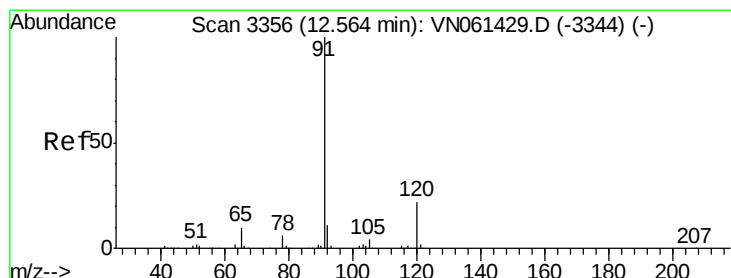
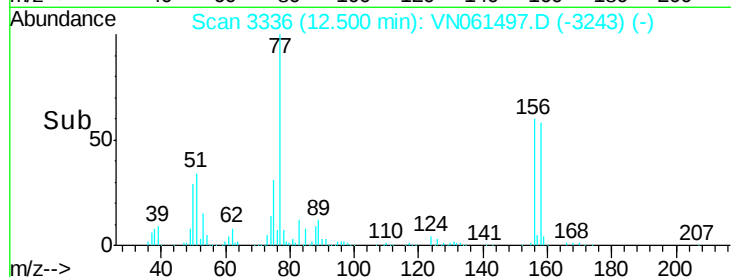
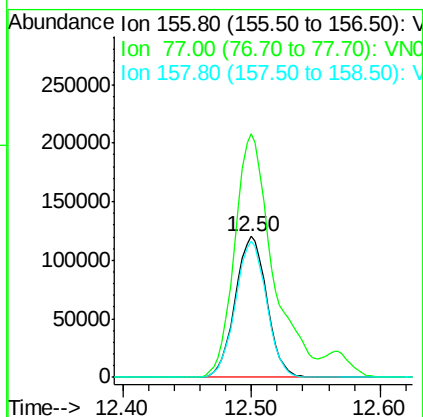
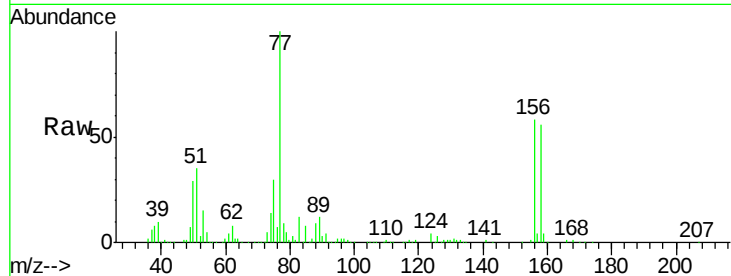




#77
Bromobenzene
Concen: 51.910 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

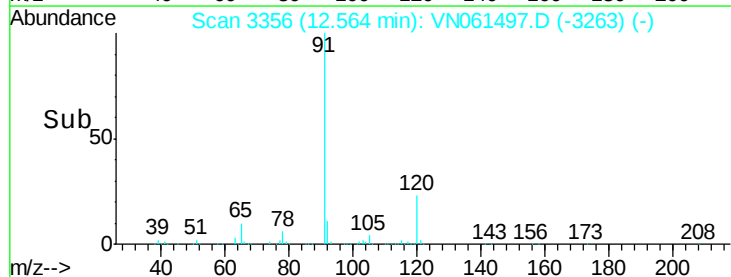
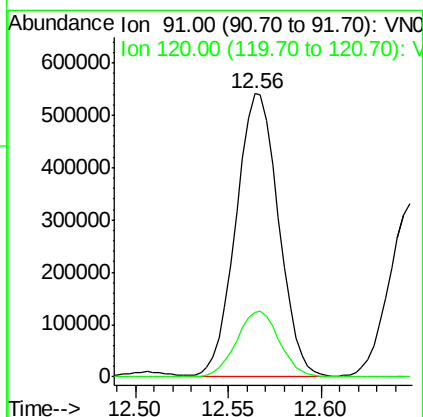
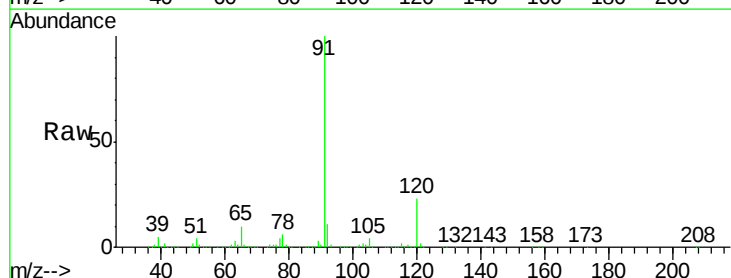
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:156 Resp: 204227
Ion Ratio Lower Upper
156 100
77 208.5 112.3 336.9
158 95.9 47.9 143.6



#78
n-propylbenzene
Concen: 41.887 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 91 Resp: 865187
Ion Ratio Lower Upper
91 100
120 23.2 11.2 33.6

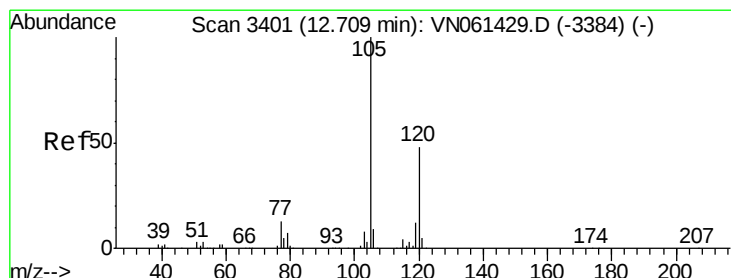
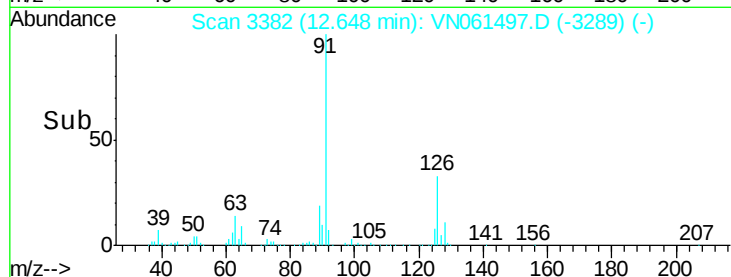
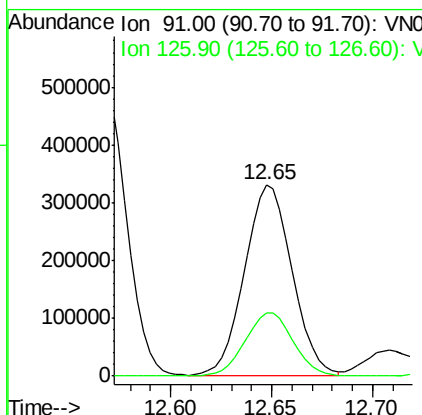
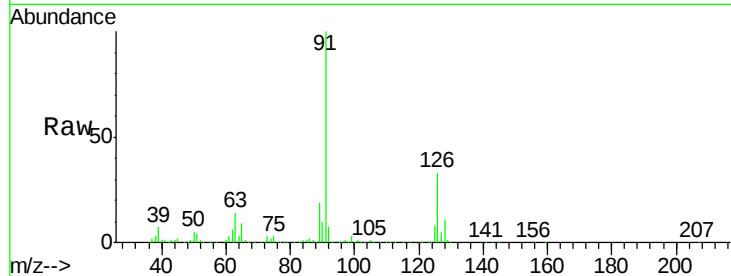




#79
 2-Chlorotoluene
 Concen: 44.821 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

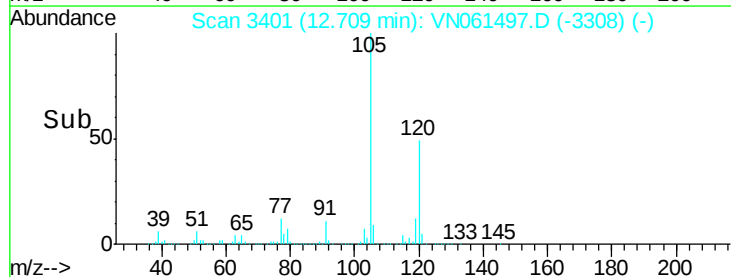
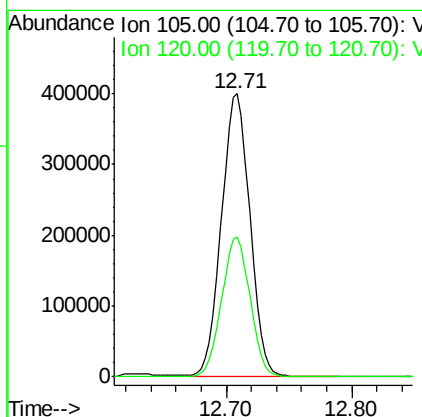
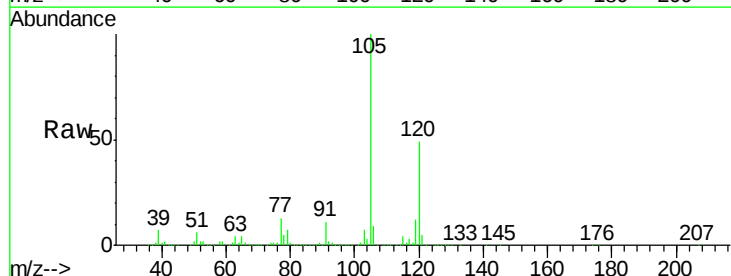
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

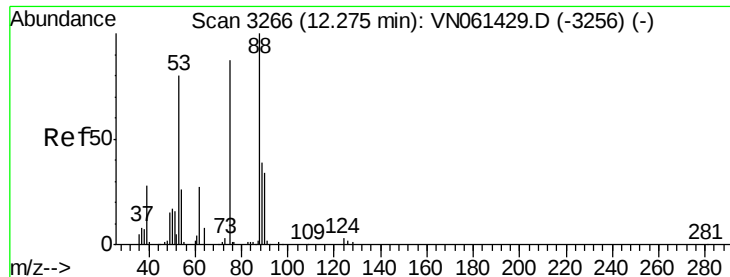
Tot Ion: 91 Resp: 547209
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 42.425 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 105 Resp: 629718
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.504 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

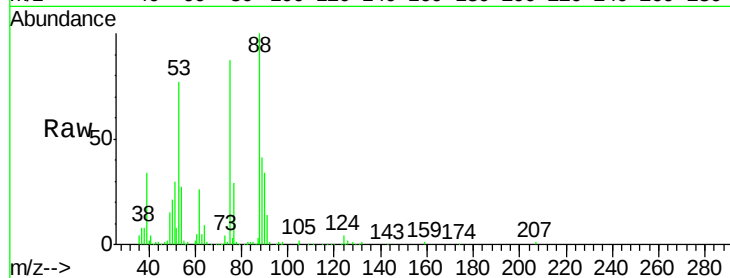
Tot Ion: 75 Resp: 83115

Ion Ratio Lower Upper

75 100

53 91.5 75.2 112.8

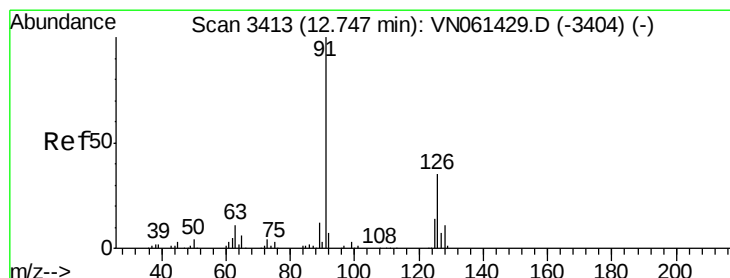
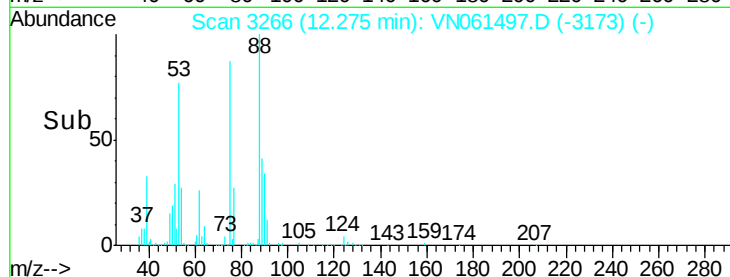
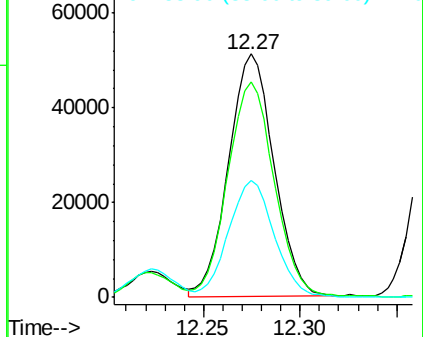
89 48.9 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 45.846 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061497.D

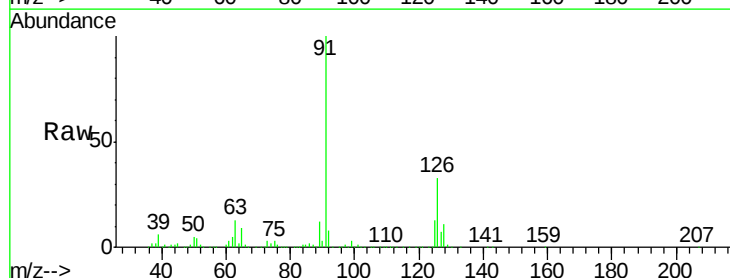
Acq: 19 May 2020 20:37

Tgt Ion: 91 Resp: 579568

Ion Ratio Lower Upper

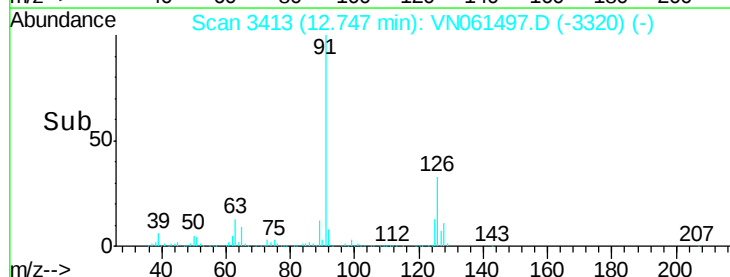
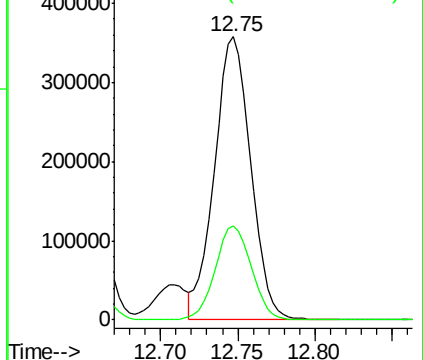
91 100

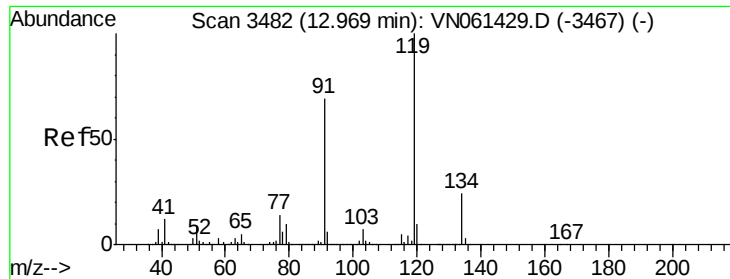
126 33.4 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

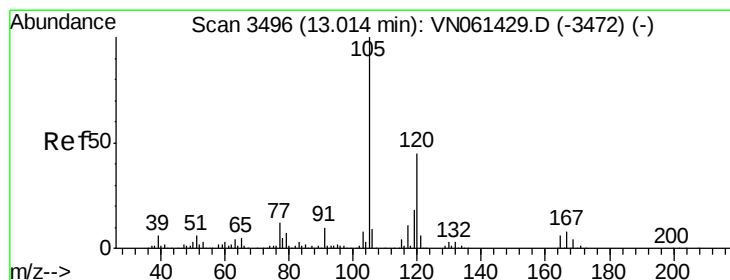
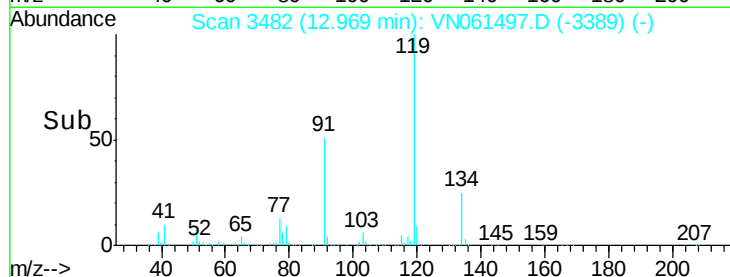
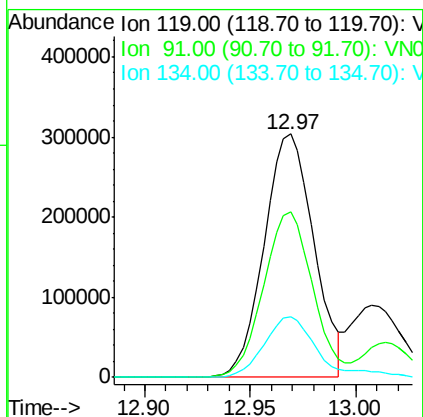
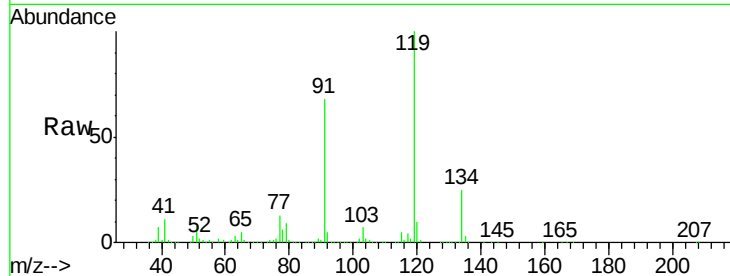




#83
 tert-Butylbenzene
 Concen: 39.187 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

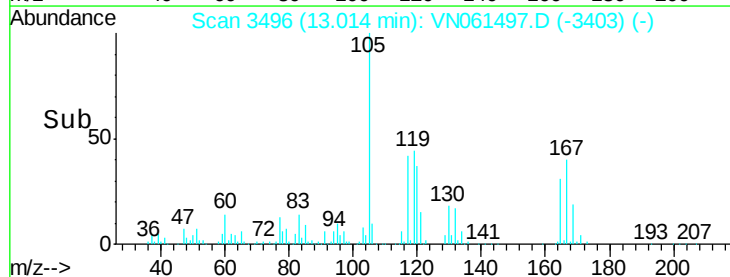
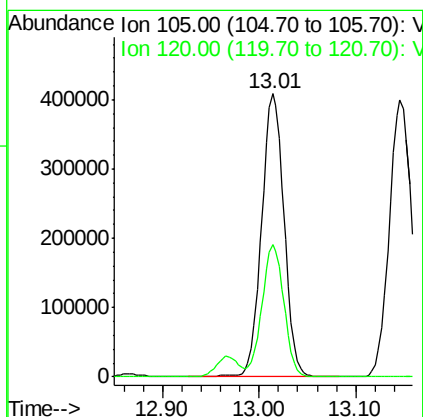
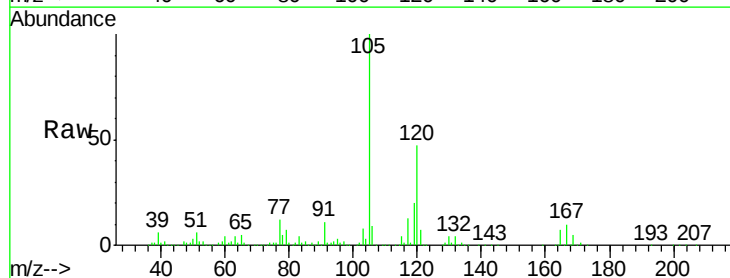
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

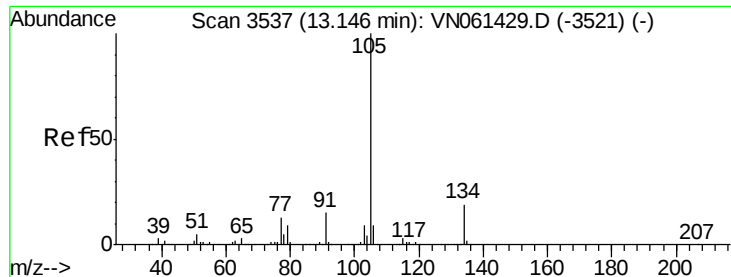
Tot Ion:119 Resp: 498236
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.7 101.0
 134 26.7 12.8 38.3



#84
 1,2,4-Trimethylbenzene
 Concen: 44.367 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion:105 Resp: 659065
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.3

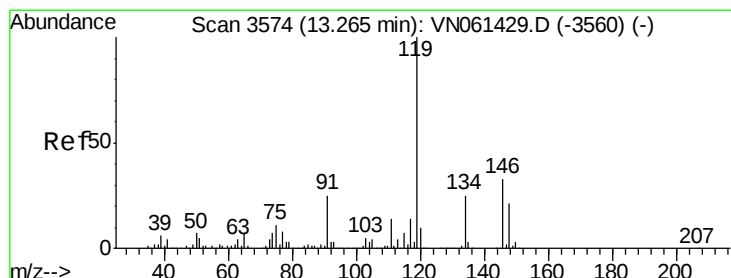
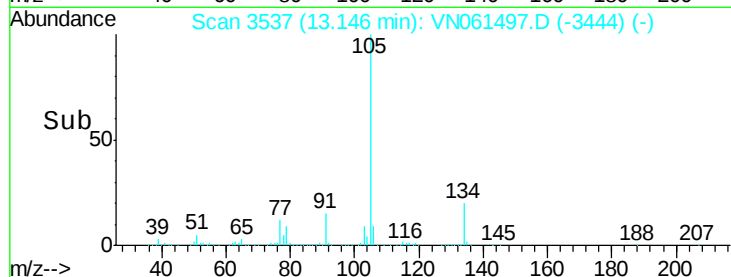
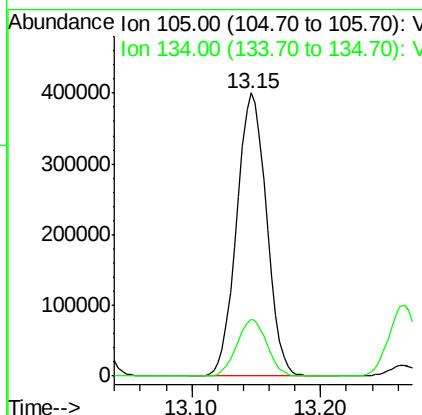
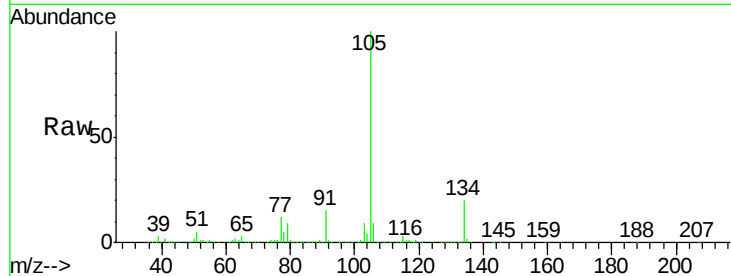




#85
 sec-Butylbenzene
 Concen: 37.431 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

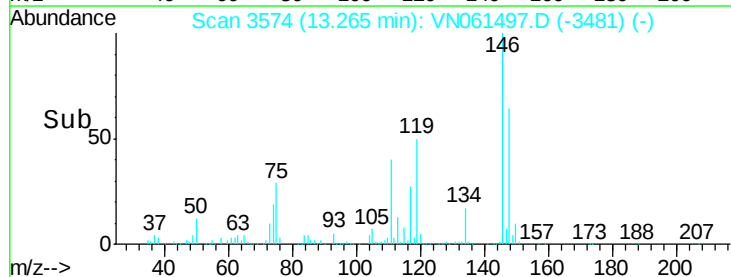
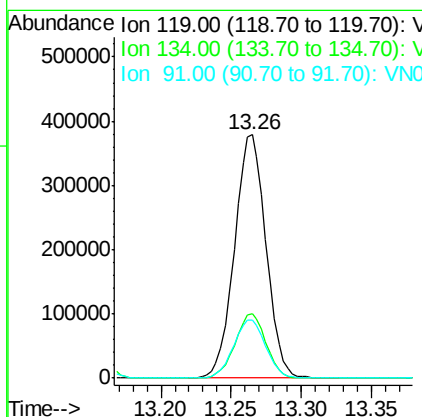
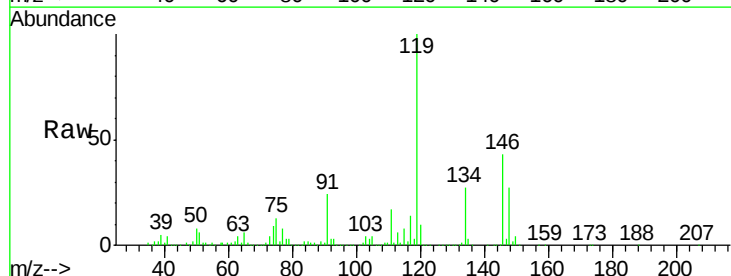
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

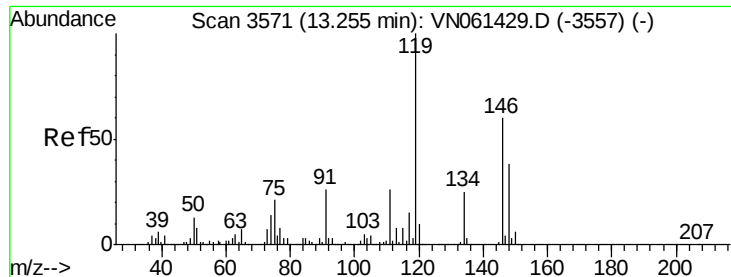
Tot Ion:105 Resp: 643524
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 38.549 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion:119 Resp: 588517
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.7 38.1
 91 24.3 12.6 37.6

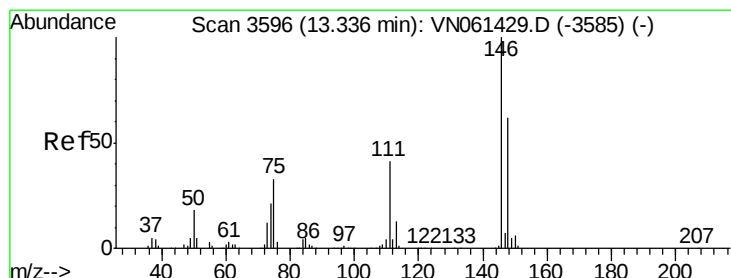
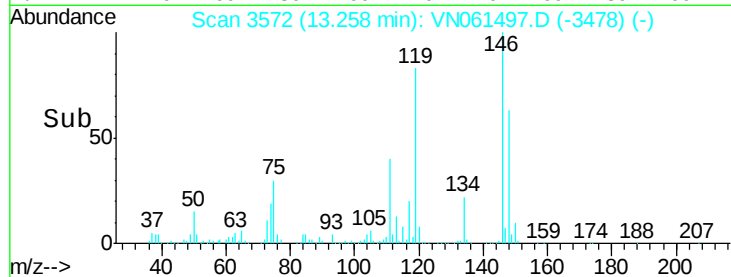
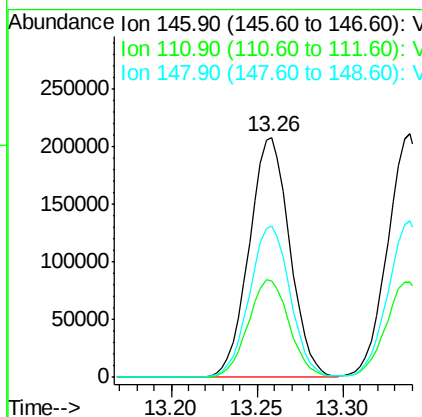
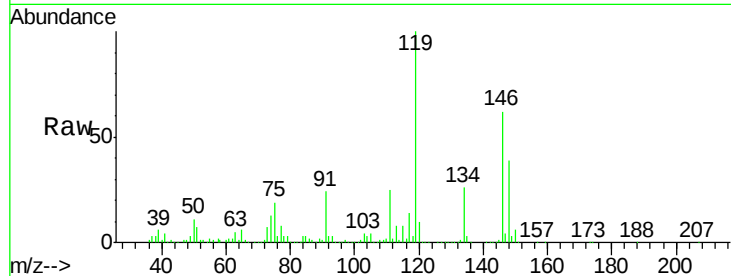




#87
 1,3-Dichlorobenzene
 Concen: 47.267 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

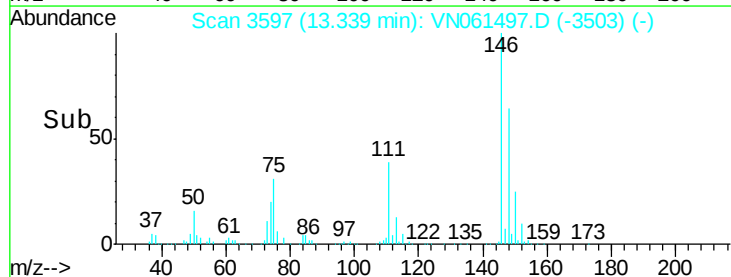
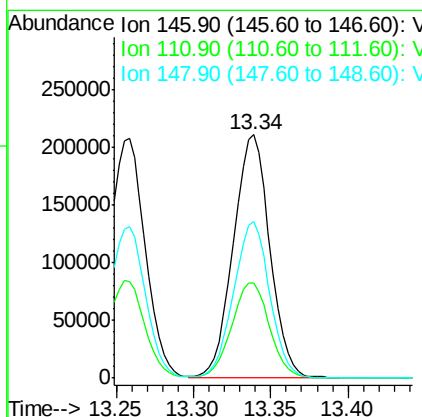
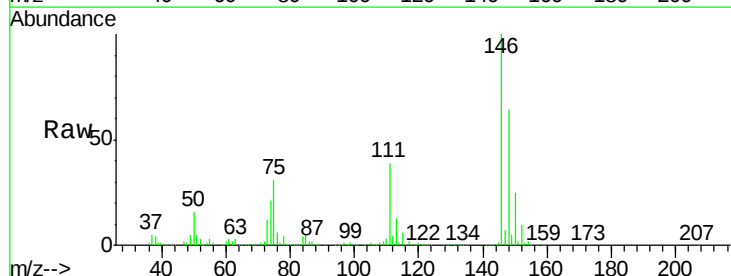
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

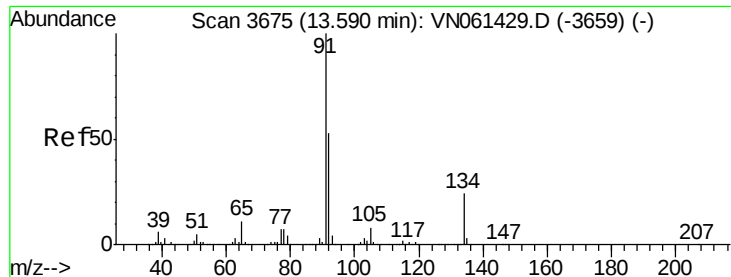
Tot Ion:146 Resp: 340326
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.5 64.5
 148 63.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.618 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion:146 Resp: 343362
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.8 62.5
 148 63.9 31.6 94.8





#89

n-Butylbenzene

Concen: 35.602 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

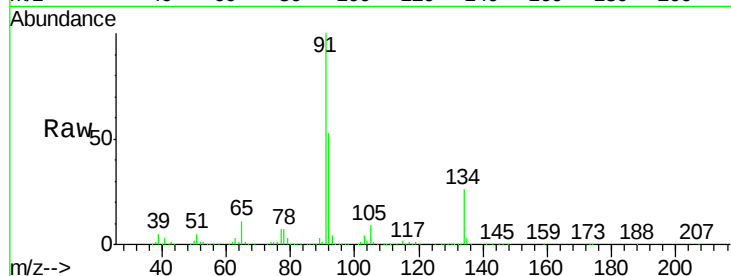
Tot Ion: 91 Resp: 493779

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.3

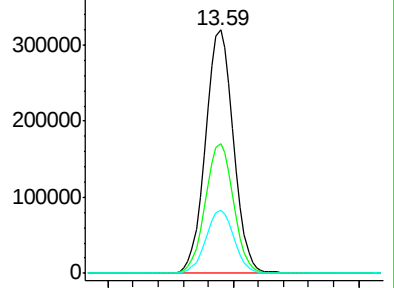
134 26.3 12.4 37.4



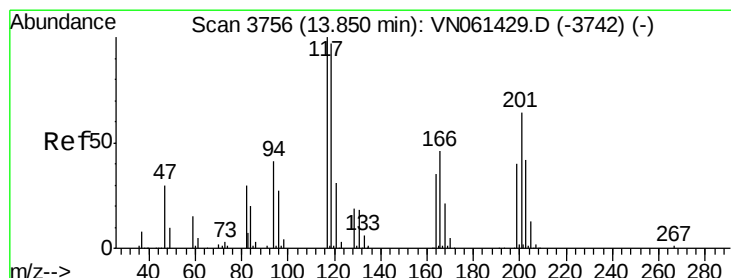
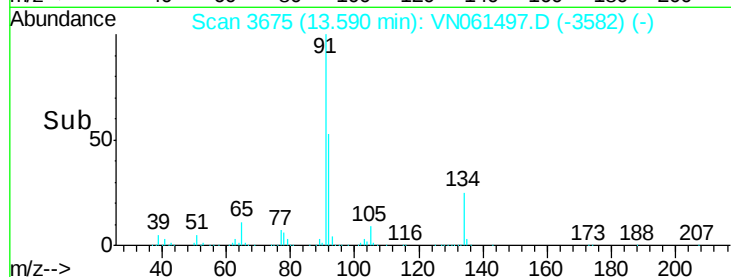
Abundance Ion 91.00 (90.70 to 91.70): VN061497.D (-3659) (-)

Ion 92.00 (91.70 to 92.70): VN061497.D (-3659) (-)

Ion 134.00 (133.70 to 134.70): VN061497.D (-3659) (-)



Time-->



#90

Hexachloroethane

Concen: 41.418 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061497.D

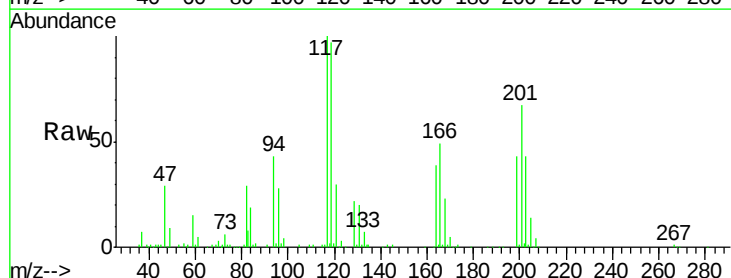
Acq: 19 May 2020 20:37

Tgt Ion: 117 Resp: 85696

Ion Ratio Lower Upper

117 100

201 67.0 32.9 98.7



Abundance Ion 116.80 (116.50 to 117.50): VN061497.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061497.D (-3663) (-)

Ion 201.40 (201.10 to 201.70): VN061497.D (-3663) (-)

Ion 202.10 (201.80 to 202.40): VN061497.D (-3663) (-)

Ion 203.80 (203.50 to 204.10): VN061497.D (-3663) (-)

Ion 204.50 (204.20 to 204.80): VN061497.D (-3663) (-)

Ion 205.20 (204.90 to 205.50): VN061497.D (-3663) (-)

Ion 206.90 (206.60 to 207.20): VN061497.D (-3663) (-)

Ion 207.60 (207.30 to 207.90): VN061497.D (-3663) (-)

Ion 208.30 (208.00 to 208.60): VN061497.D (-3663) (-)

Ion 209.00 (208.70 to 209.30): VN061497.D (-3663) (-)

Ion 209.70 (209.40 to 210.00): VN061497.D (-3663) (-)

Ion 210.40 (210.10 to 210.70): VN061497.D (-3663) (-)

Ion 211.10 (210.80 to 211.40): VN061497.D (-3663) (-)

Ion 211.80 (211.50 to 212.10): VN061497.D (-3663) (-)

Ion 212.50 (212.20 to 212.80): VN061497.D (-3663) (-)

Ion 213.20 (212.90 to 213.50): VN061497.D (-3663) (-)

Ion 213.90 (213.60 to 214.20): VN061497.D (-3663) (-)

Ion 214.60 (214.30 to 214.90): VN061497.D (-3663) (-)

Ion 215.30 (215.00 to 215.60): VN061497.D (-3663) (-)

Ion 216.00 (215.70 to 216.30): VN061497.D (-3663) (-)

Ion 216.70 (216.40 to 217.00): VN061497.D (-3663) (-)

Ion 217.40 (217.10 to 217.70): VN061497.D (-3663) (-)

Ion 218.10 (217.80 to 218.40): VN061497.D (-3663) (-)

Ion 218.80 (218.50 to 219.10): VN061497.D (-3663) (-)

Ion 219.50 (219.20 to 219.80): VN061497.D (-3663) (-)

Ion 220.20 (219.90 to 220.50): VN061497.D (-3663) (-)

Ion 220.90 (220.60 to 221.20): VN061497.D (-3663) (-)

Ion 221.60 (221.30 to 221.90): VN061497.D (-3663) (-)

Ion 222.30 (222.00 to 222.60): VN061497.D (-3663) (-)

Ion 223.00 (222.70 to 223.00): VN061497.D (-3663) (-)

Ion 223.70 (223.40 to 223.70): VN061497.D (-3663) (-)

Ion 224.40 (224.10 to 224.40): VN061497.D (-3663) (-)

Ion 225.10 (224.80 to 225.10): VN061497.D (-3663) (-)

Ion 225.80 (225.50 to 225.80): VN061497.D (-3663) (-)

Ion 226.50 (226.20 to 226.50): VN061497.D (-3663) (-)

Ion 227.20 (226.90 to 227.20): VN061497.D (-3663) (-)

Ion 227.90 (227.60 to 227.90): VN061497.D (-3663) (-)

Ion 228.60 (228.30 to 228.60): VN061497.D (-3663) (-)

Ion 229.30 (229.00 to 229.30): VN061497.D (-3663) (-)

Ion 230.00 (229.70 to 230.00): VN061497.D (-3663) (-)

Ion 230.70 (230.40 to 230.70): VN061497.D (-3663) (-)

Ion 231.40 (231.10 to 231.40): VN061497.D (-3663) (-)

Ion 232.10 (231.80 to 232.10): VN061497.D (-3663) (-)

Ion 232.80 (232.50 to 232.80): VN061497.D (-3663) (-)

Ion 233.50 (233.20 to 233.50): VN061497.D (-3663) (-)

Ion 234.20 (233.90 to 234.20): VN061497.D (-3663) (-)

Ion 234.90 (234.60 to 234.90): VN061497.D (-3663) (-)

Ion 235.60 (235.30 to 235.60): VN061497.D (-3663) (-)

Ion 236.30 (236.00 to 236.30): VN061497.D (-3663) (-)

Ion 237.00 (236.70 to 237.00): VN061497.D (-3663) (-)

Ion 237.70 (237.40 to 237.70): VN061497.D (-3663) (-)

Ion 238.40 (238.10 to 238.40): VN061497.D (-3663) (-)

Ion 239.10 (238.80 to 239.10): VN061497.D (-3663) (-)

Ion 239.80 (239.50 to 239.80): VN061497.D (-3663) (-)

Ion 240.50 (240.20 to 240.50): VN061497.D (-3663) (-)

Ion 241.20 (240.90 to 241.20): VN061497.D (-3663) (-)

Ion 241.90 (241.60 to 241.90): VN061497.D (-3663) (-)

Ion 242.60 (242.30 to 242.60): VN061497.D (-3663) (-)

Ion 243.30 (243.00 to 243.30): VN061497.D (-3663) (-)

Ion 244.00 (243.70 to 244.00): VN061497.D (-3663) (-)

Ion 244.70 (244.40 to 244.70): VN061497.D (-3663) (-)

Ion 245.40 (245.10 to 245.40): VN061497.D (-3663) (-)

Ion 246.10 (245.80 to 246.10): VN061497.D (-3663) (-)

Ion 246.80 (246.50 to 246.80): VN061497.D (-3663) (-)

Ion 247.50 (247.20 to 247.50): VN061497.D (-3663) (-)

Ion 248.20 (247.90 to 248.20): VN061497.D (-3663) (-)

Ion 248.90 (248.60 to 248.90): VN061497.D (-3663) (-)

Ion 249.60 (249.30 to 249.60): VN061497.D (-3663) (-)

Ion 250.30 (250.00 to 250.30): VN061497.D (-3663) (-)

Ion 251.00 (250.70 to 251.00): VN061497.D (-3663) (-)

Ion 251.70 (251.40 to 251.70): VN061497.D (-3663) (-)

Ion 252.40 (252.10 to 252.40): VN061497.D (-3663) (-)

Ion 253.10 (252.80 to 253.10): VN061497.D (-3663) (-)

Ion 253.80 (253.50 to 253.80): VN061497.D (-3663) (-)

Ion 254.50 (254.20 to 254.50): VN061497.D (-3663) (-)

Ion 255.20 (254.90 to 255.20): VN061497.D (-3663) (-)

Ion 255.90 (255.60 to 255.90): VN061497.D (-3663) (-)

Ion 256.60 (256.30 to 256.60): VN061497.D (-3663) (-)

Ion 257.30 (257.00 to 257.30): VN061497.D (-3663) (-)

Ion 258.00 (257.70 to 258.00): VN061497.D (-3663) (-)

Ion 258.70 (258.40 to 258.70): VN061497.D (-3663) (-)

Ion 259.40 (259.10 to 259.40): VN061497.D (-3663) (-)

Ion 260.10 (259.80 to 260.10): VN061497.D (-3663) (-)

Ion 260.80 (260.50 to 260.80): VN061497.D (-3663) (-)

Ion 261.50 (261.20 to 261.50): VN061497.D (-3663) (-)

Ion 262.20 (261.90 to 262.20): VN061497.D (-3663) (-)

Ion 262.90 (262.60 to 262.90): VN061497.D (-3663) (-)

Ion 263.60 (263.30 to 263.60): VN061497.D (-3663) (-)

Ion 264.30 (264.00 to 264.30): VN061497.D (-3663) (-)

Ion 265.00 (264.70 to 265.00): VN061497.D (-3663) (-)

Ion 265.70 (265.40 to 265.70): VN061497.D (-3663) (-)

Ion 266.40 (266.10 to 266.40): VN061497.D (-3663) (-)

Ion 267.10 (266.80 to 267.10): VN061497.D (-3663) (-)

Ion 267.80 (267.50 to 267.80): VN061497.D (-3663) (-)

Ion 268.50 (268.20 to 268.50): VN061497.D (-3663) (-)

Ion 269.20 (268.90 to 269.20): VN061497.D (-3663) (-)

Ion 269.90 (269.60 to 269.90): VN061497.D (-3663) (-)

Ion 270.60 (270.30 to 270.60): VN061497.D (-3663) (-)

Ion 271.30 (271.00 to 271.30): VN061497.D (-3663) (-)

Ion 272.00 (271.70 to 272.00): VN061497.D (-3663) (-)

Ion 272.70 (272.40 to 272.70): VN061497.D (-3663) (-)

Ion 273.40 (273.10 to 273.40): VN061497.D (-3663) (-)

Ion 274.10 (273.80 to 274.10): VN061497.D (-3663) (-)

Ion 274.80 (274.50 to 274.80): VN061497.D (-3663) (-)

Ion 275.50 (275.20 to 275.50): VN061497.D (-3663) (-)

Ion 276.20 (275.90 to 276.20): VN061497.D (-3663) (-)

Ion 276.90 (276.60 to 276.90): VN061497.D (-3663) (-)

Ion 277.60 (277.30 to 277.60): VN061497.D (-3663) (-)

Ion 278.30 (278.00 to 278.30): VN061497.D (-3663) (-)

Ion 279.00 (278.70 to 279.00): VN061497.D (-3663) (-)

Ion 279.70 (279.40 to 279.70): VN061497.D (-3663) (-)

Ion 280.40 (280.10 to 280.40): VN061497.D (-3663) (-)

Ion 281.10 (280.80 to 281.10): VN061497.D (-3663) (-)

Ion 281.80 (281.50 to 281.80): VN061497.D (-3663) (-)

Ion 282.50 (282.20 to 282.50): VN061497.D (-3663) (-)

Ion 283.20 (282.90 to 283.20): VN061497.D (-3663) (-)

Ion 283.90 (283.60 to 283.90): VN061497.D (-3663) (-)

Ion 284.60 (284.30 to 284.60): VN061497.D (-3663) (-)

Ion 285.30 (285.00 to 285.30): VN061497.D (-3663) (-)

Ion 286.00 (285.70 to 286.00): VN061497.D (-3663) (-)

Ion 286.70 (286.40 to 286.70): VN061497.D (-3663) (-)

Ion 287.40 (287.10 to 287.40): VN061497.D (-3663) (-)

Ion 288.10 (287.80 to 288.10): VN061497.D (-3663) (-)

Ion 288.80 (288.50 to 288.80): VN061497.D (-3663) (-)

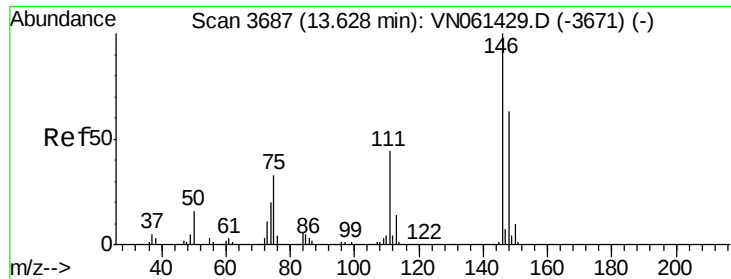
Ion 289.50 (289.20 to 289.50): VN061497.D (-3663) (-)

Ion 290.20 (289.90 to 290.20): VN061497.D (-3663) (-)

Ion 290.90 (290.60 to 290.90): VN061497.D (-3663) (-)

Ion 291.60 (291.30 to 291.60): VN061497.D (-3663) (-)

Ion 29



#91

1,2-Dichlorobenzene

Concen: 48.173 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

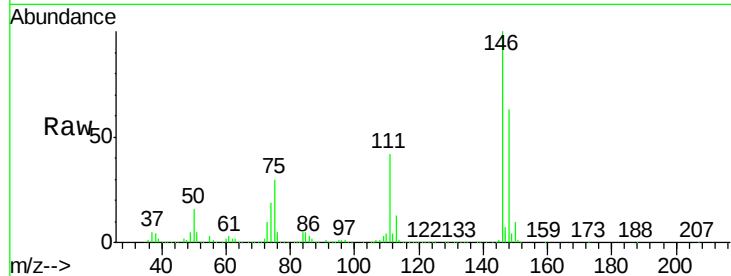
Tot Ion:146 Resp: 332717

Ion Ratio Lower Upper

146 100

111 42.1 21.9 65.7

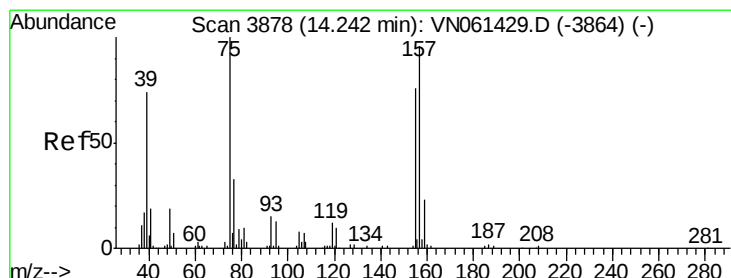
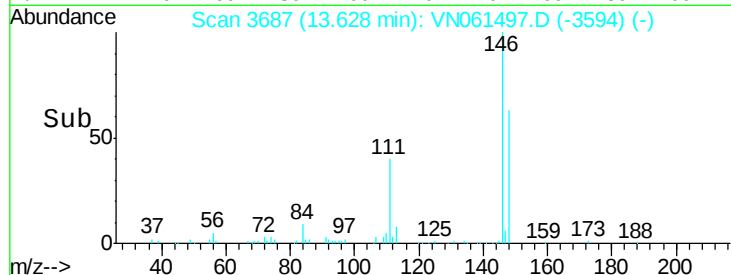
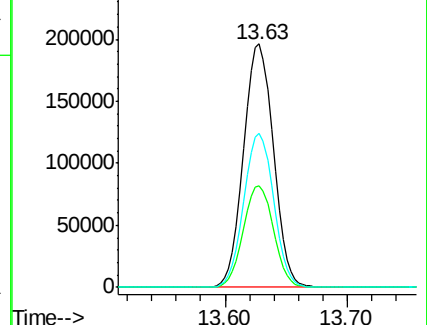
148 63.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.582 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

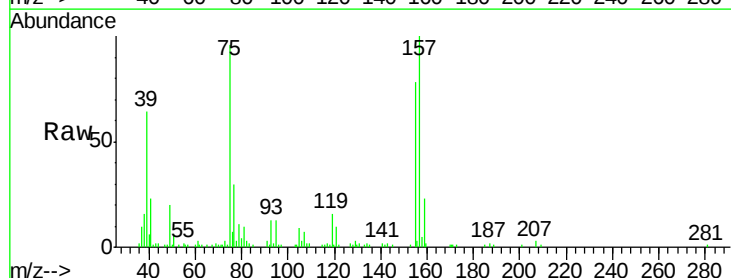
Tgt Ion: 75 Resp: 47938

Ion Ratio Lower Upper

75 100

155 82.8 38.9 116.7

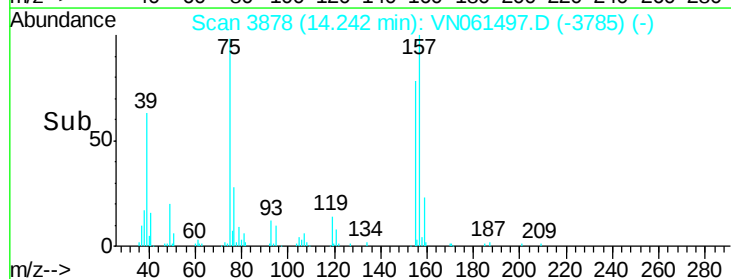
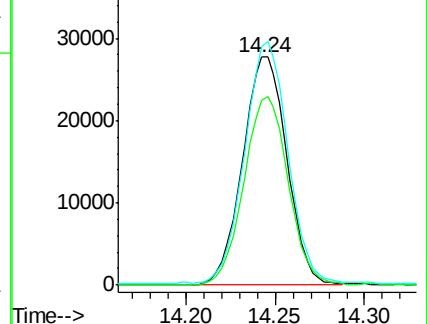
157 104.4 48.6 145.8

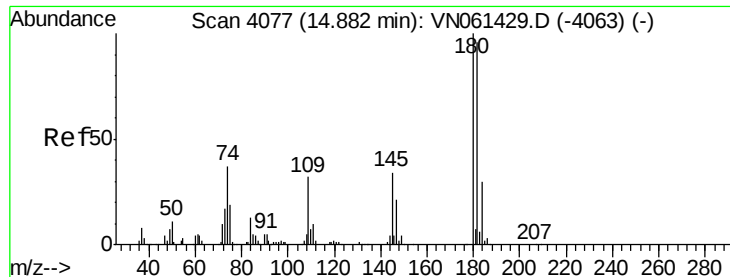


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

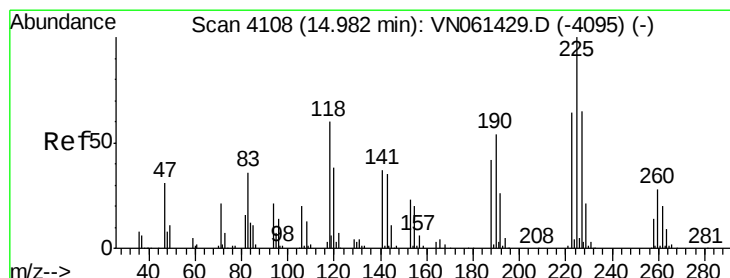
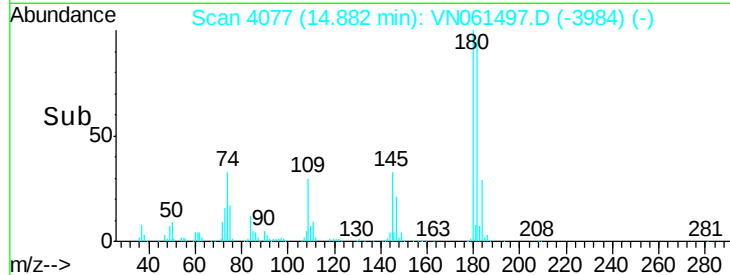
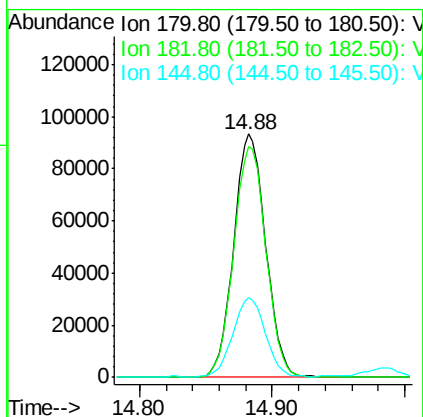
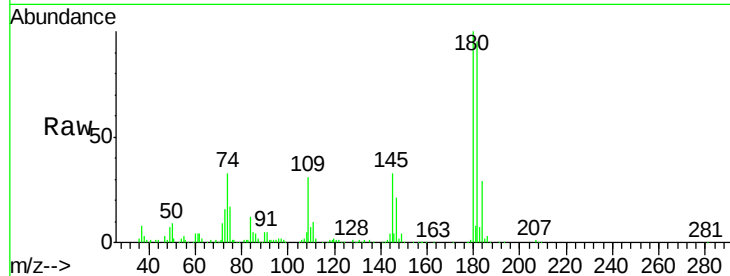




#93
 1,2,4-Trichlorobenzene
 Concen: 41.604 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

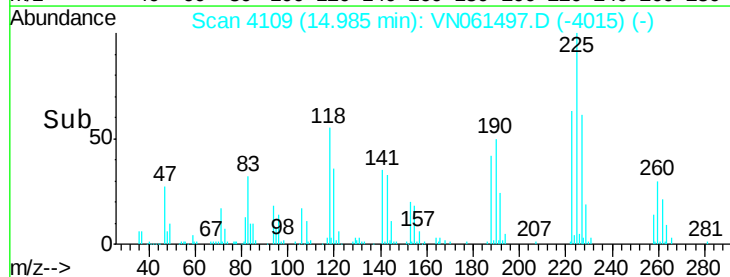
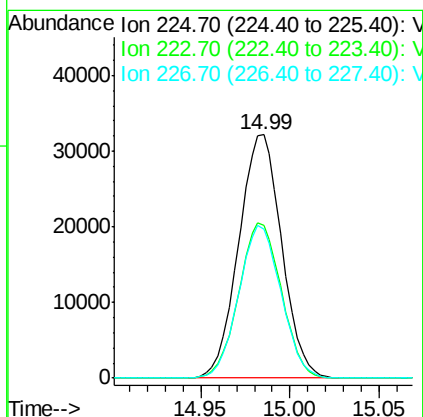
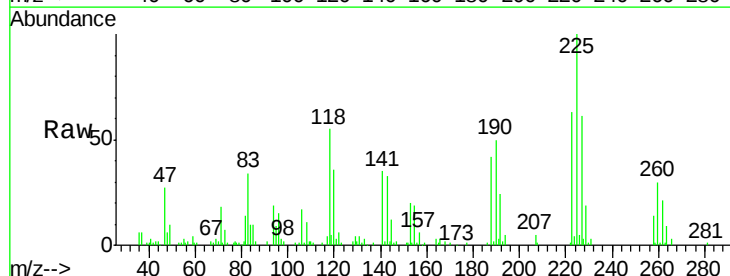
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

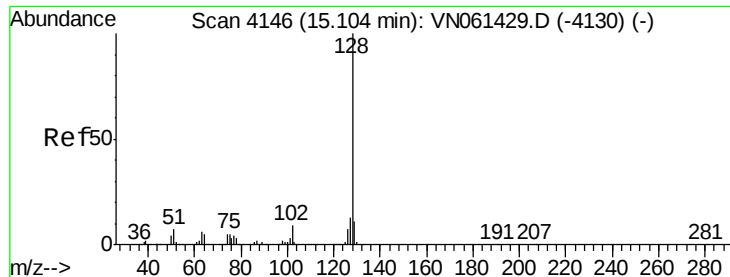
Tot Ion:180 Resp: 155803
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.0 141.0
 145 32.8 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 32.473 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion:225 Resp: 54033
 Ion Ratio Lower Upper
 225 100
 223 63.2 31.9 95.7
 227 61.9 31.5 94.5





#95

Naphthalene

Concen: 47.094 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

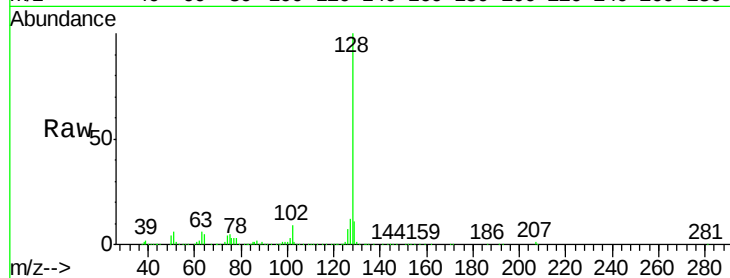
Tot Ion:128 Resp: 560686

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

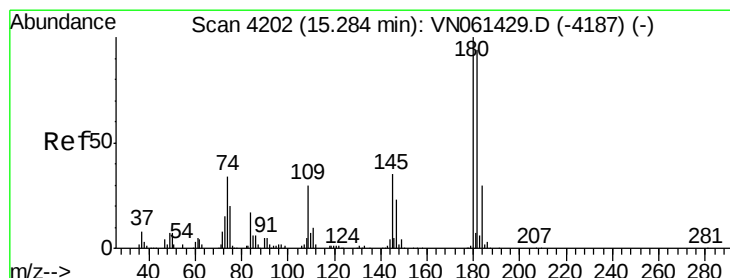
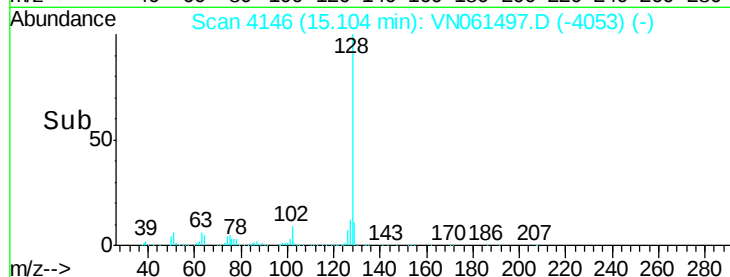
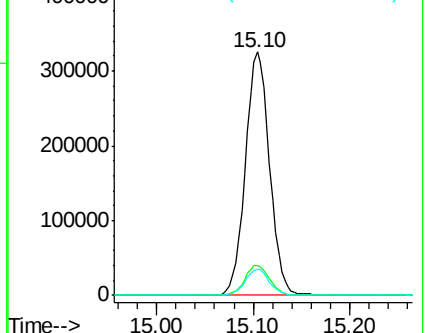
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 40.905 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

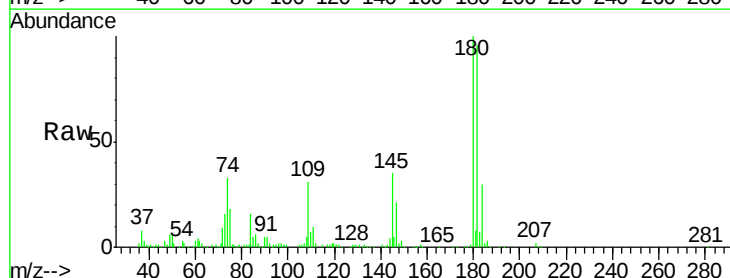
Tgt Ion:180 Resp: 152499

Ion Ratio Lower Upper

180 100

182 95.0 47.8 143.3

145 35.9 17.3 51.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

