

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 :

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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 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)
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

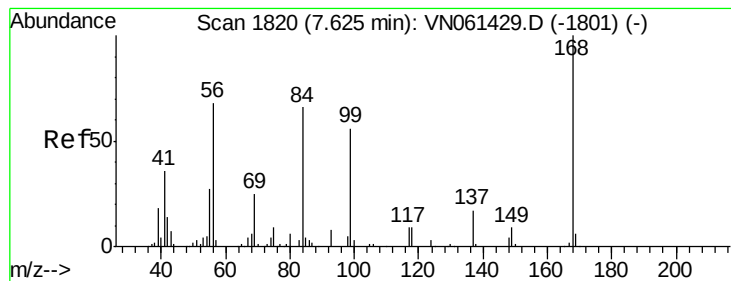
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Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#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

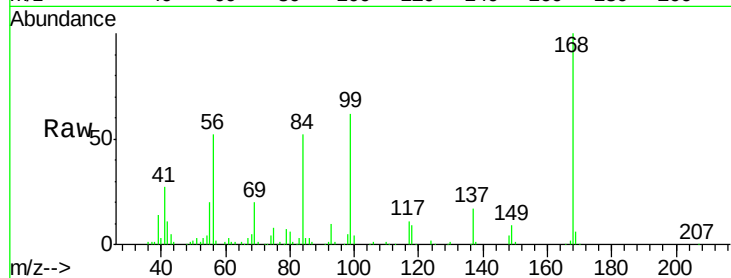
ClientSampleId :

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

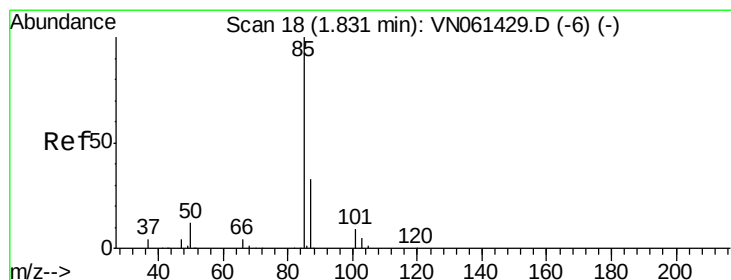
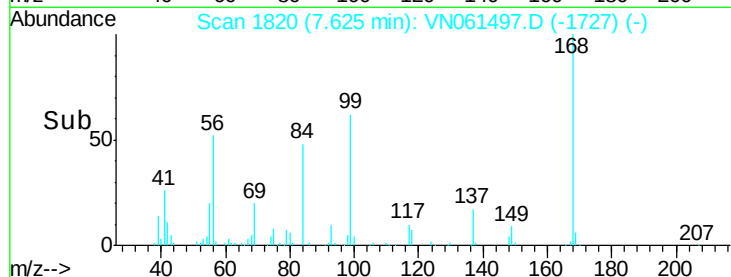
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 48.259 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061497.D

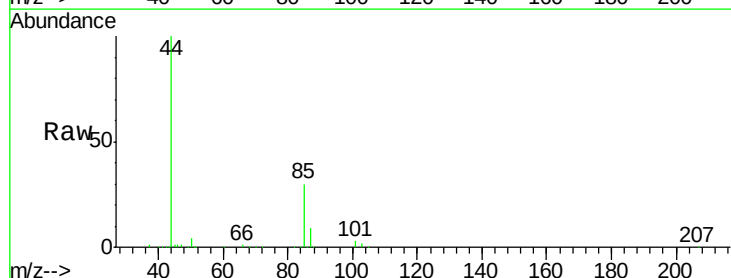
Acq: 19 May 2020 20:37

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

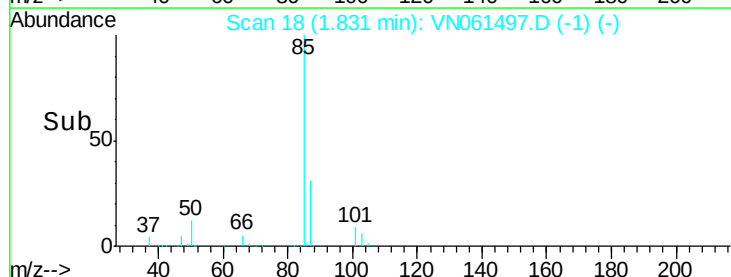
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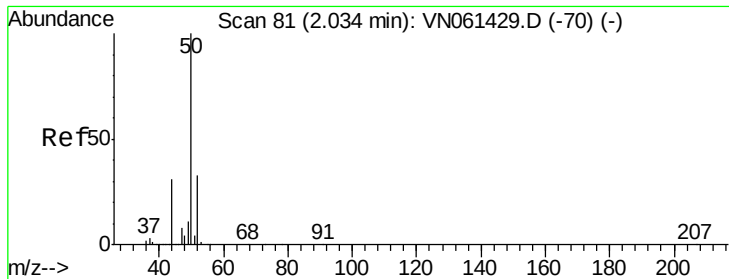
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#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 :

MSVOA_N

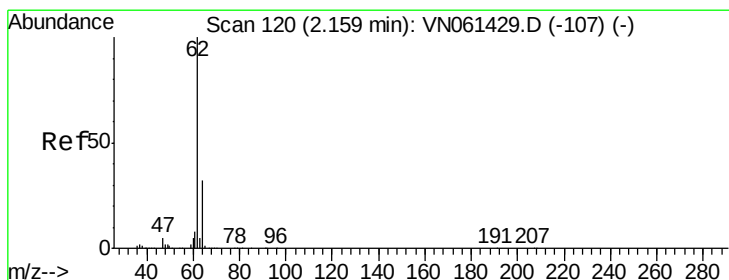
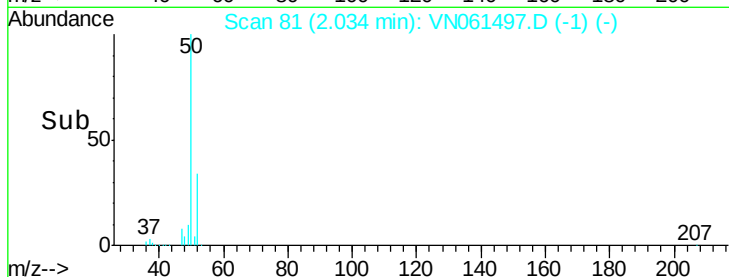
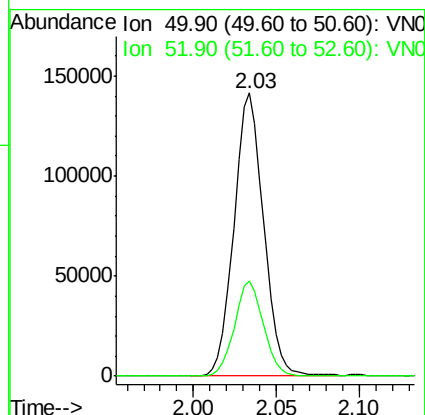
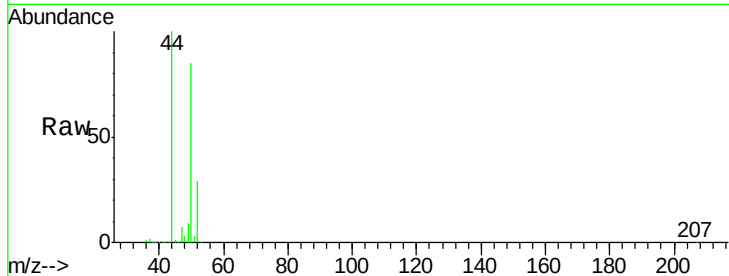
ClientSampleId :

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

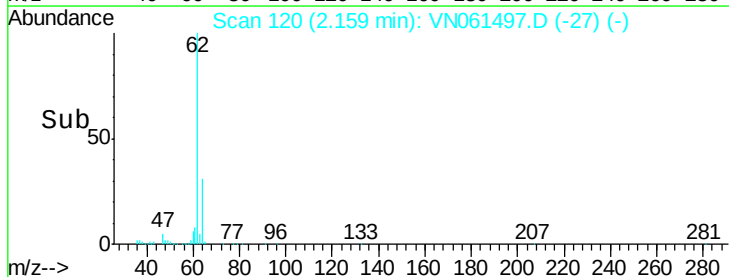
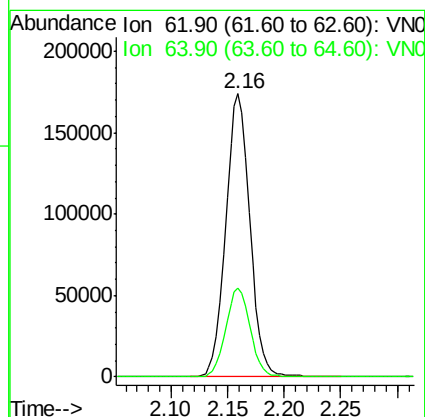
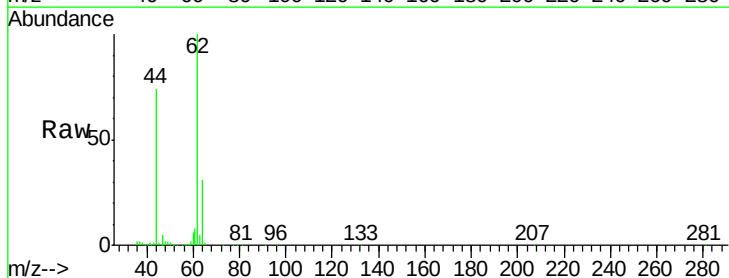
Acq: 19 May 2020 20:37

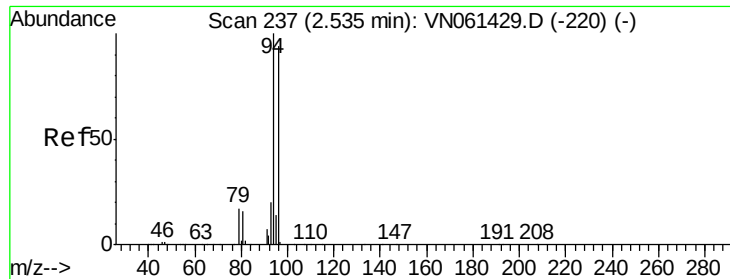
Tgt Ion: 62 Resp: 258410

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 :

MSVOA_N

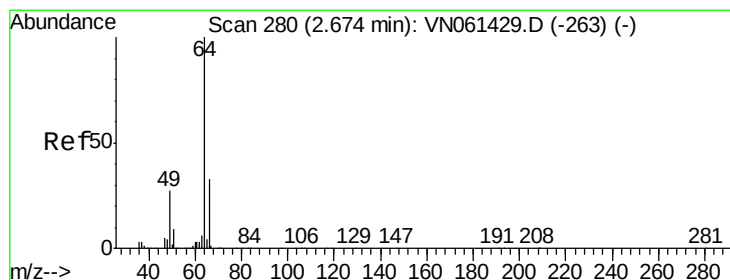
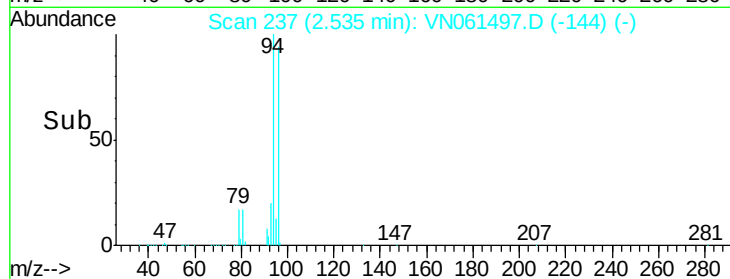
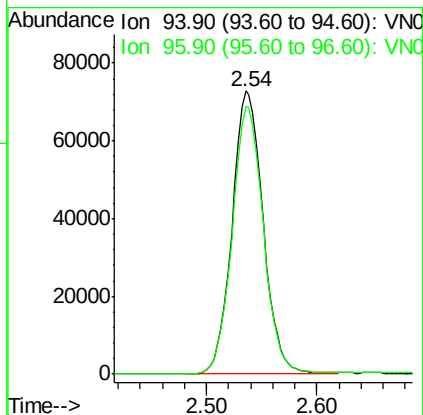
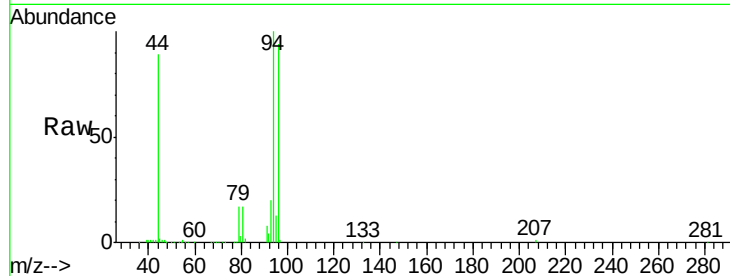
ClientSampleId :

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

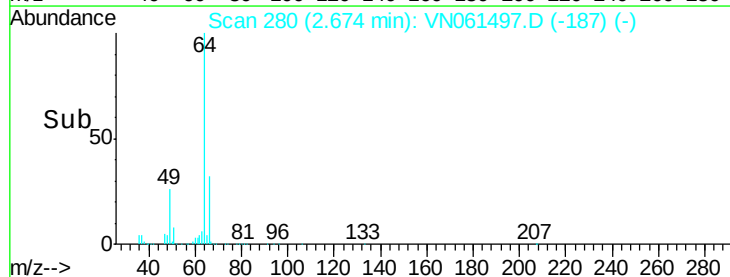
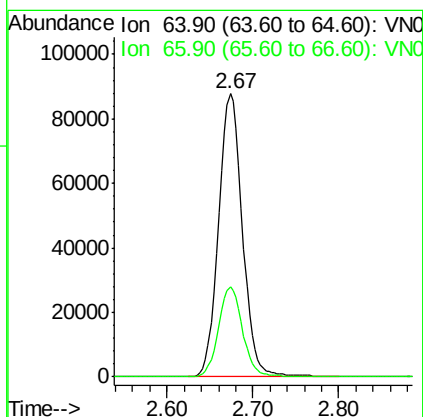
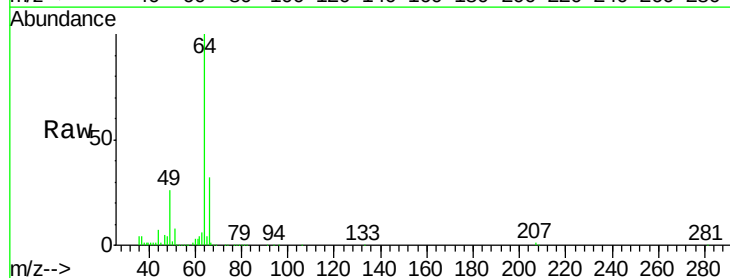
Acq: 19 May 2020 20:37

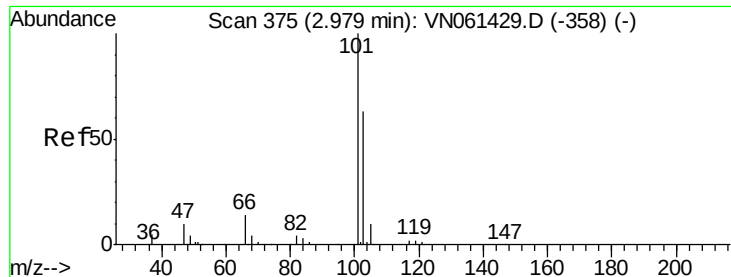
Tgt Ion: 64 Resp: 170052

Ion Ratio Lower Upper

64 100

66 31.6 26.3 39.5



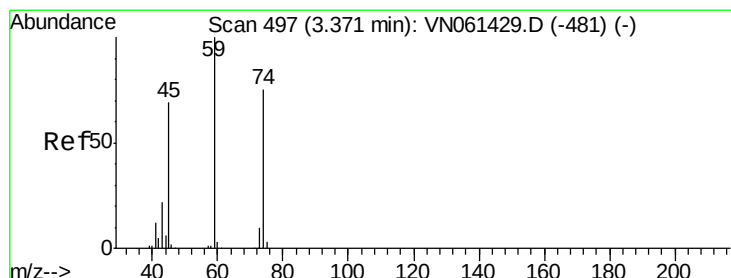
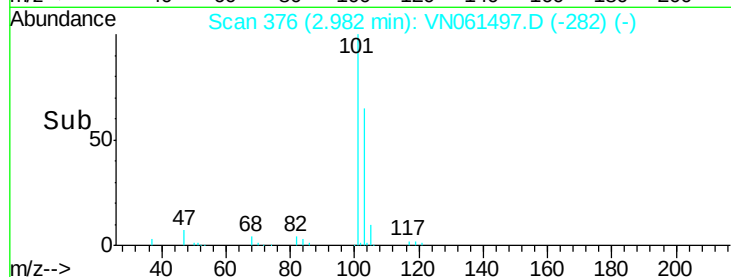
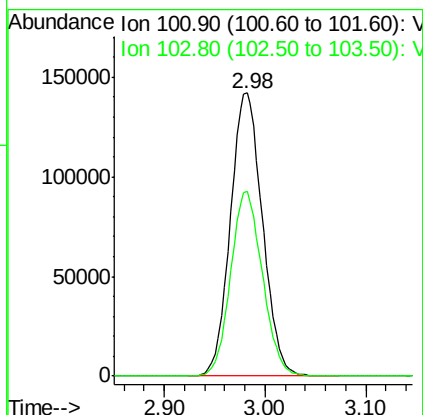
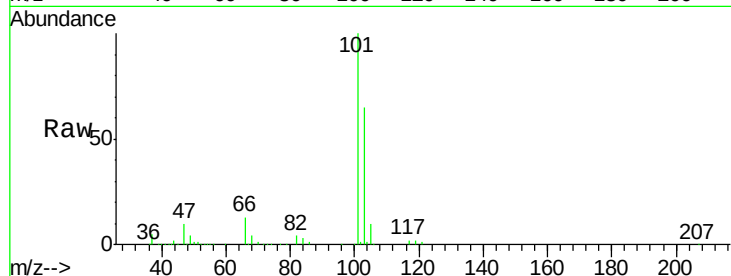


#7

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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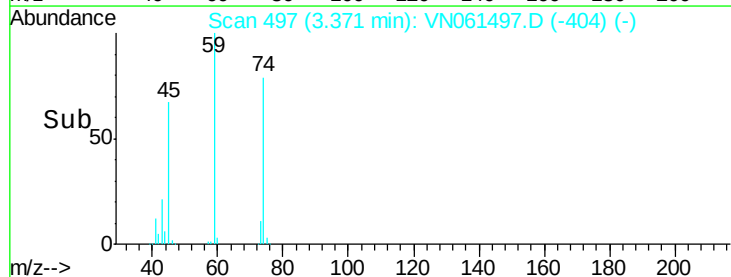
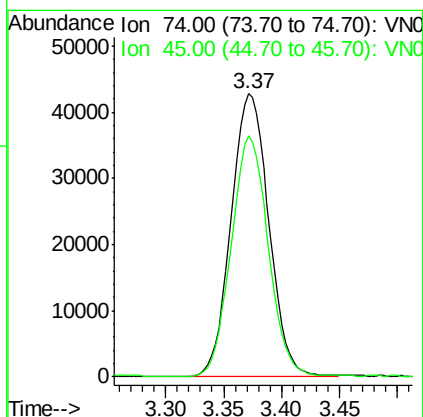
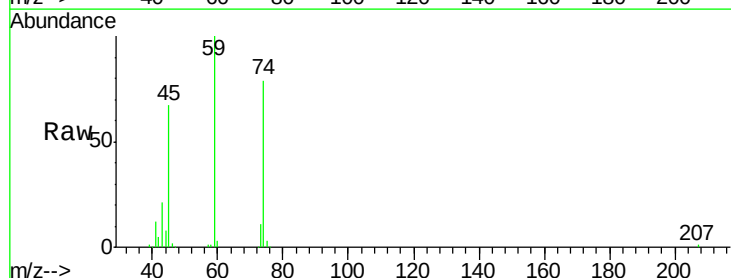
Tot Ion:101 Resp: 314150
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.2 75.4

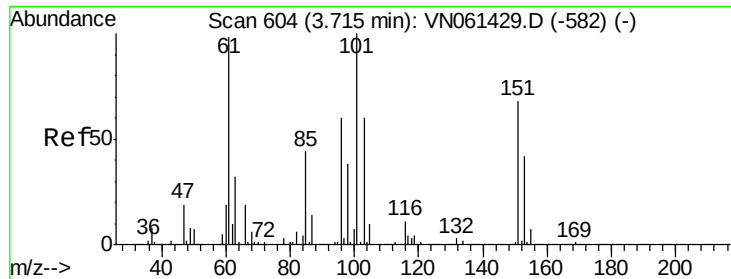


#8

Diethyl Ether
 Concen: 46.980 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 74 Resp: 96691
 Ion Ratio Lower Upper
 74 100
 45 83.7 45.7 137.1





#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

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

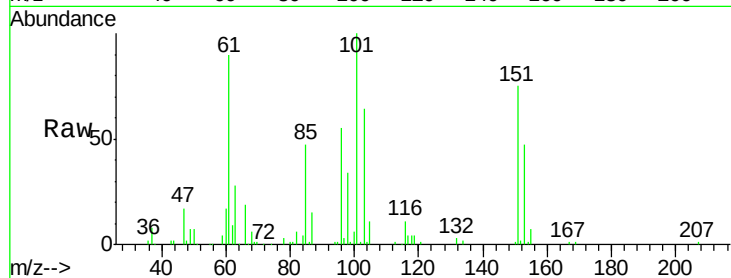
Tot Ion:101 Resp: 129071

Ion Ratio Lower Upper

101 100

85 46.3 36.6 55.0

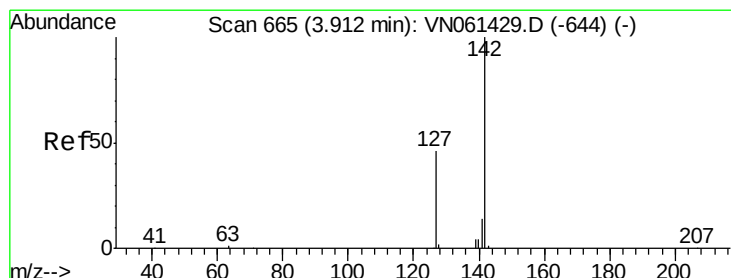
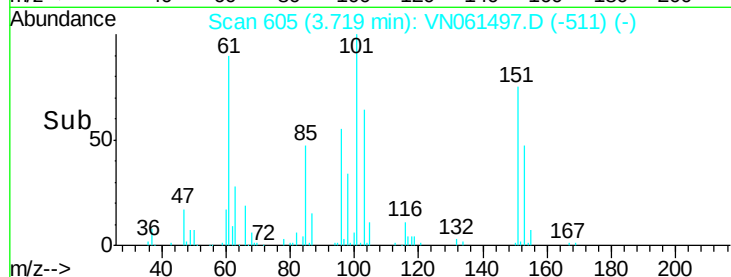
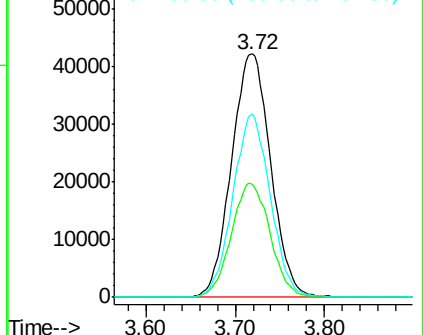
151 71.8 56.3 84.5



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

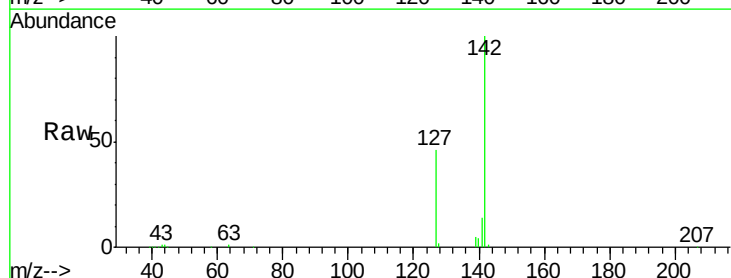
Tgt Ion:142 Resp: 164142

Ion Ratio Lower Upper

142 100

127 46.4 36.7 55.1

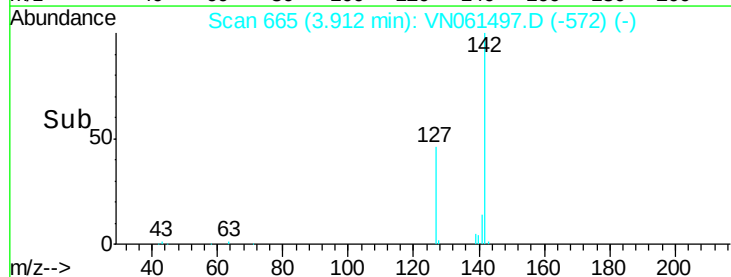
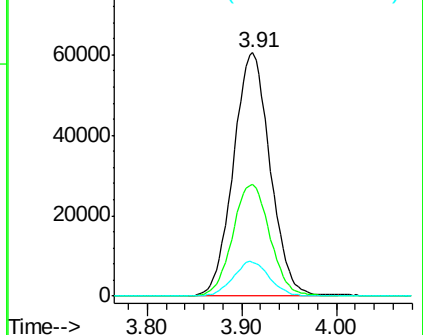
141 14.0 11.5 17.3

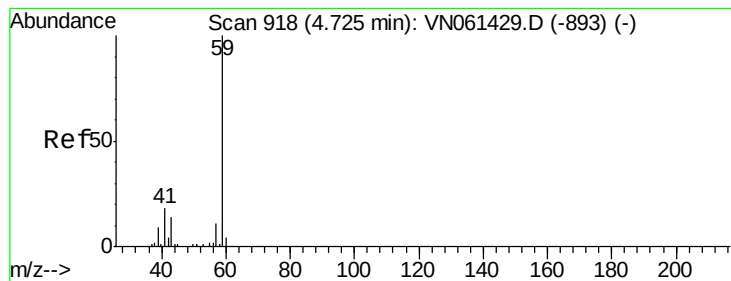


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



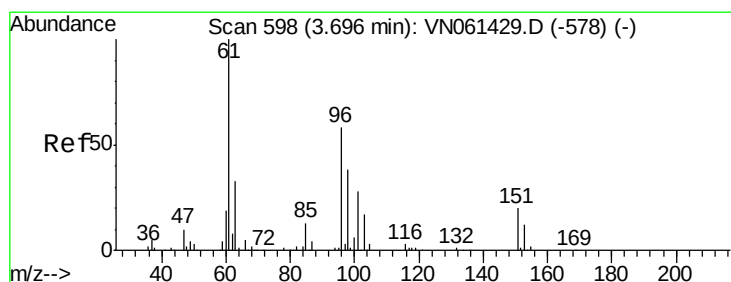
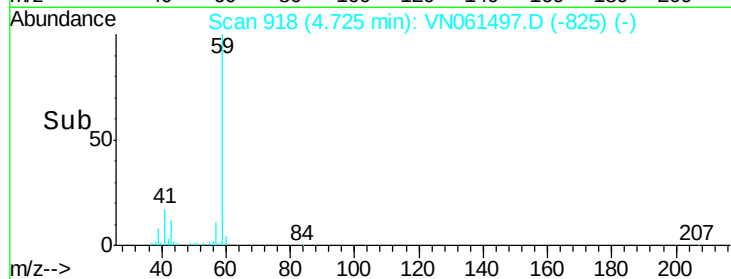
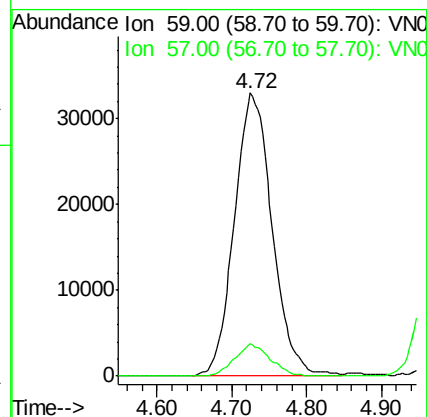
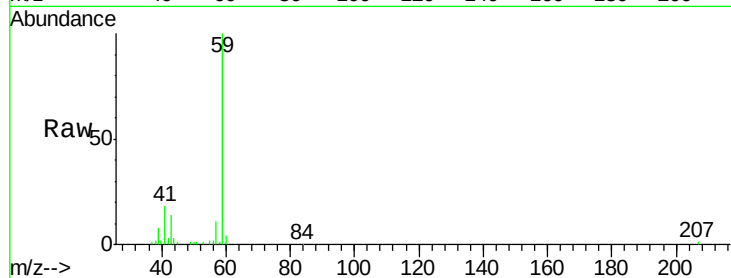


#11

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 :

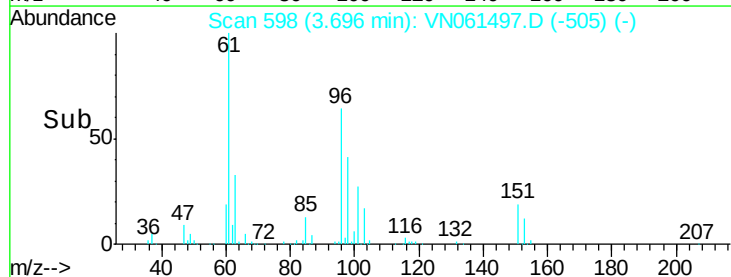
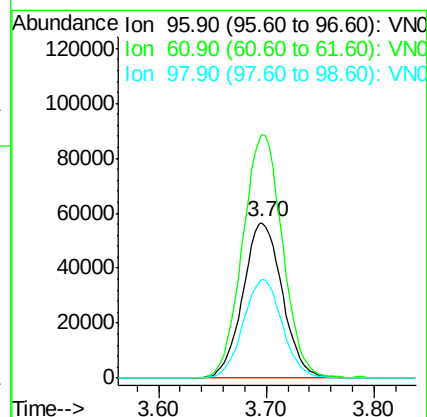
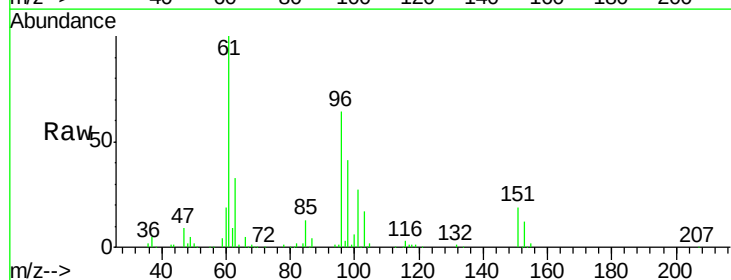
Tot Ion: 59 Resp: 115927
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

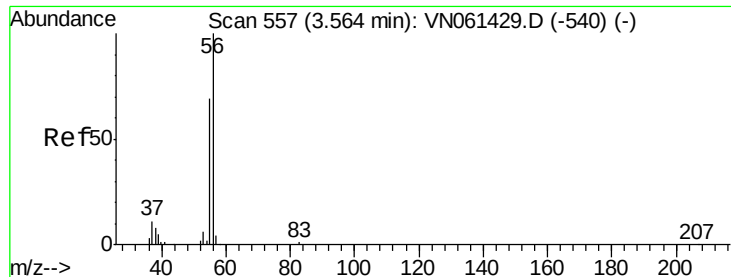


#12

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

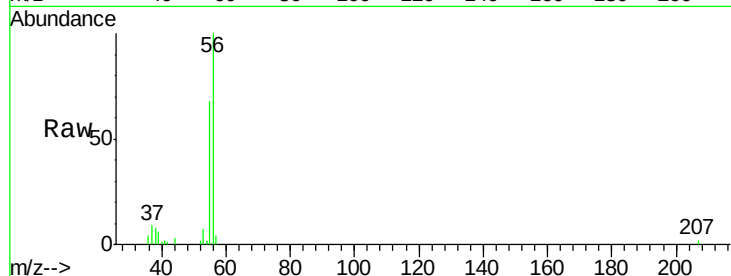
ClientSampled :

Tot Ion: 56 Resp: 58255

Ion Ratio Lower Upper

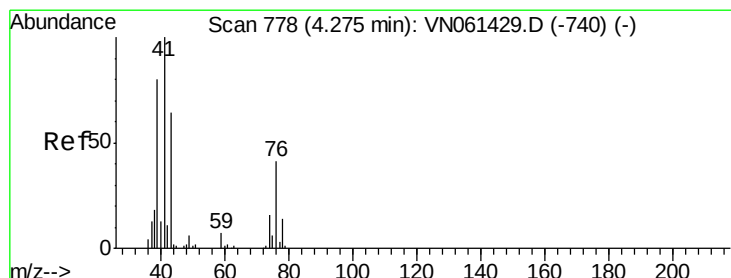
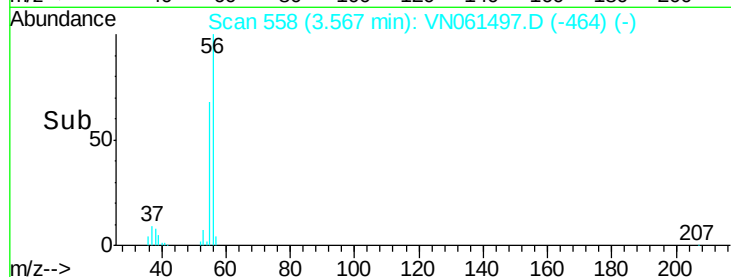
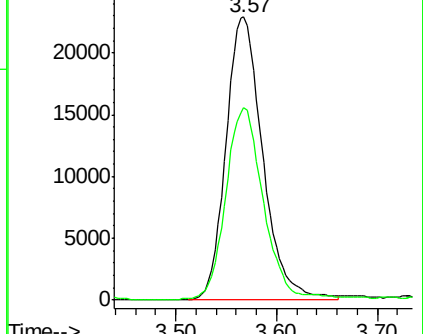
56 100

55 69.8 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#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

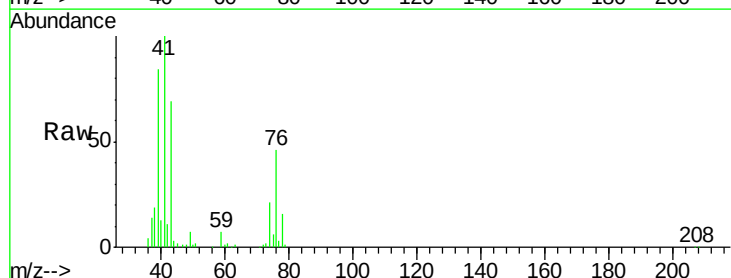
Tgt Ion: 41 Resp: 218255

Ion Ratio Lower Upper

41 100

39 77.2 61.2 91.8

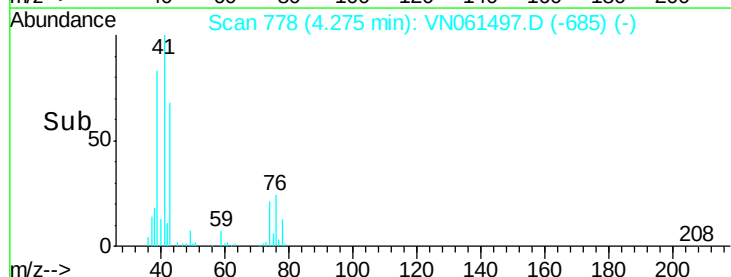
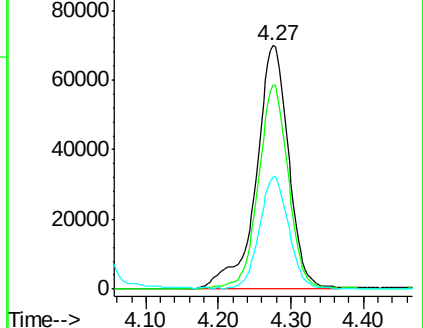
76 40.6 29.9 44.9

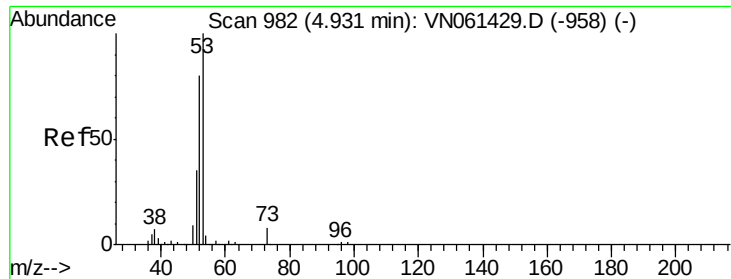


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#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

ClientSampled :

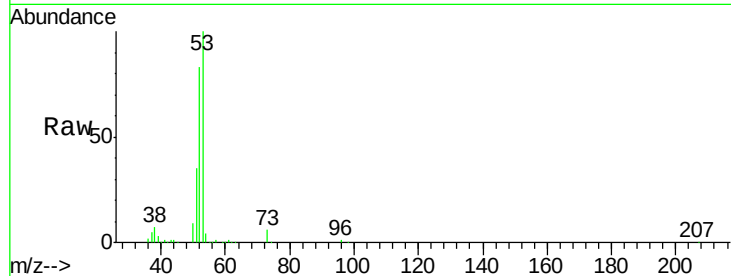
Tot Ion: 53 Resp: 349187

Ion Ratio Lower Upper

53 100

52 81.3 64.7 97.1

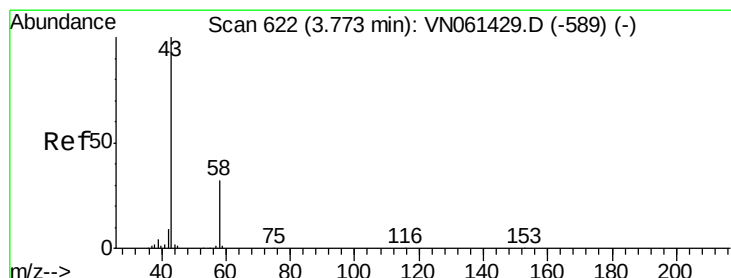
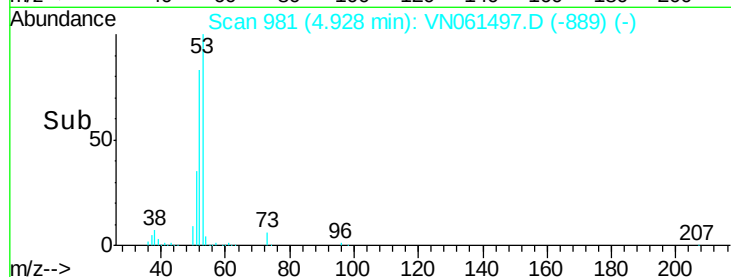
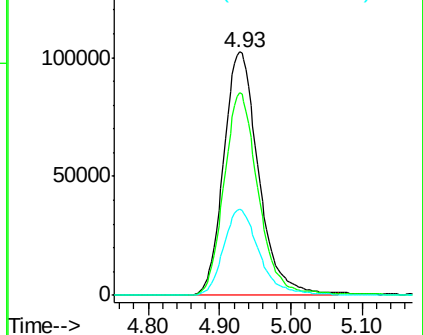
51 36.2 29.5 44.3



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

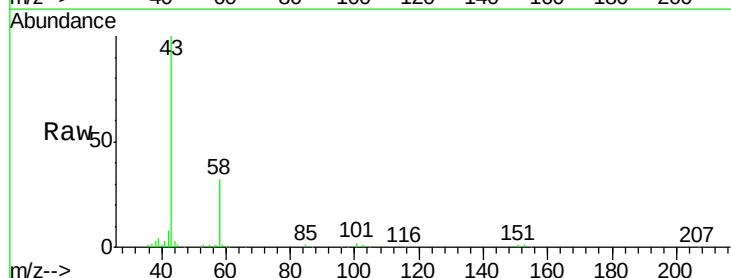
Acq: 19 May 2020 20:37

Tgt Ion: 43 Resp: 253839

Ion Ratio Lower Upper

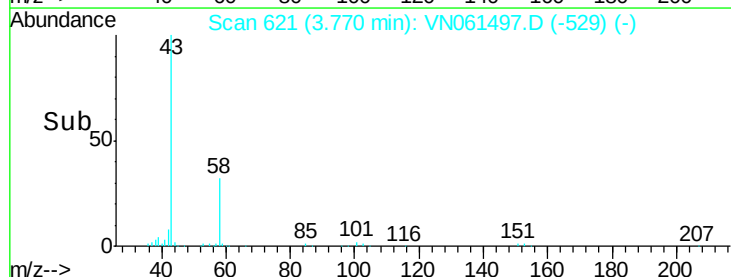
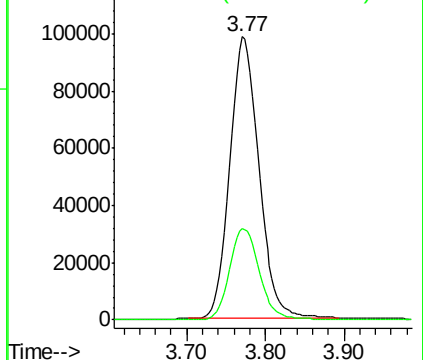
43 100

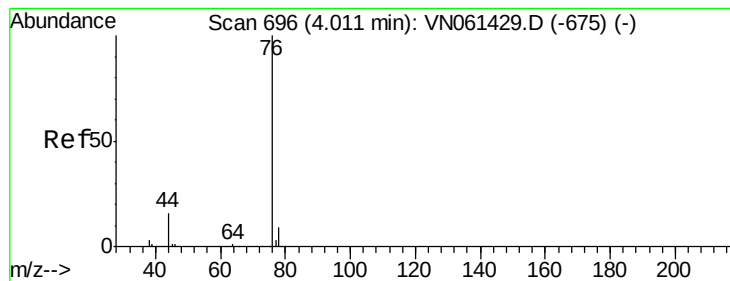
58 32.3 25.6 38.4



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

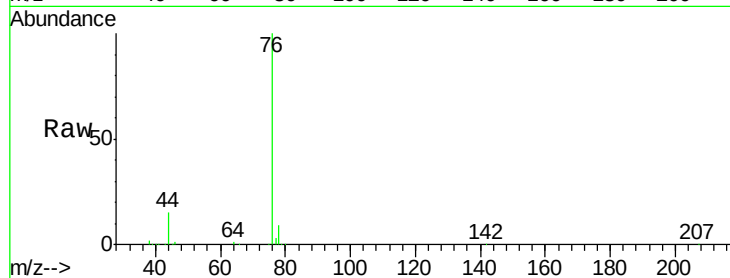
ClientSampled :

Tot Ion: 76 Resp: 335357

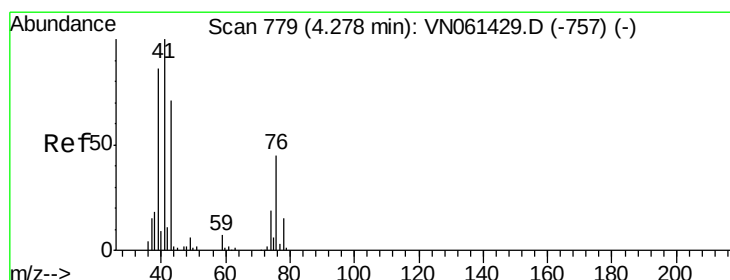
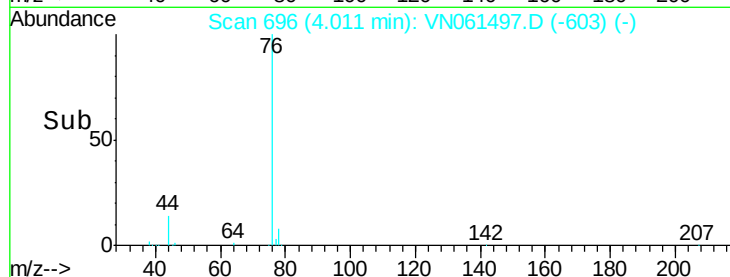
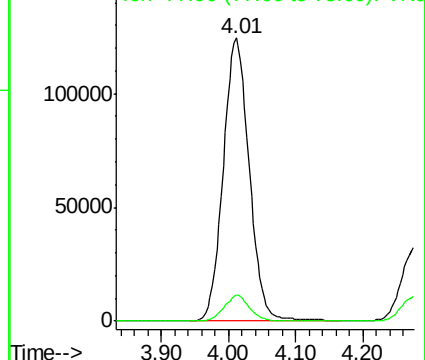
Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 45.724 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061497.D

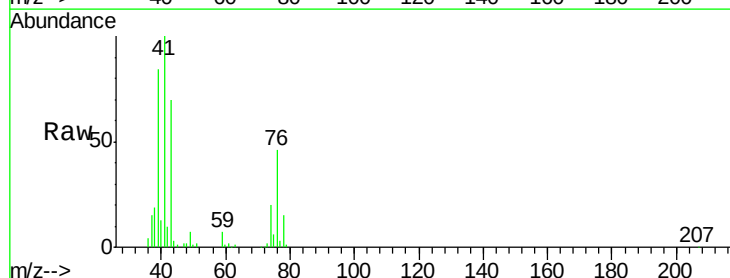
Acq: 19 May 2020 20:37

Tgt Ion: 43 Resp: 140609

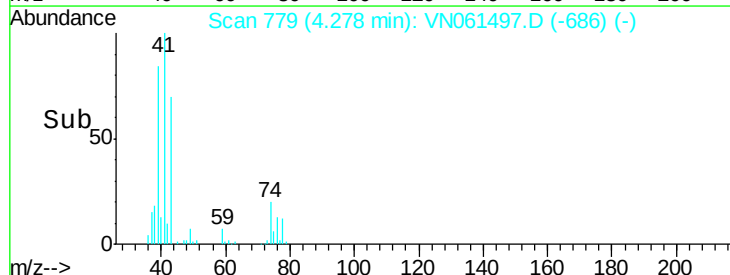
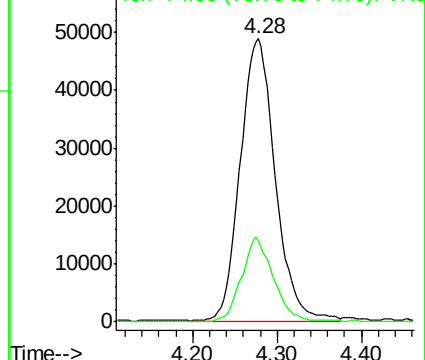
Ion Ratio Lower Upper

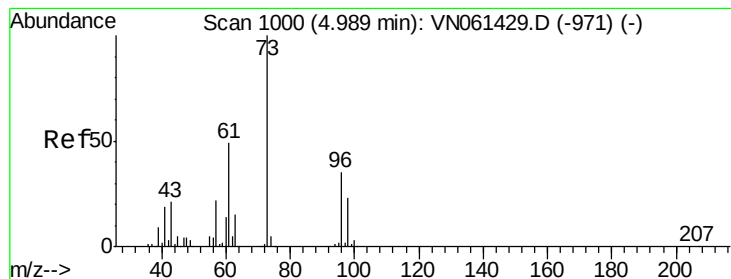
43 100

74 27.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO





#19

Methvl tert-butvl 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

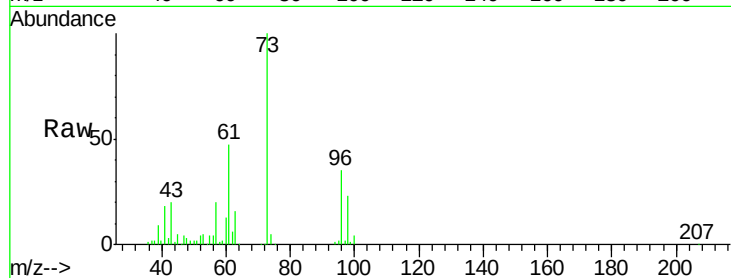
ClientSampleId :

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

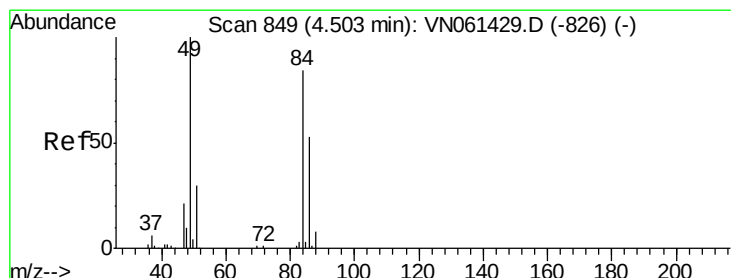
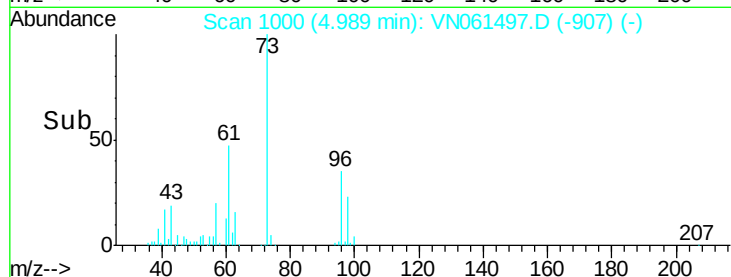
150000

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

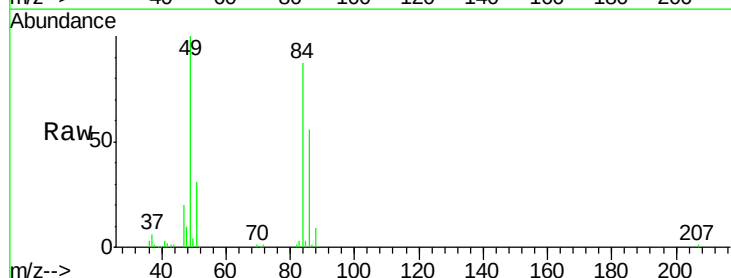
Ion Ratio Lower Upper

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

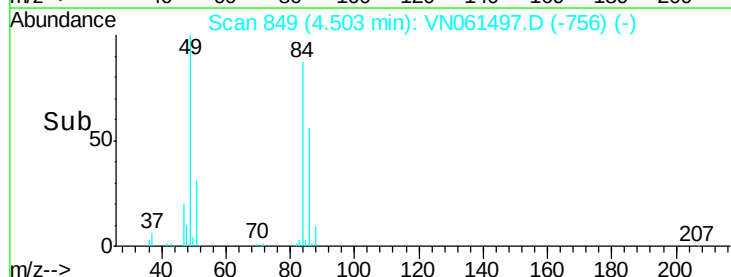
60000

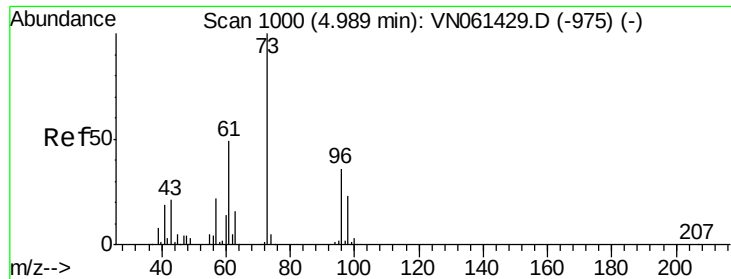
40000

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

ClientSampled :

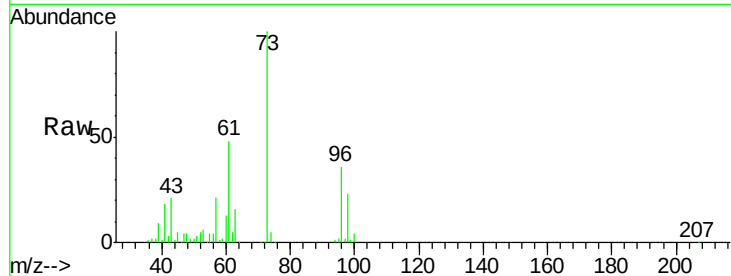
Tot Ion: 96 Resp: 168927

Ion Ratio Lower Upper

96 100

61 132.8 109.8 164.6

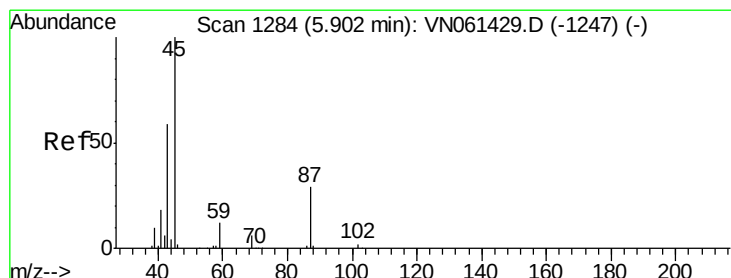
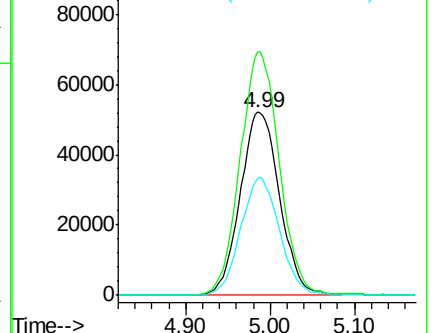
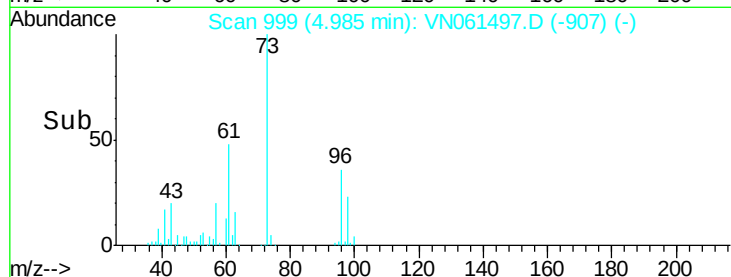
98 63.5 52.4 78.6



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

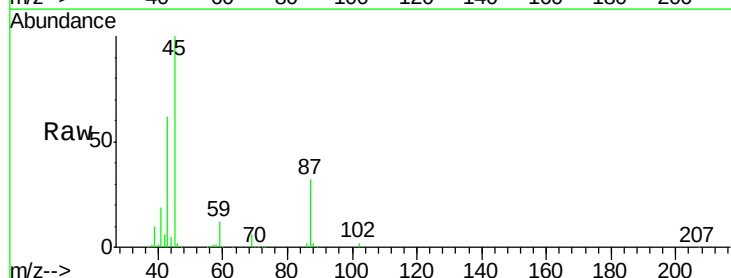
Ion Ratio Lower Upper

45 100

43 61.4 47.9 71.9

87 32.1 24.0 36.0

59 12.3 9.7 14.5

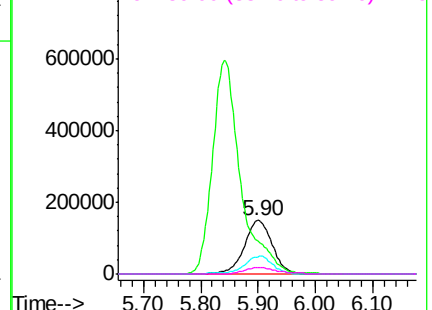
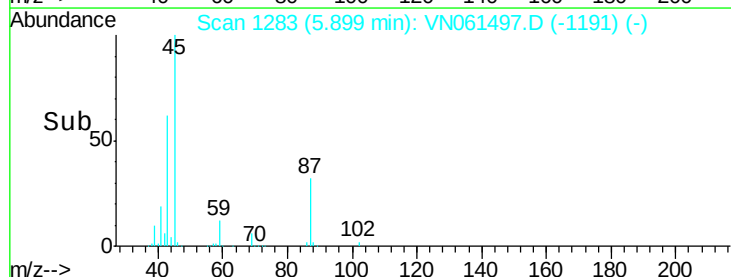


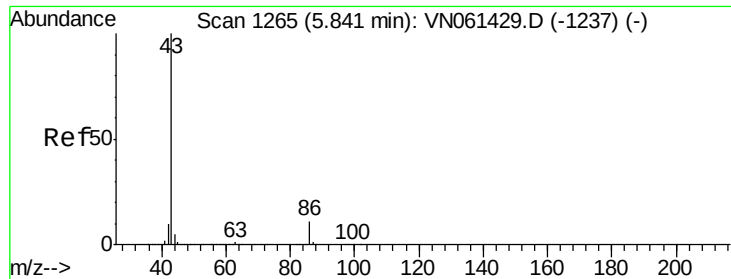
Abundance Ion 45.00 (44.70 to 45.70): VN061497.D (-1191) (-)

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) (-)

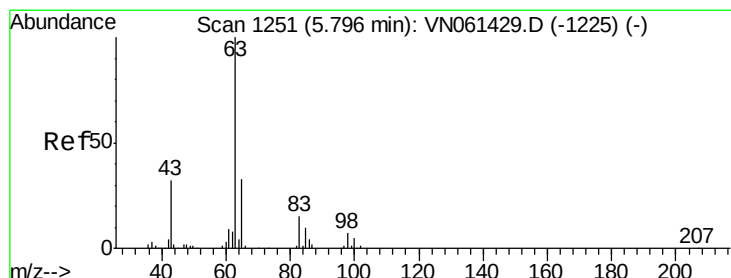
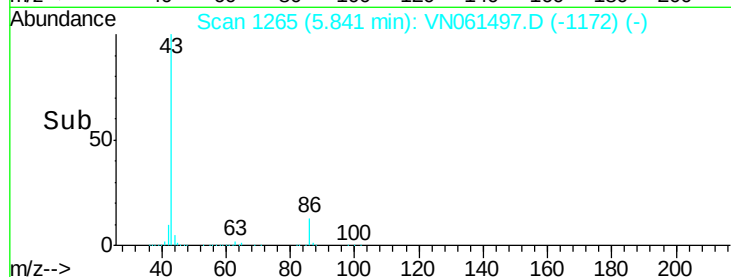
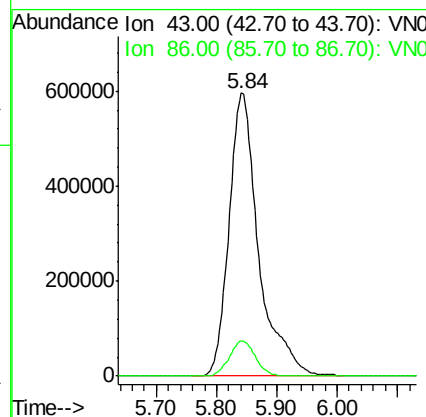
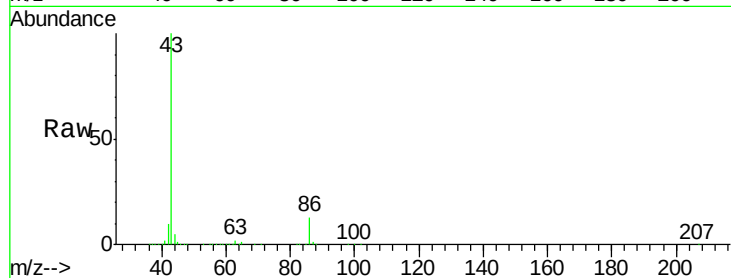




#23
 Vinyl Acetate
 Concen: 228.172 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

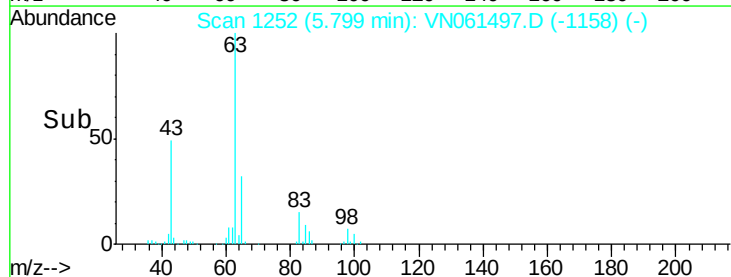
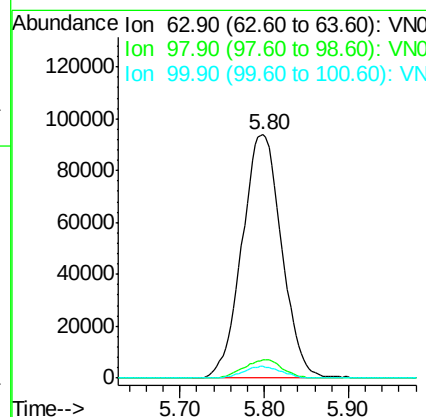
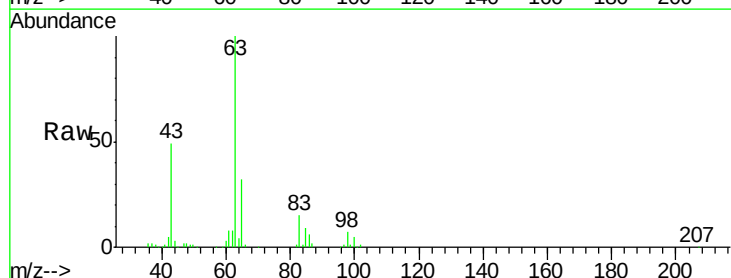
Instrument :
 MSVOA_N
 ClientSampleId :

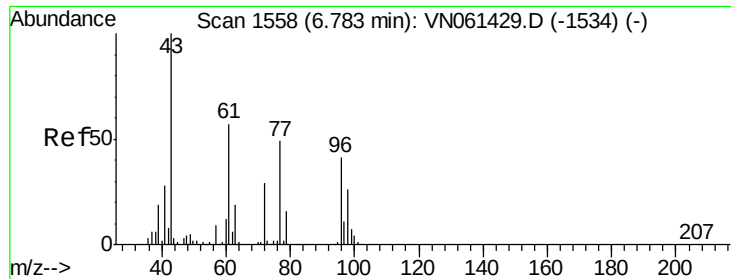
Tot Ion: 43 Resp: 2039489
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.1 13.7



#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

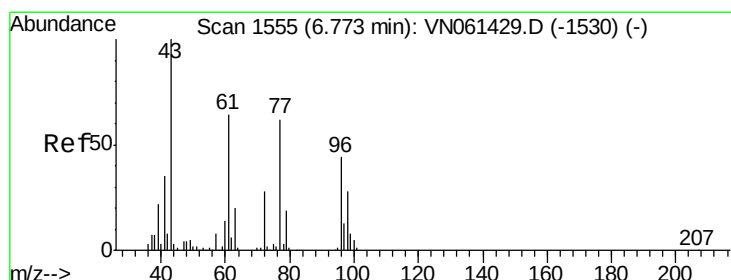
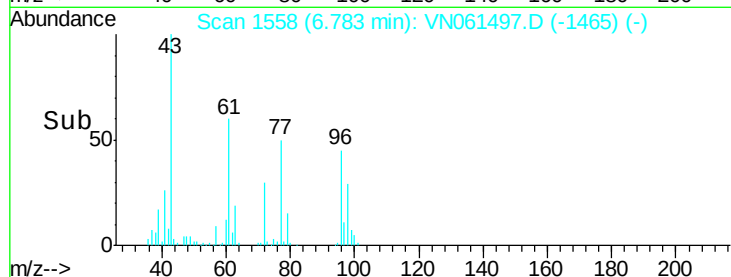
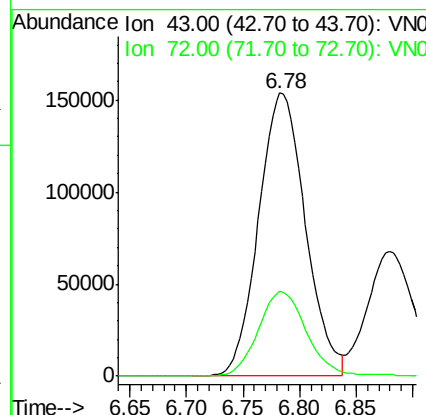
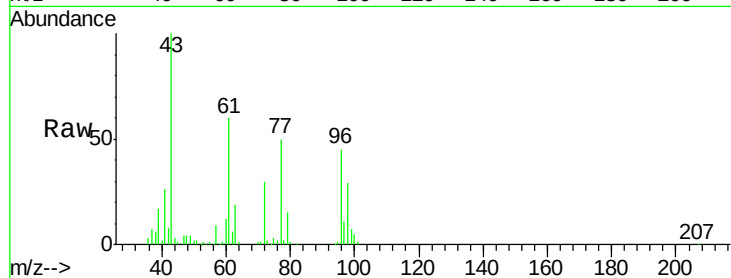




#25
 2-Butanone
 Concen: 216.354 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

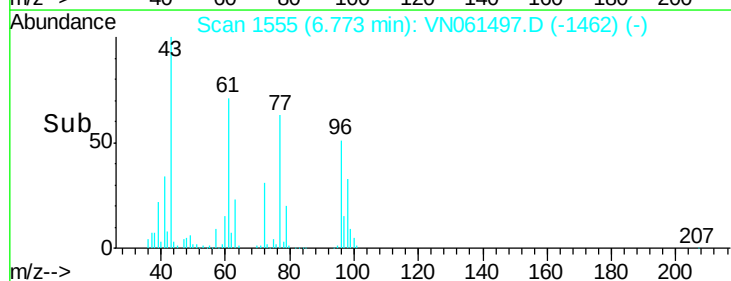
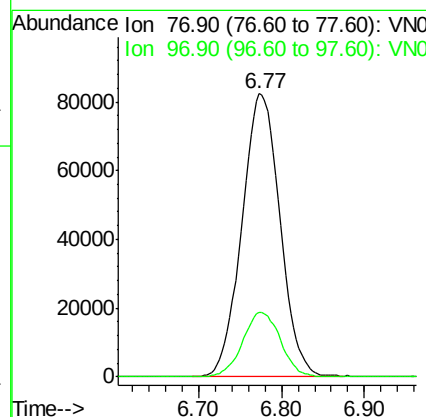
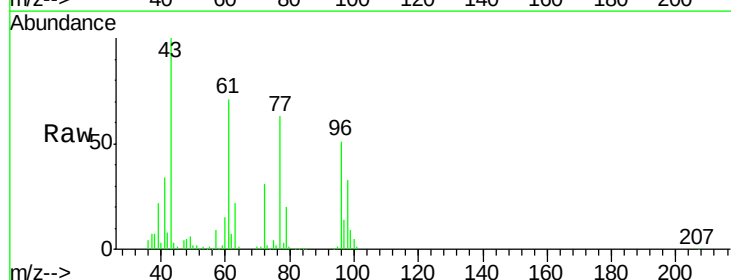
Instrument :
 MSVOA_N
 ClientSampleId :

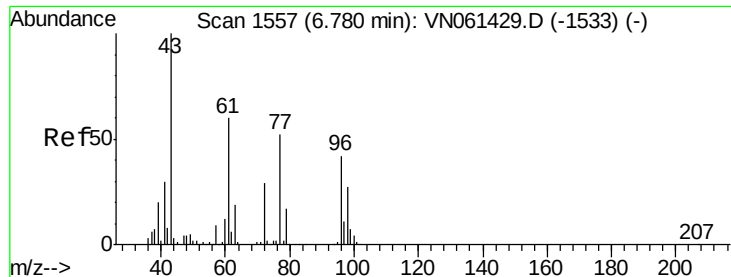
Tot Ion: 43 Resp: 440840
 Ion Ratio Lower Upper
 43 100
 72 30.0 23.0 34.6



#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
ClientSampled :

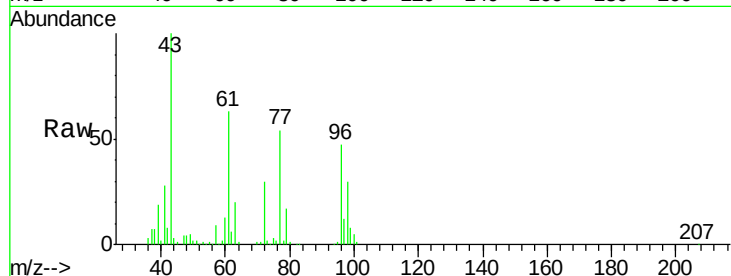
Tot Ion: 96 Resp: 207043

Ion Ratio Lower Upper

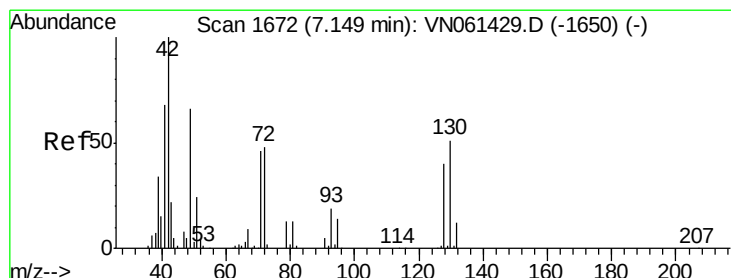
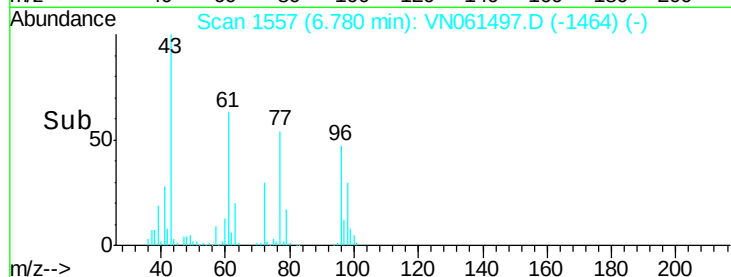
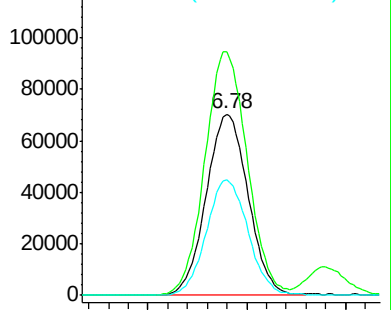
96 100

61 136.2 0.0 294.2

98 63.7 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#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

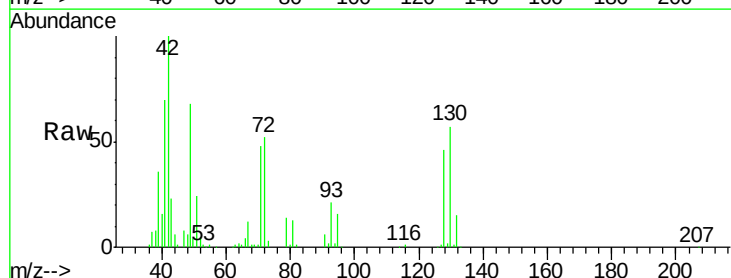
Tgt Ion: 49 Resp: 132967

Ion Ratio Lower Upper

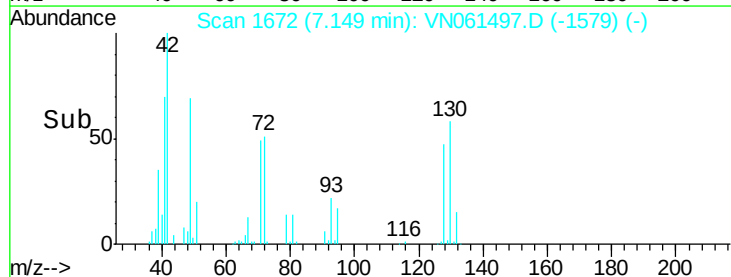
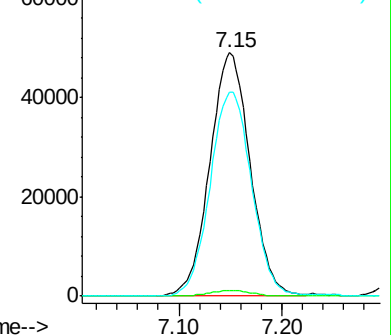
49 100

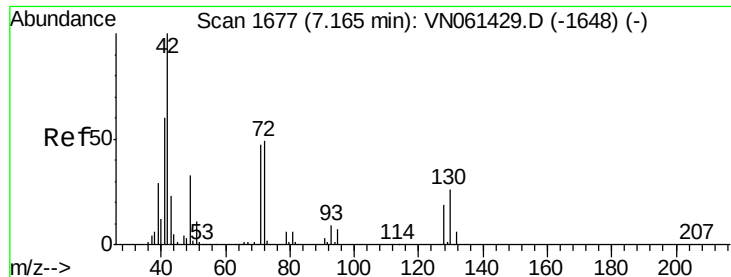
129 2.3 0.0 4.6

130 86.8 62.2 93.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

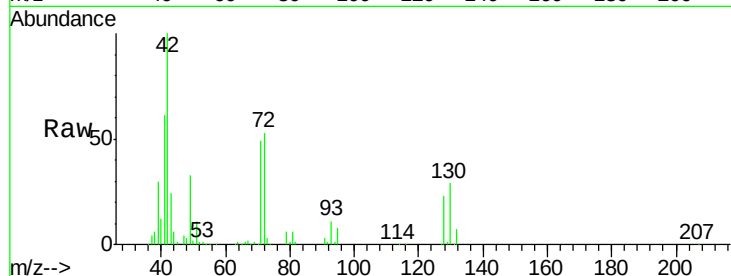




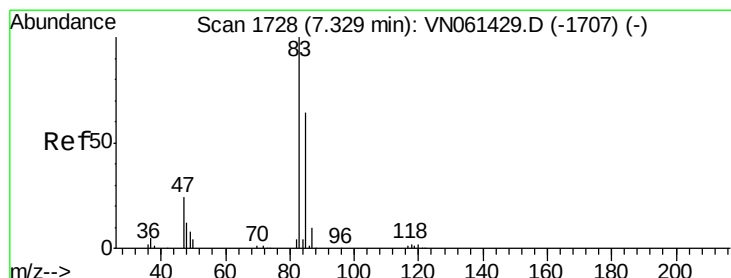
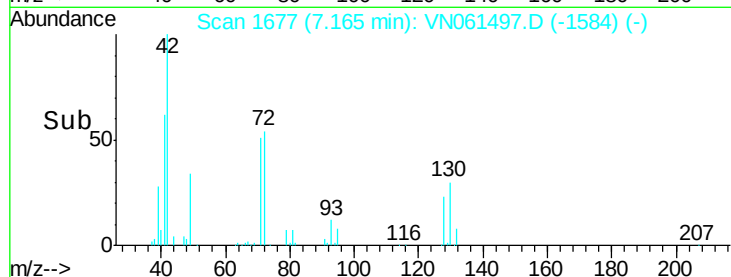
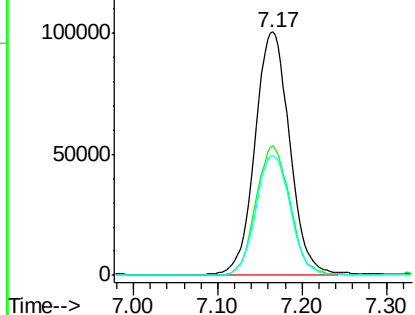
#29
Tetrahydrofuran
Concen: 213.938 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampled :

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

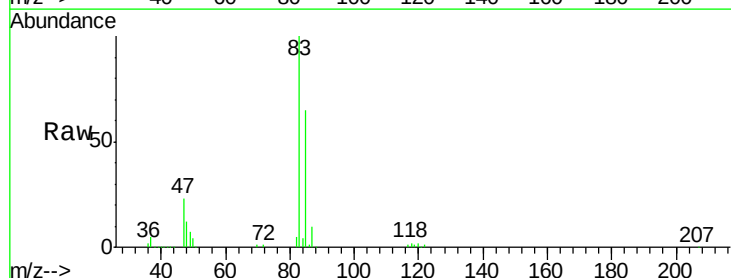


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

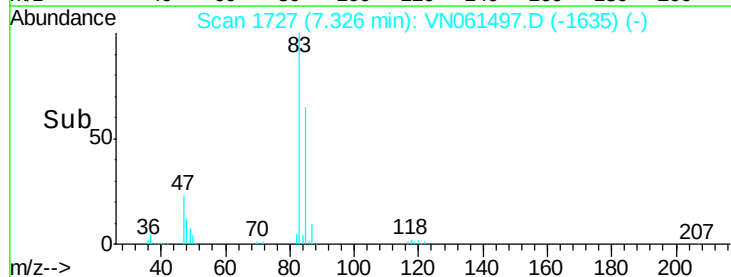
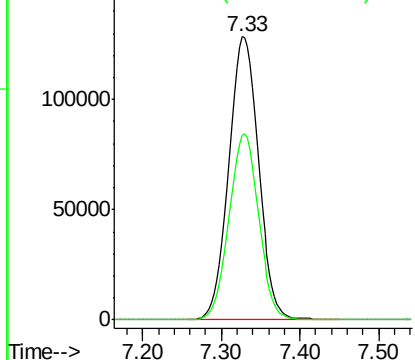


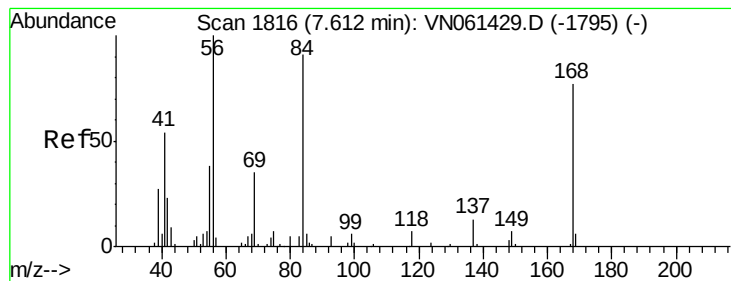
#30
Chloroform
Concen: 49.449 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

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
ClientSampled :

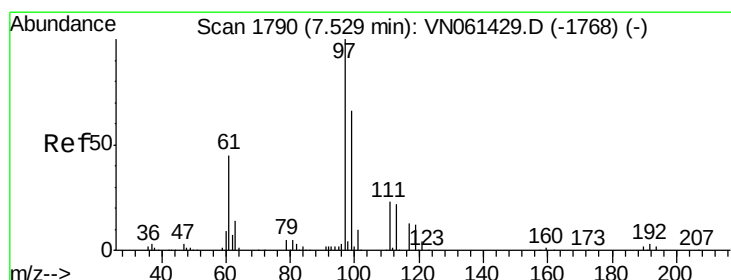
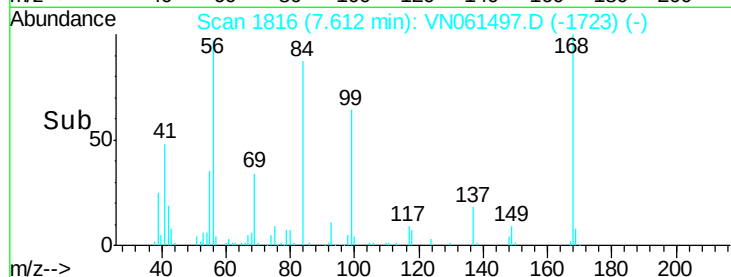
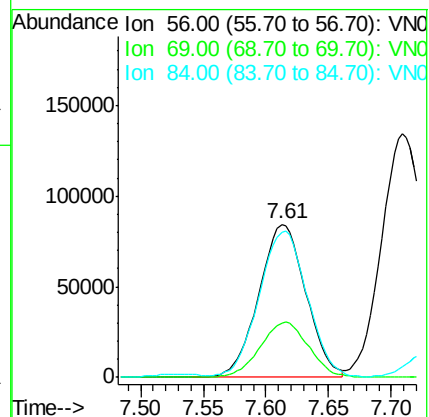
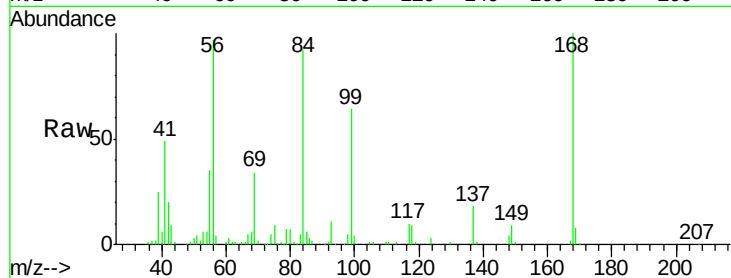
Tot Ion: 56 Resp: 220635

Ion Ratio Lower Upper

56 100

69 35.5 27.8 41.6

84 93.1 72.7 109.1



#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

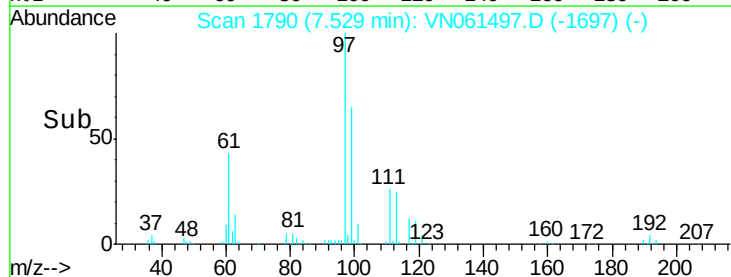
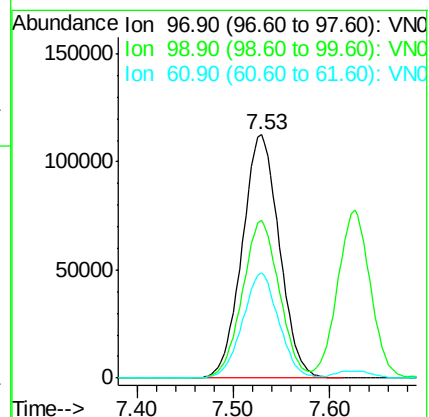
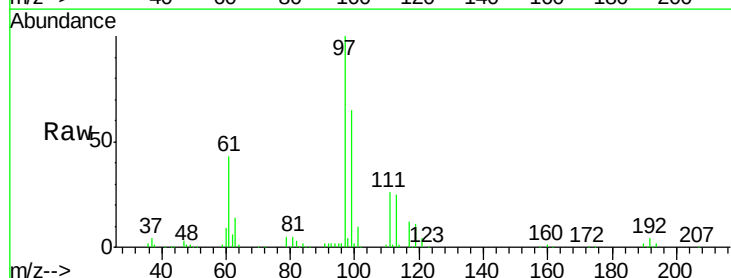
Tgt Ion: 97 Resp: 301054

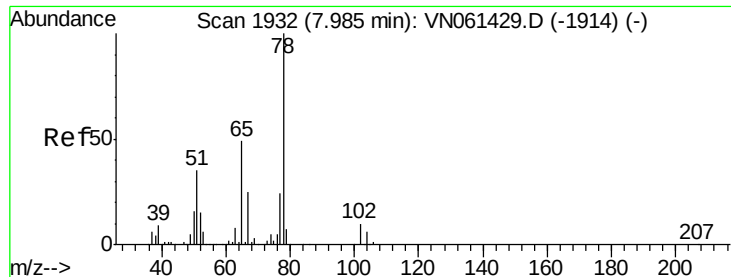
Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 42.0 35.8 53.6

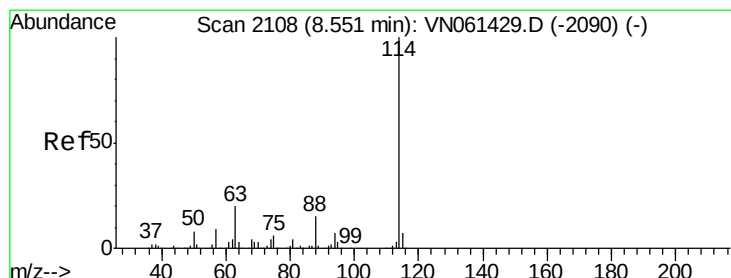
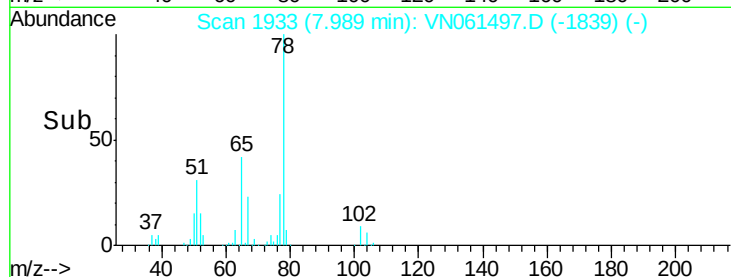
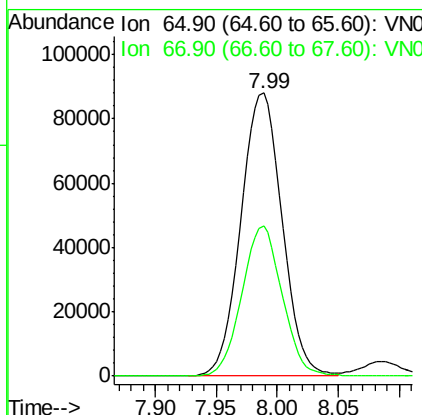
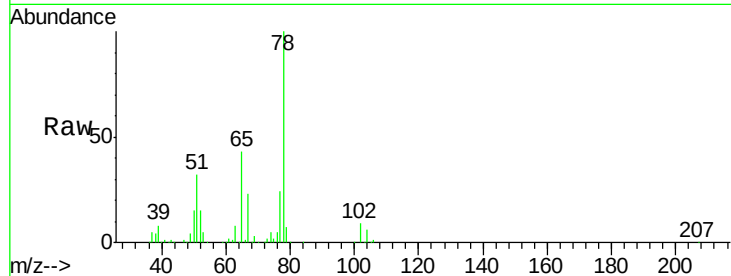




#33
 1,2-Dichloroethane-d4
 Concen: 46.050 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

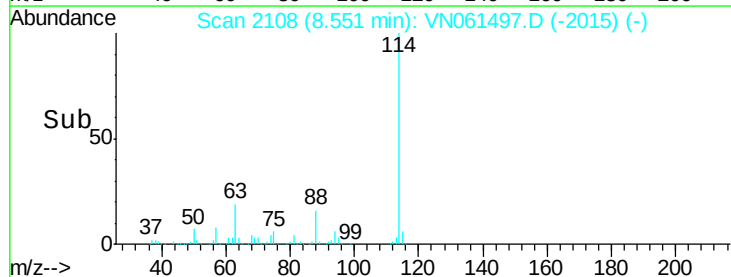
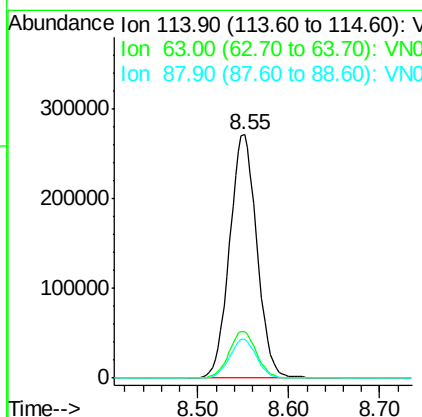
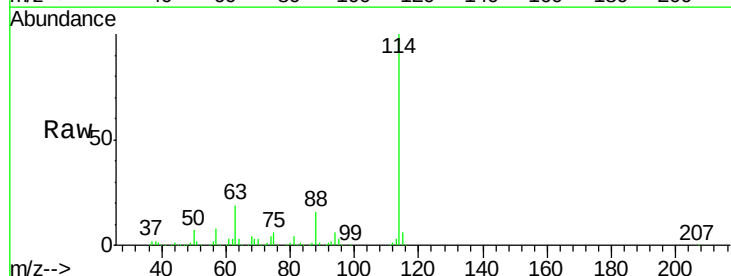
Instrument :
 MSVOA_N
 ClientSampleId :

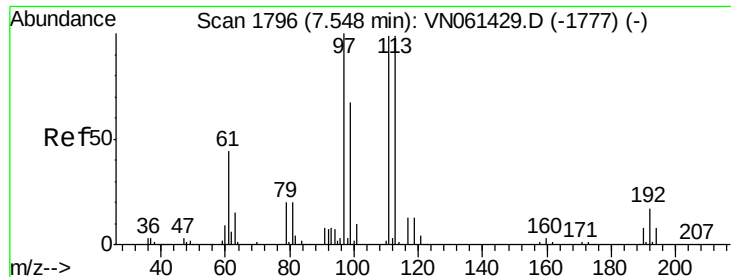
Tot Ion: 65 Resp: 206080
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.4



#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

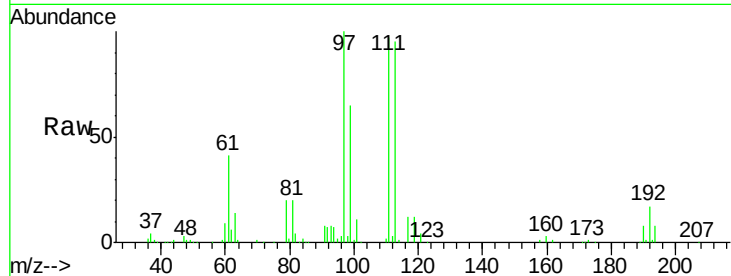




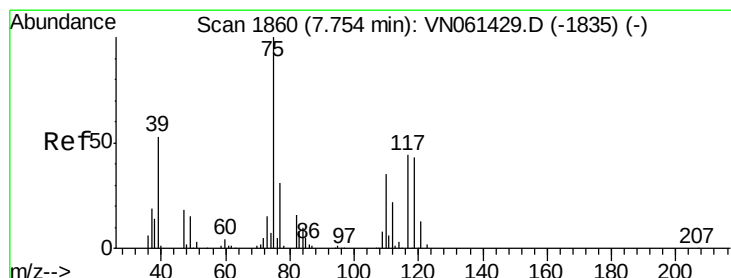
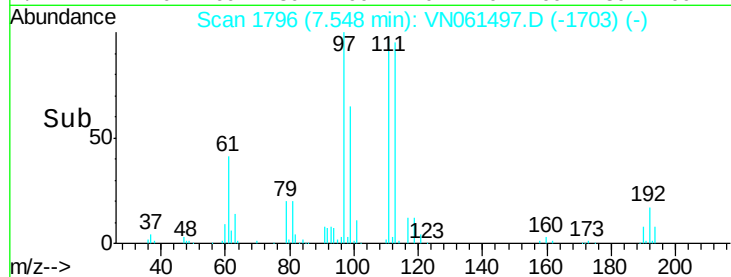
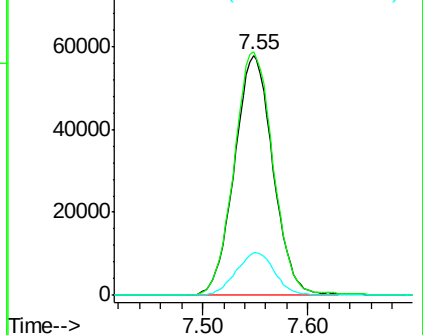
#35
 Dibromofluoromethane
 Concen: 49.570 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 146570
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.6 121.0
 192 17.9 13.2 19.8

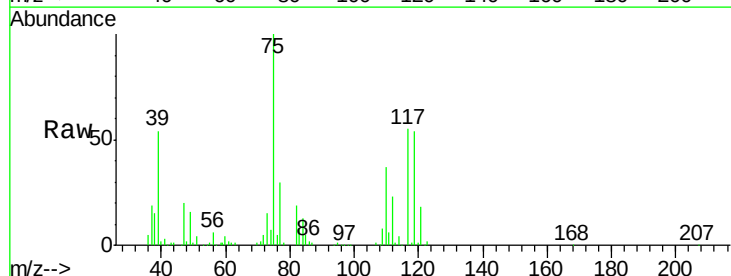


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

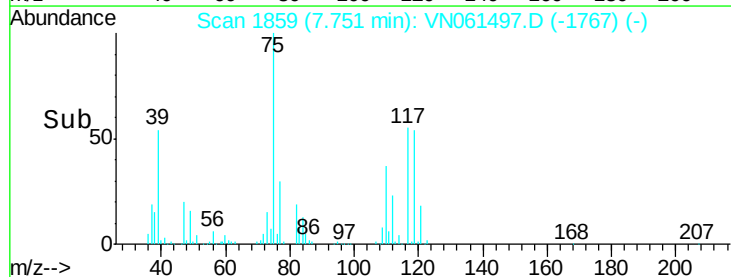
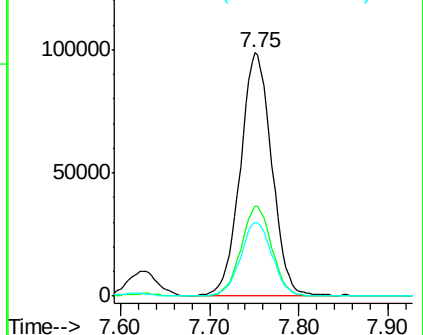


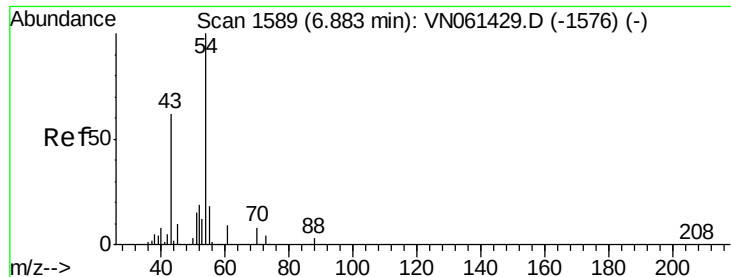
#36
 1,1-Dichloropropene
 Concen: 45.366 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 75 Resp: 239419
 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

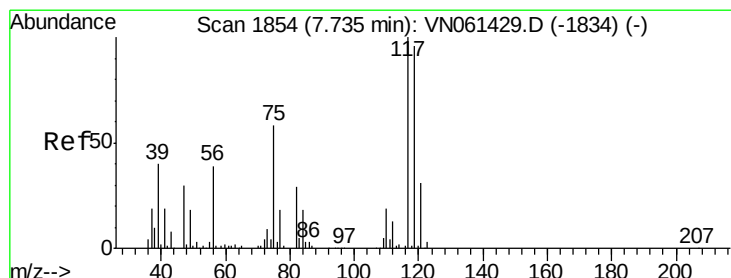
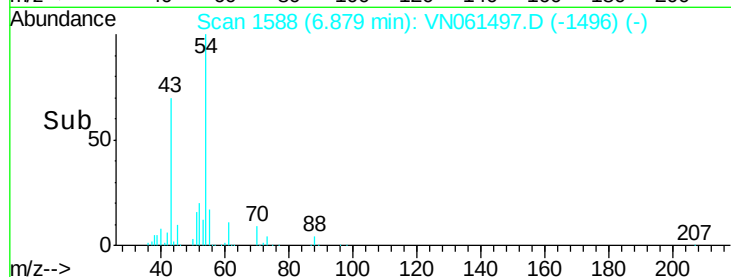
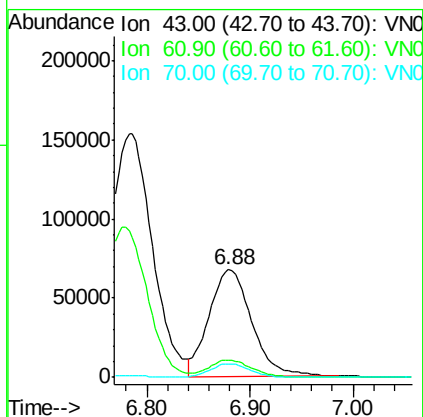
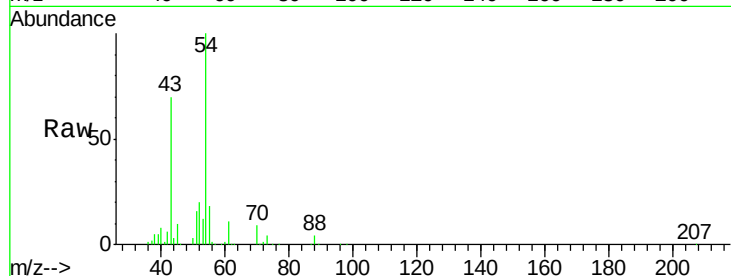




#37
Ethyl Acetate
Concen: 40.660 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

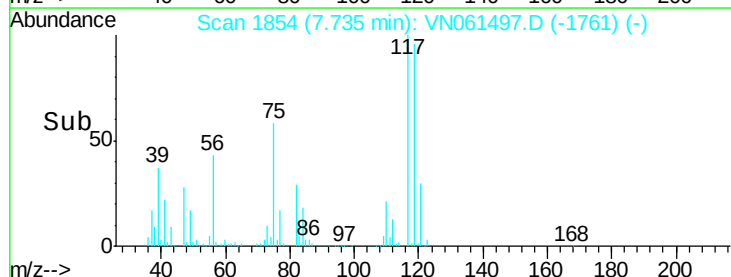
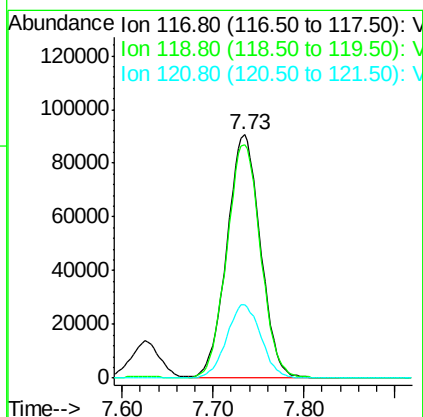
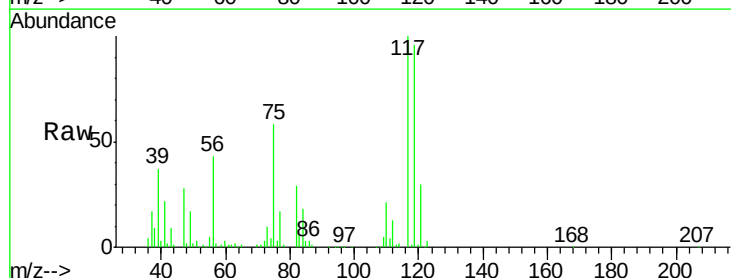
Instrument :
MSVOA_N
ClientSampled :

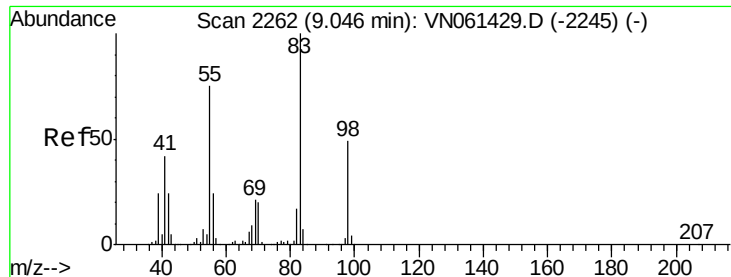
Tot Ion: 43 Resp: 194604
Ion Ratio Lower Upper
43 100
61 15.6 11.7 17.5
70 12.1 9.2 13.8



#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

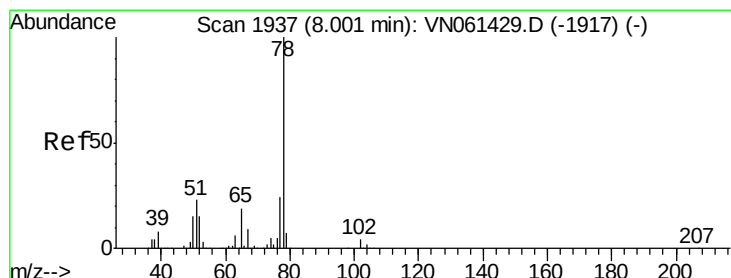
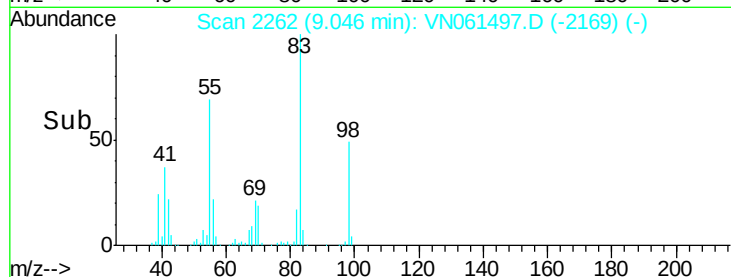
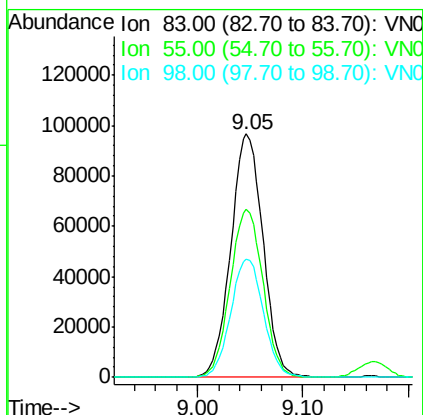
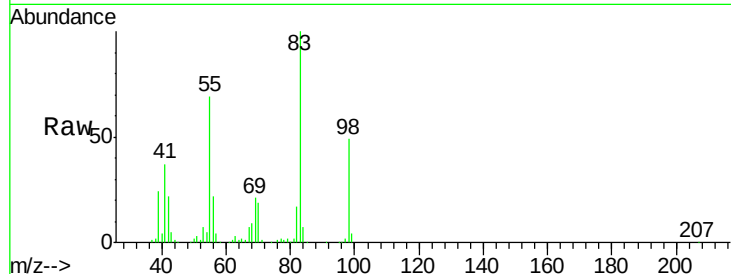




#39
Methylvlcyclohexane
Concen: 31.771 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

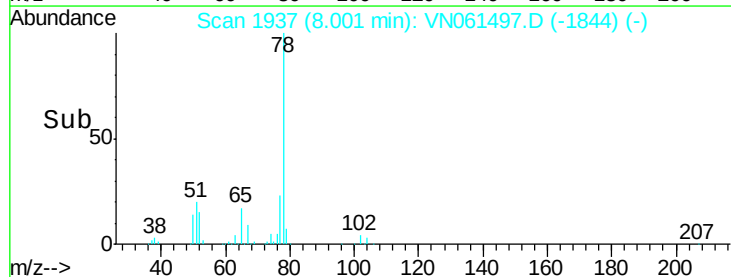
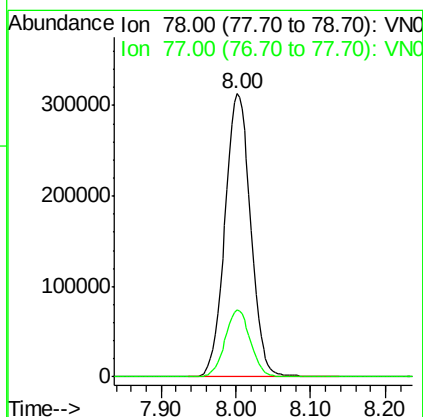
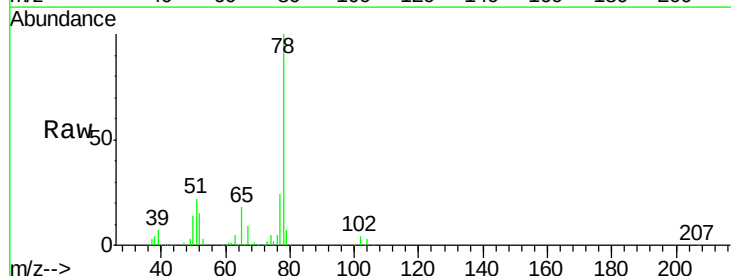
Instrument :
MSVOA_N
ClientSampled :

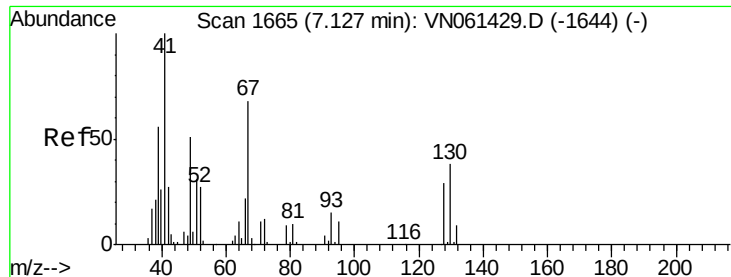
Tot Ion	83	Resp	204796
Ion Ratio	Lower	Upper	
83	100		
55	69.1	59.7	89.5
98	48.6	38.9	58.3



#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

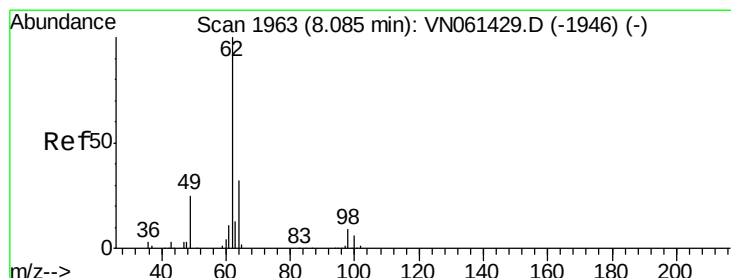
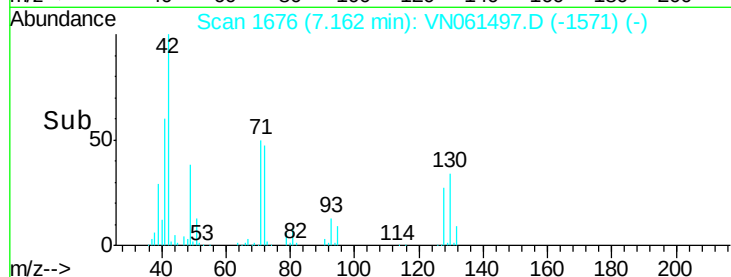
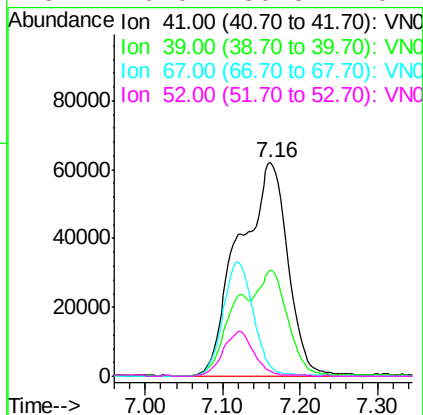
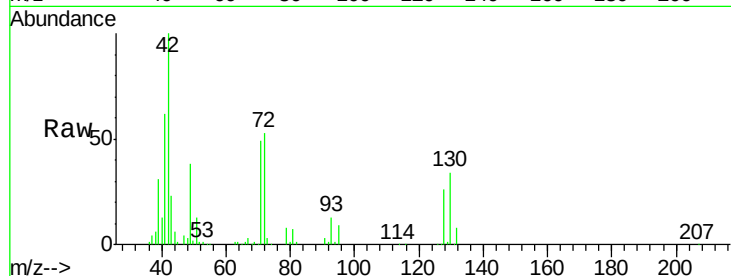




#41
Methacrylonitrile
Concen: 134.762 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

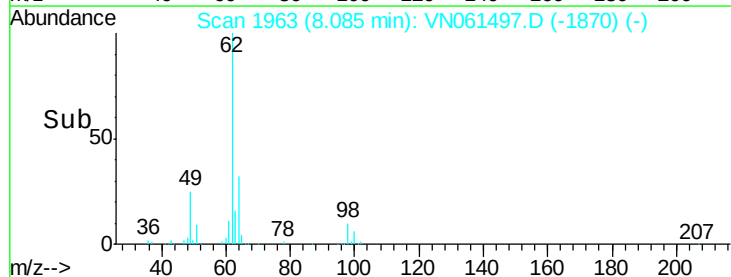
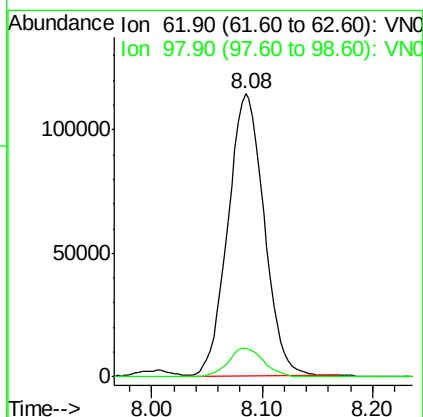
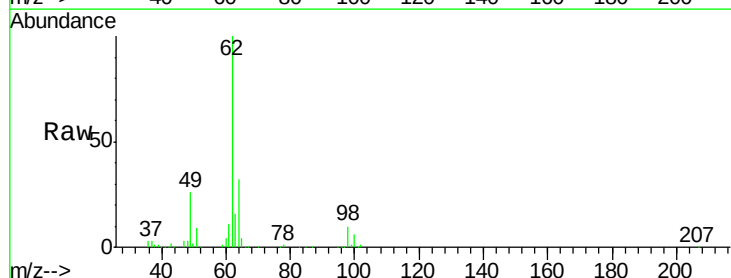
Instrument :
MSVOA_N
ClientSampleId :

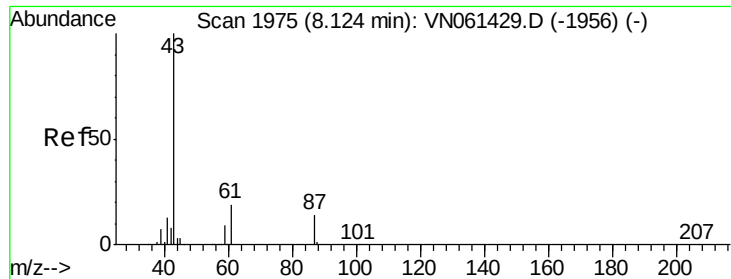
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.3	72.5#
67	0.0	74.2	111.4#
52	0.0	30.8	46.2#



#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	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.4

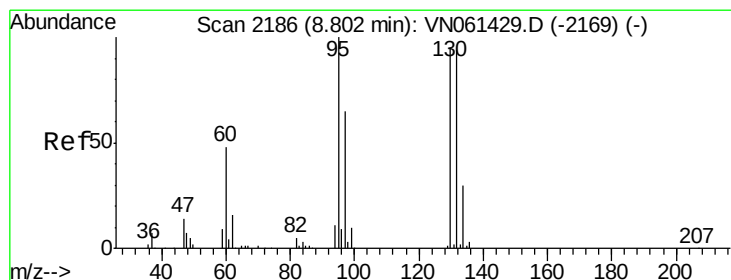
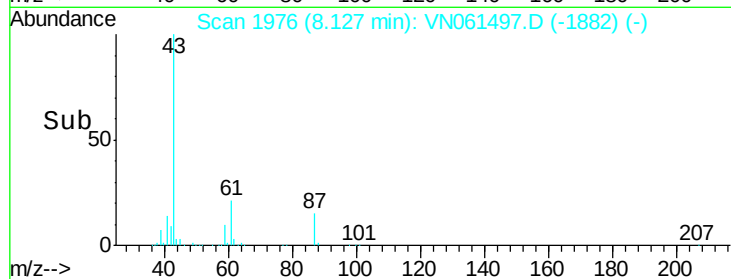
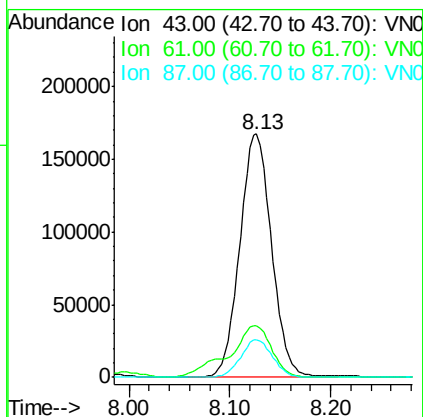
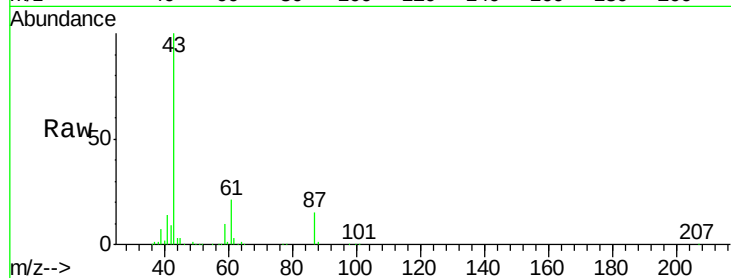




#43
Isopropyl Acetate
Concen: 43.519 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

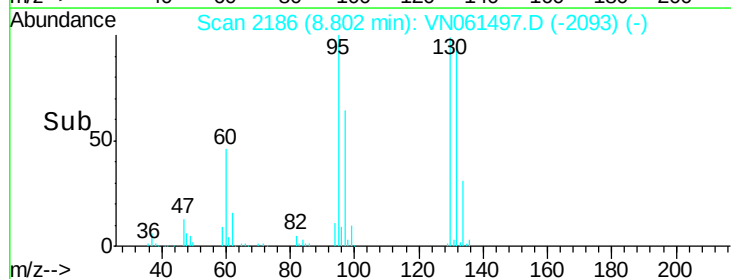
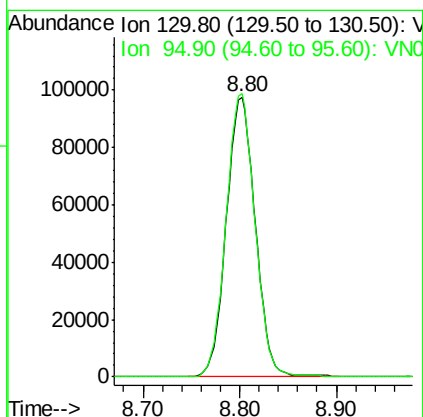
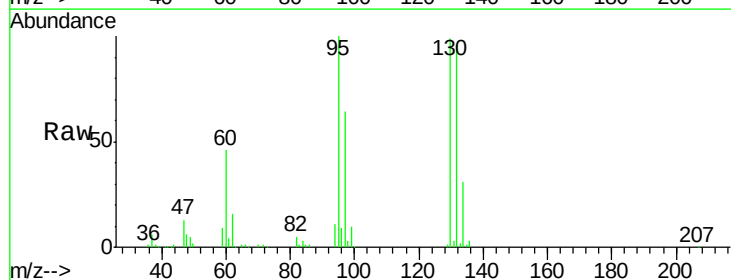
Instrument :
MSVOA_N
ClientSampleId :

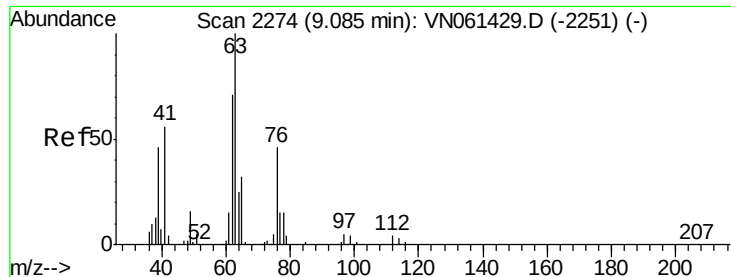
Tot Ion: 43 Resp: 363280
Ion Ratio Lower Upper
43 100
61 21.7 23.0 34.4#
87 15.5 11.6 17.4



#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

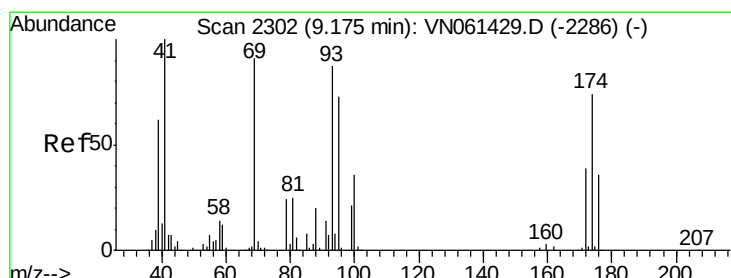
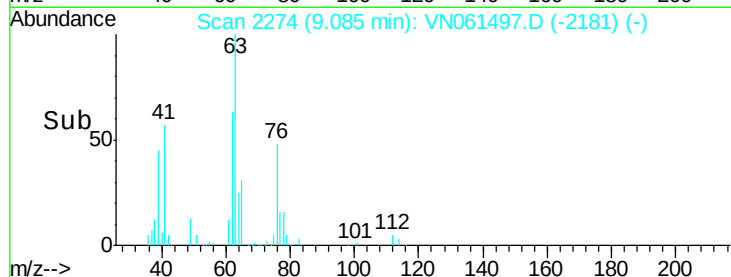
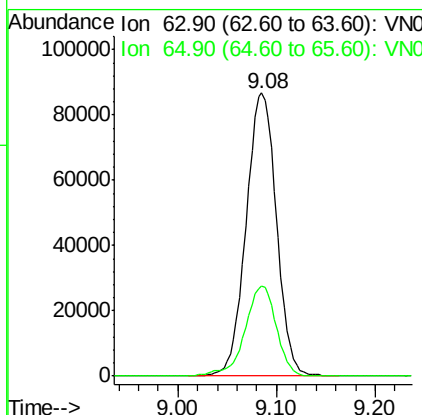
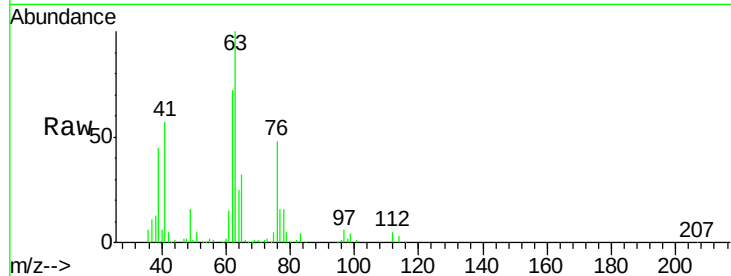




#45
 1,2-Dichloropropane
 Concen: 46.180 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

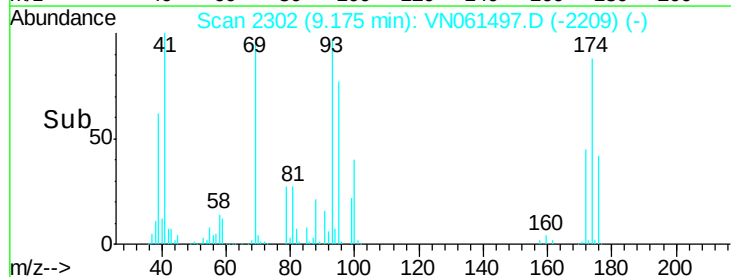
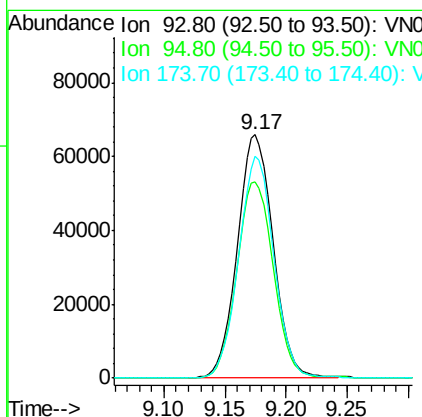
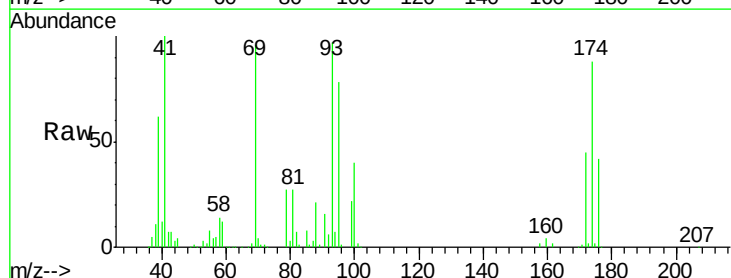
Instrument :
 MSVOA_N
 ClientSampleId :

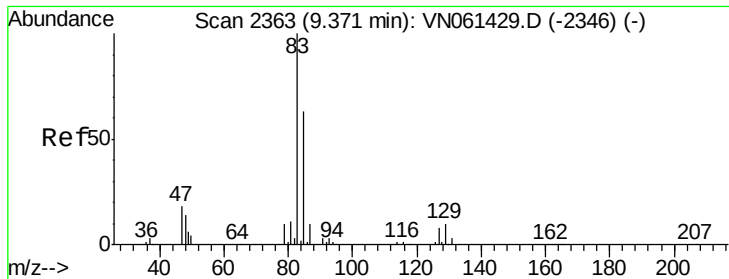
Tot Ion: 63 Resp: 183837
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.2 37.8



#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





#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 :

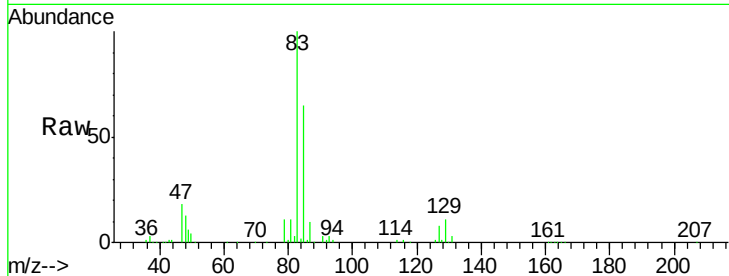
Tot Ion: 83 Resp: 276808

Ion Ratio Lower Upper

83 100

85 64.6 50.6 76.0

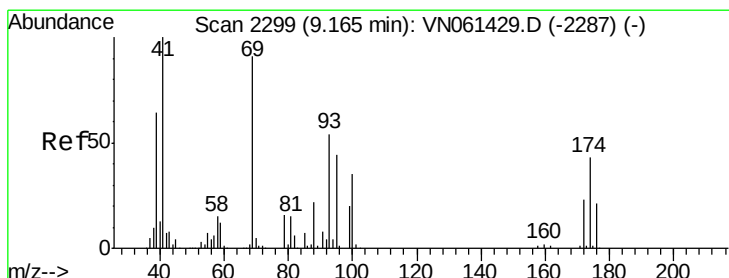
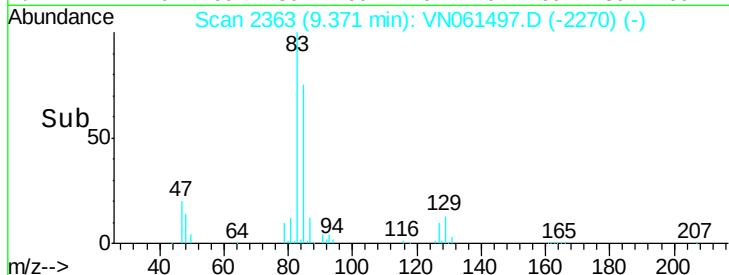
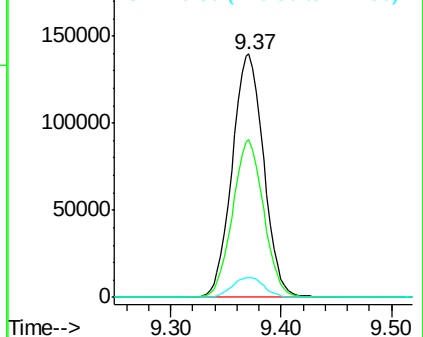
127 8.3 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN061497.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061497.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061497.D (-2270) (-)



#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

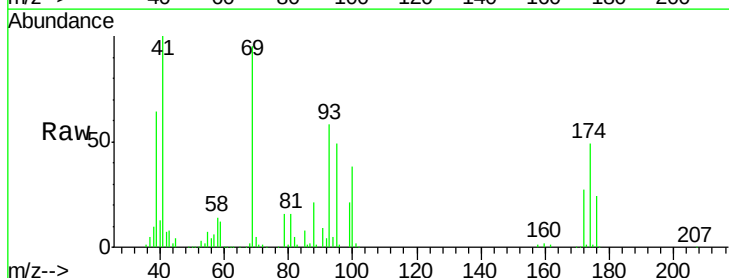
Tgt Ion: 41 Resp: 165803

Ion Ratio Lower Upper

41 100

69 96.6 75.3 112.9

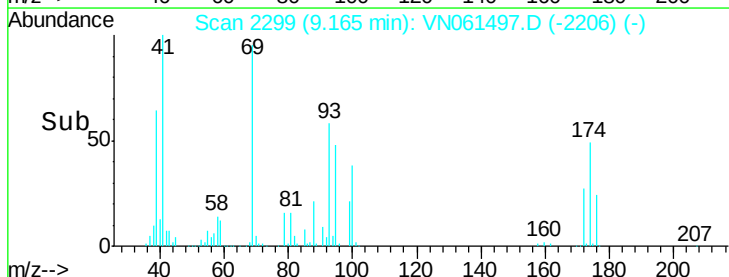
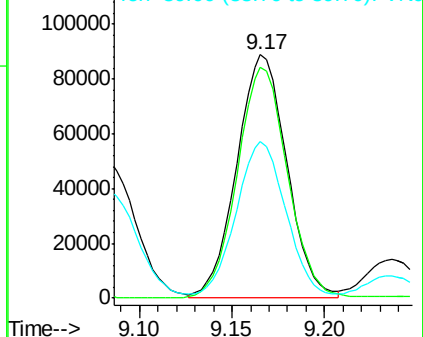
39 64.5 52.6 79.0

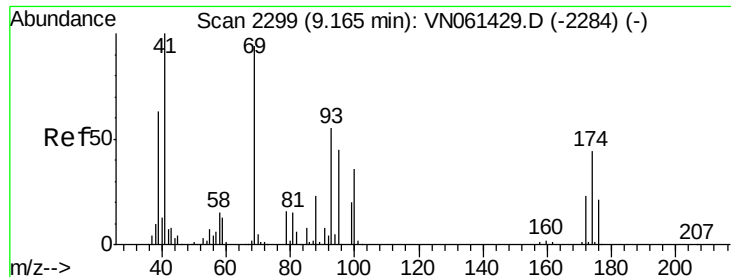


Abundance Ion 41.00 (40.70 to 41.70): VN061497.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061497.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061497.D (-2206) (-)





#49

1,4-Dioxane

Concen: 972.765 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

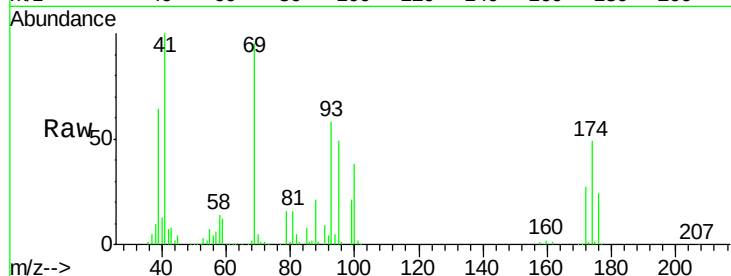
Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :

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

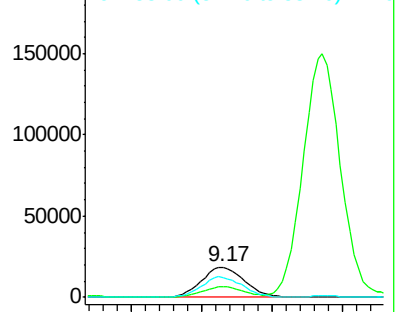


Abundance

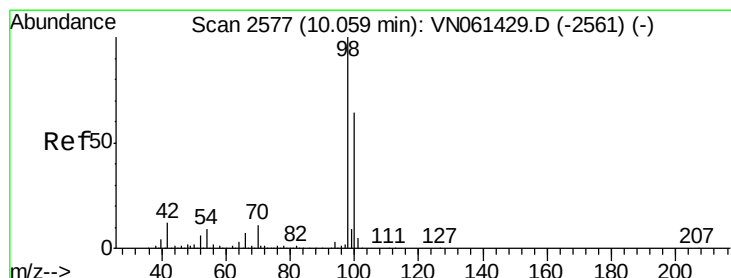
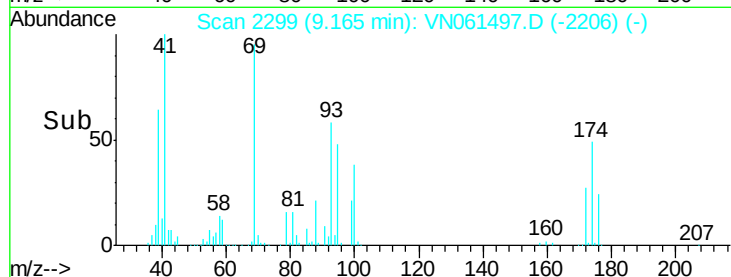
Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 46.027 ug/l

RT: 10.06 min Scan# 2577

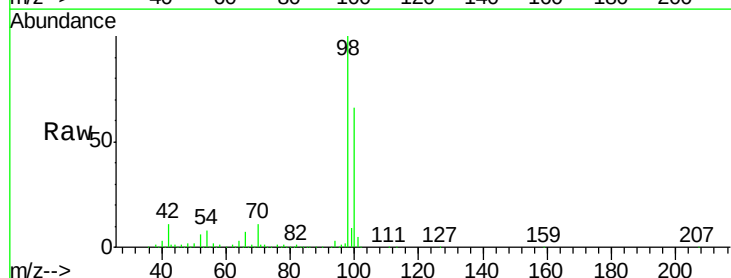
Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion: 98 Resp: 631228

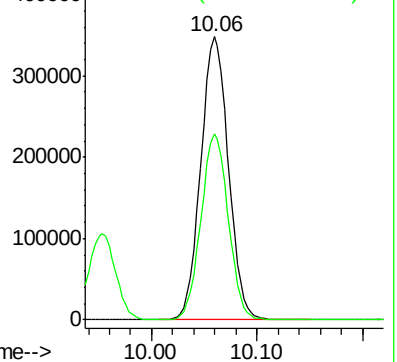
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.8



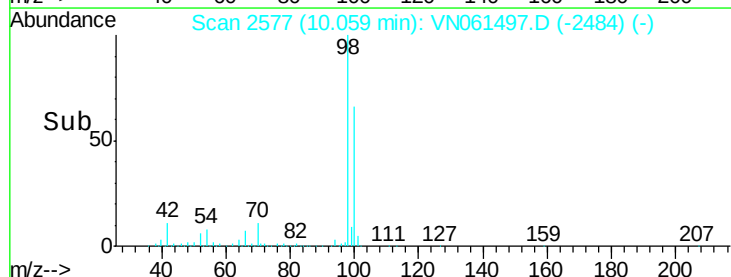
Abundance

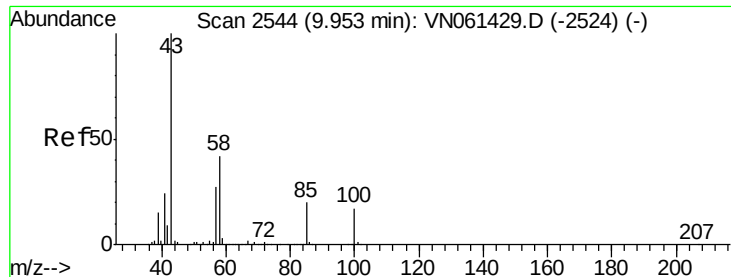
Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->

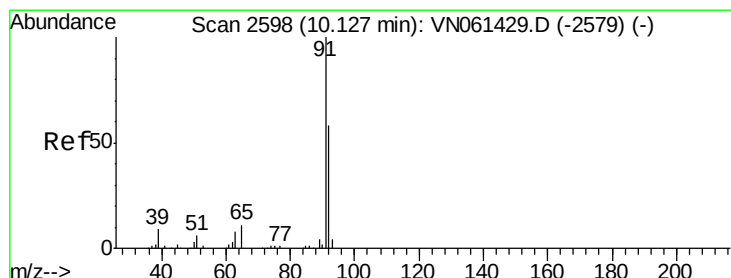
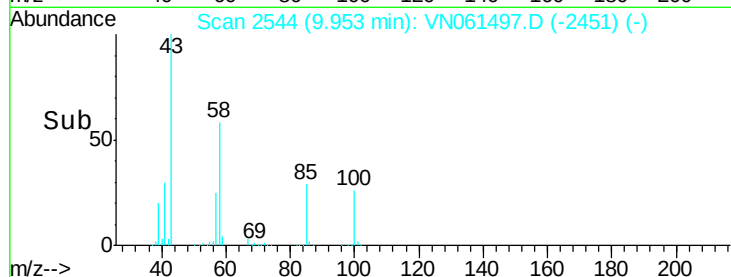
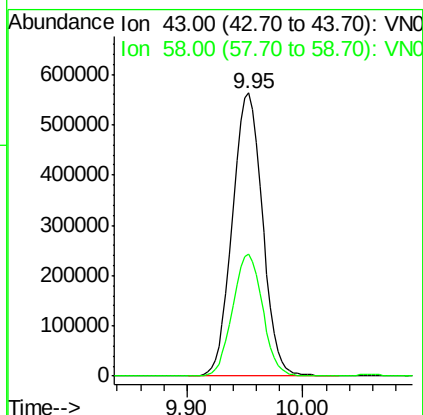
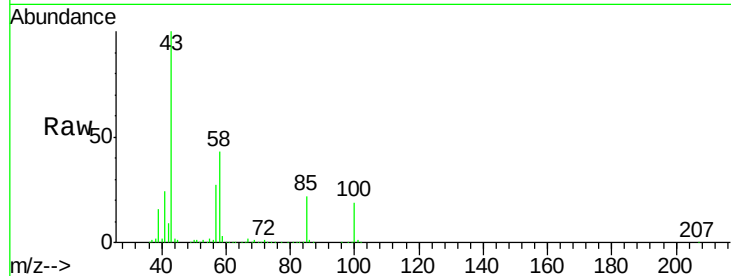




#51
 4-Methyl-2-Pentanone
 Concen: 222.276 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

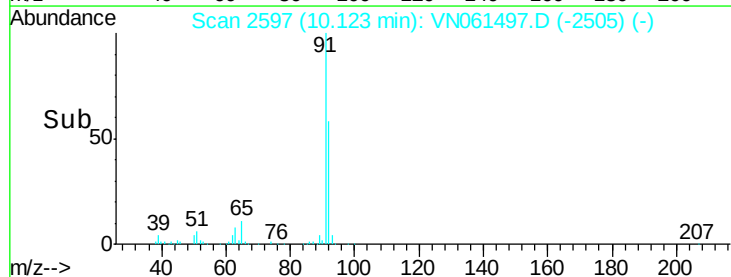
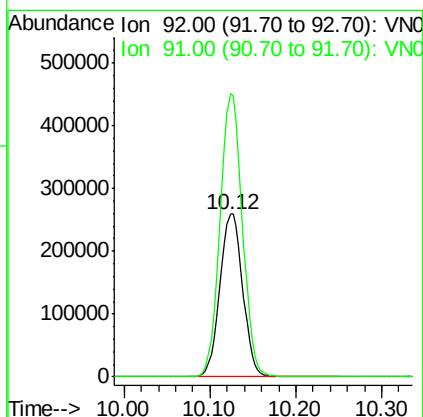
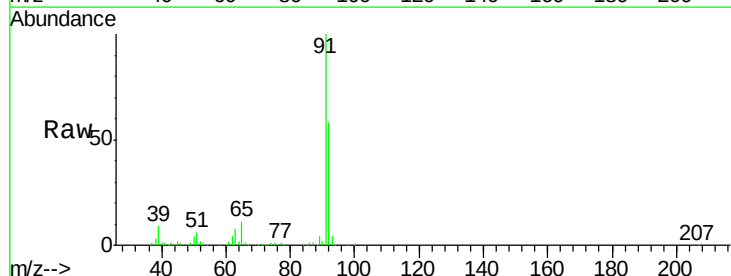
Instrument :
 MSVOA_N
 ClientSampled :

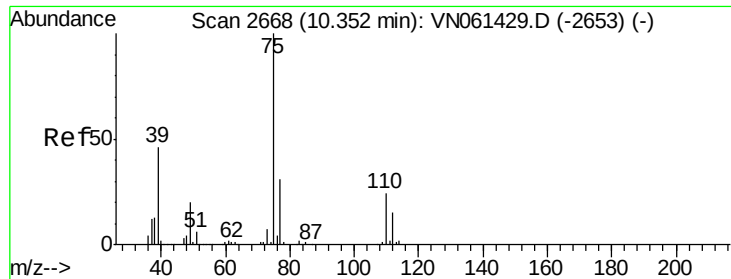
Tot Ion: 43 Resp: 1010781
 Ion Ratio Lower Upper
 43 100
 58 43.0 33.4 50.2



#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





#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

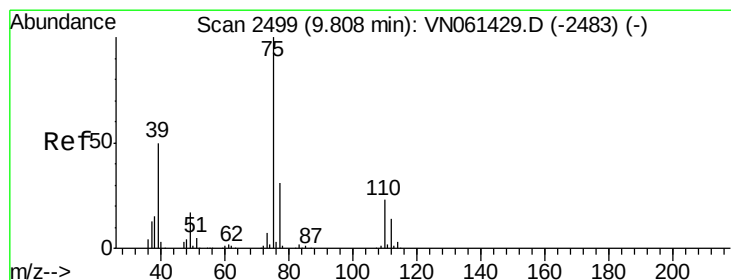
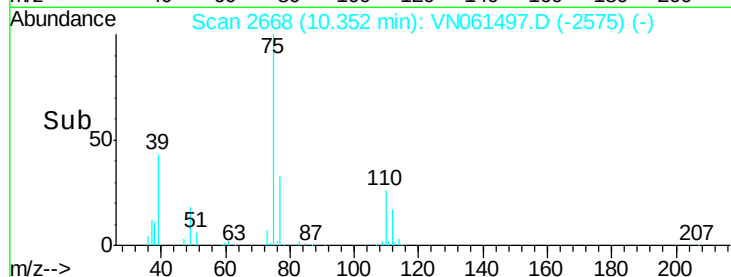
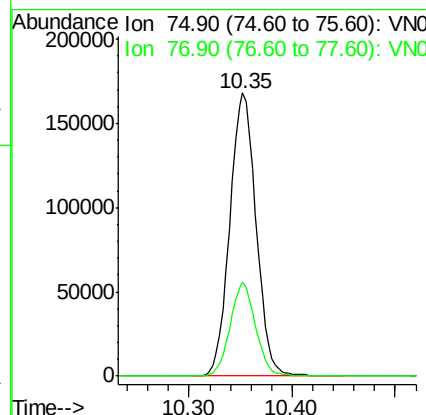
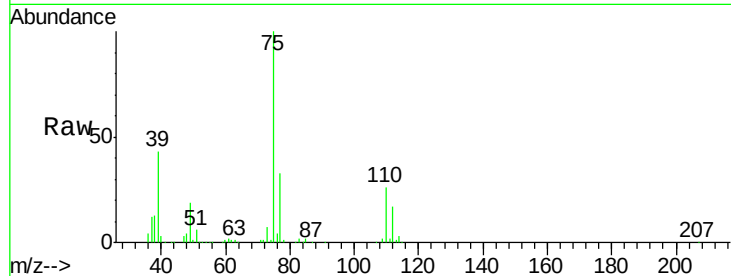
ClientSampleId :

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

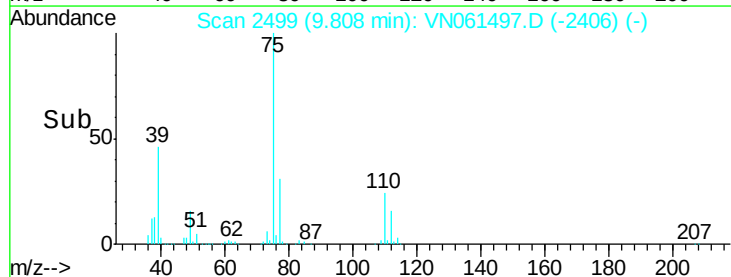
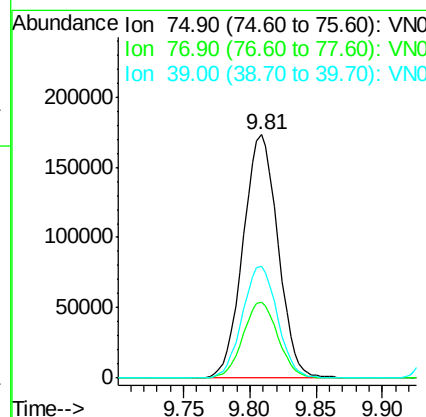
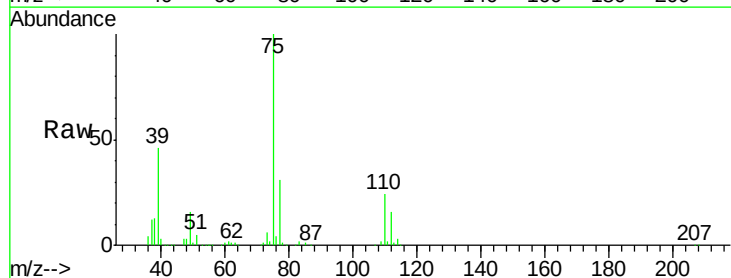
Tgt Ion: 75 Resp: 318261

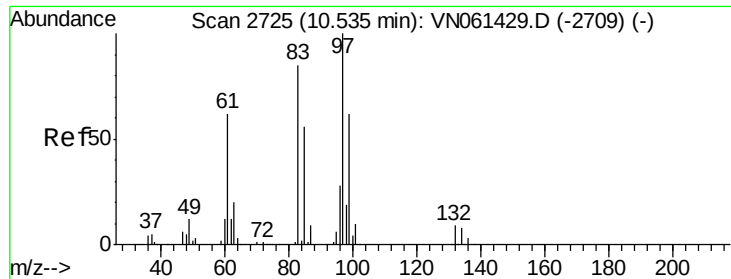
Ion Ratio Lower Upper

75 100

77 31.2 24.8 37.2

39 46.0 39.8 59.6

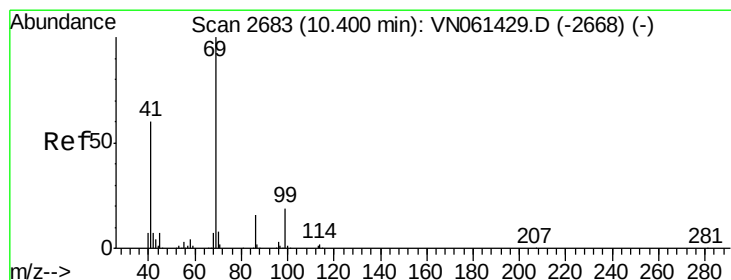
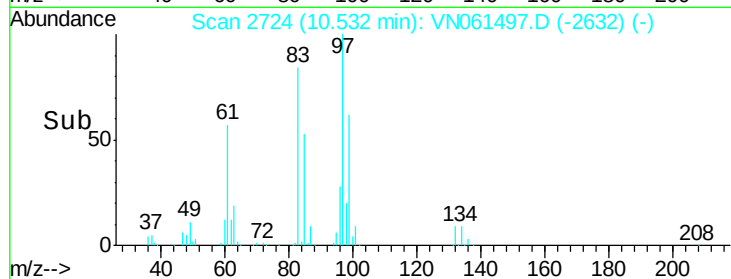
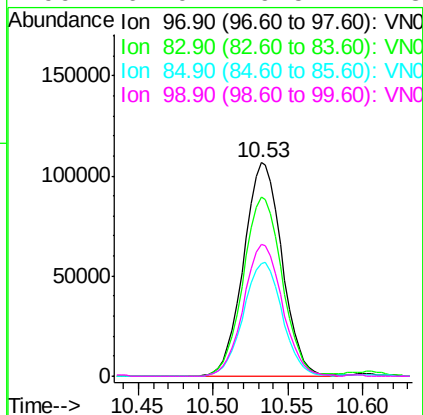
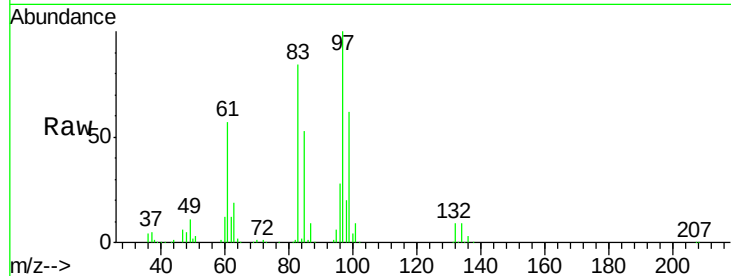




#55
 1,1,2-Trichloroethane
 Concen: 49.468 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

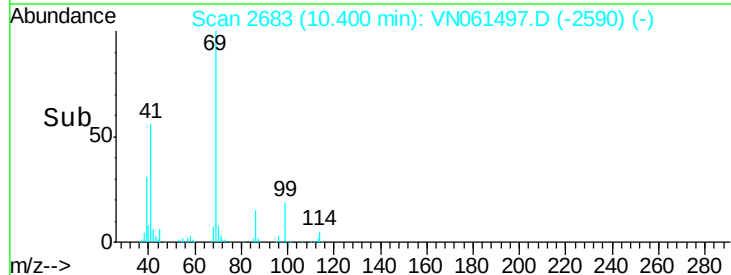
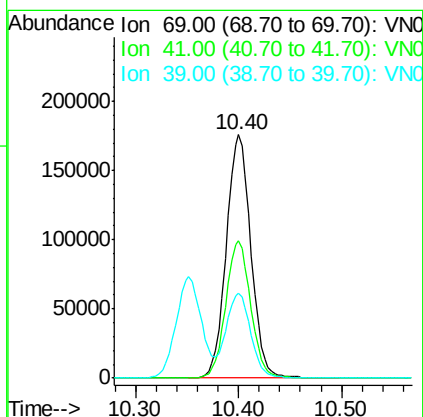
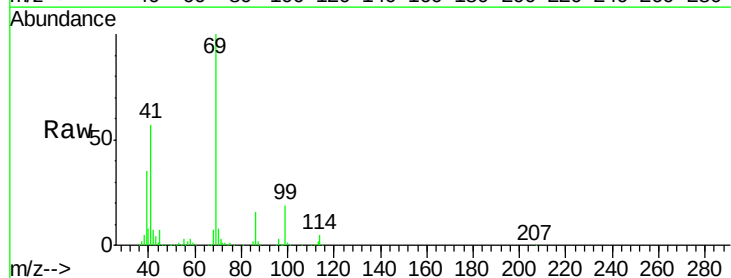
Instrument :
 MSVOA_N
 ClientSampleId :

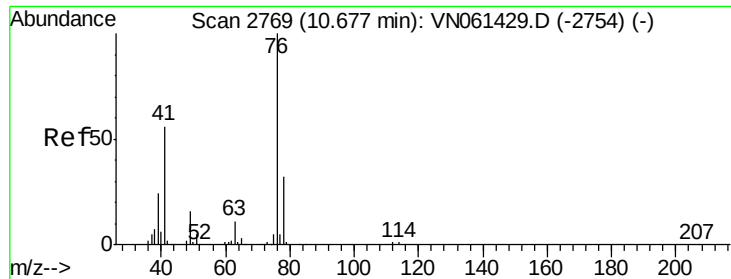
Tot Ion:	97	Resp:	190965
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.2	102.4
85	53.0	44.6	67.0
99	62.0	49.5	74.3



#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

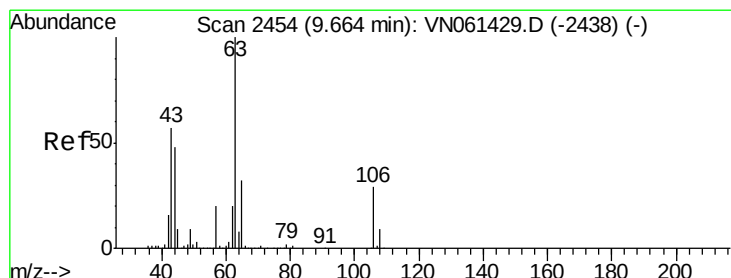
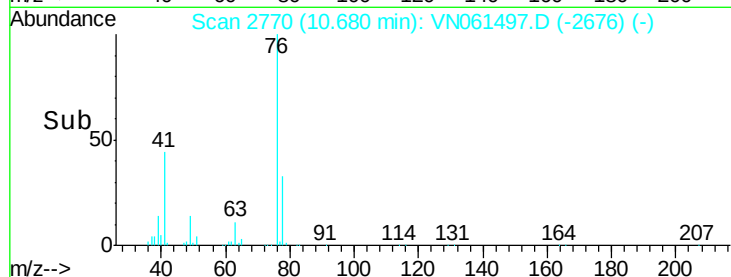
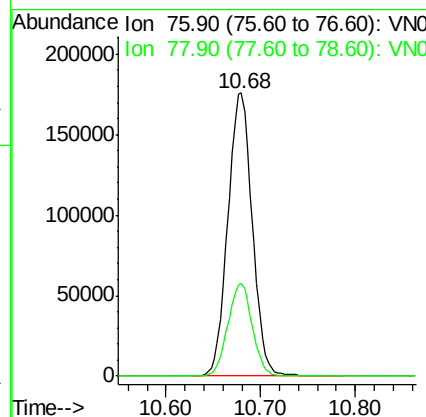
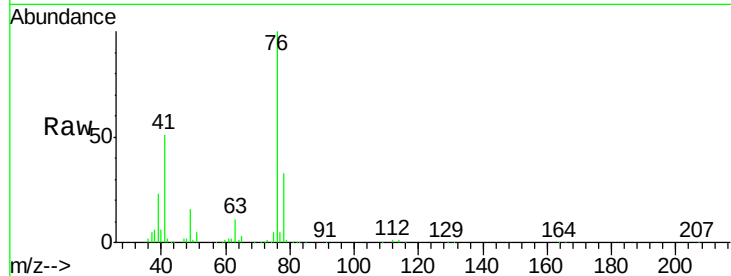




#57
 1,3-Dichloropropane
 Concen: 47.286 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

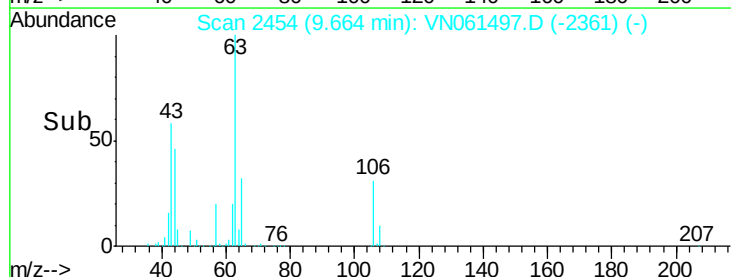
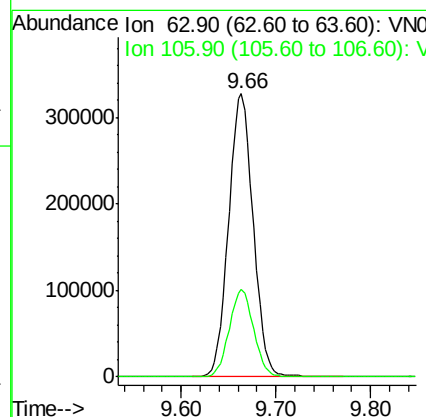
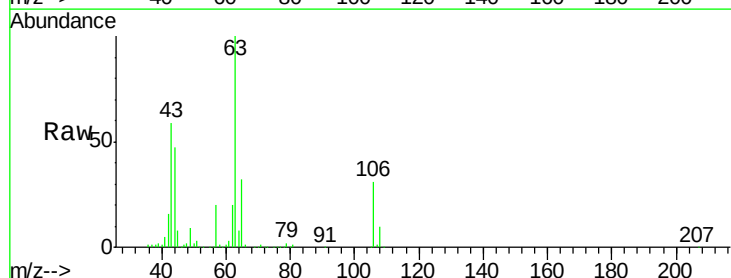
Instrument :
 MSVOA_N
 ClientSampled :

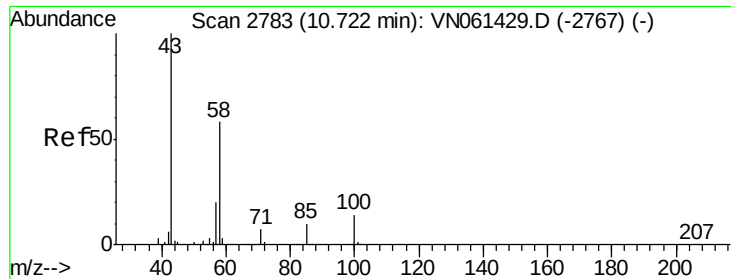
Tot Ion: 76 Resp: 315469
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0



#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

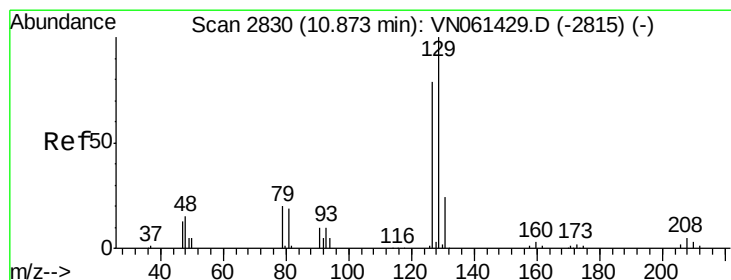
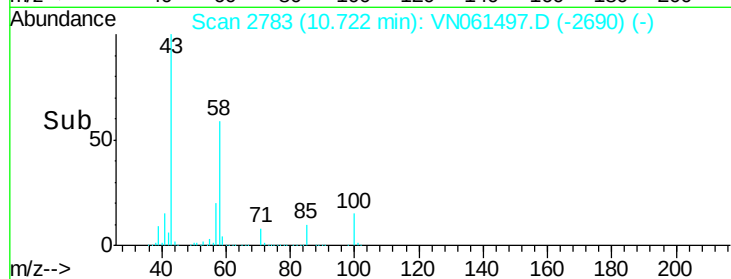
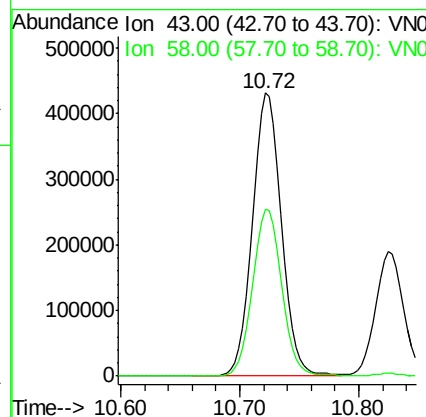
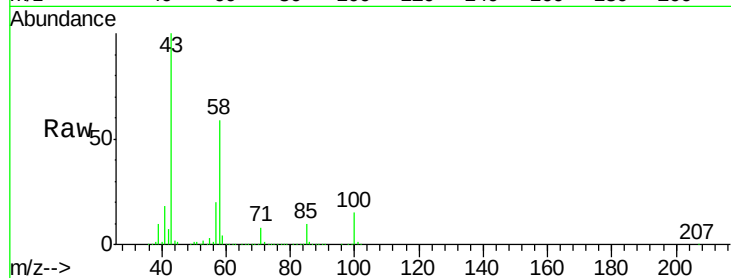




#59
2-Hexanone
Concen: 220.805 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

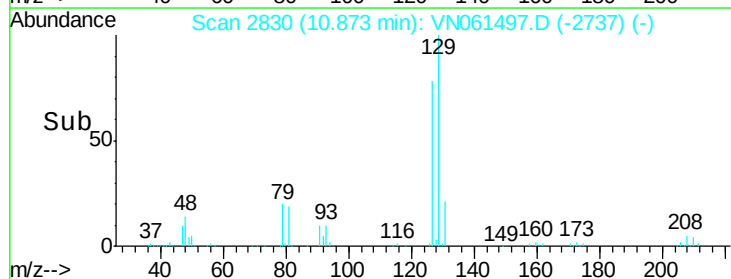
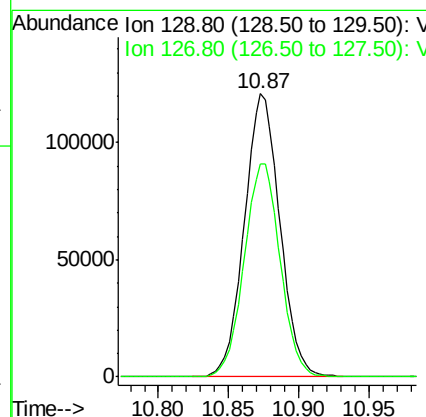
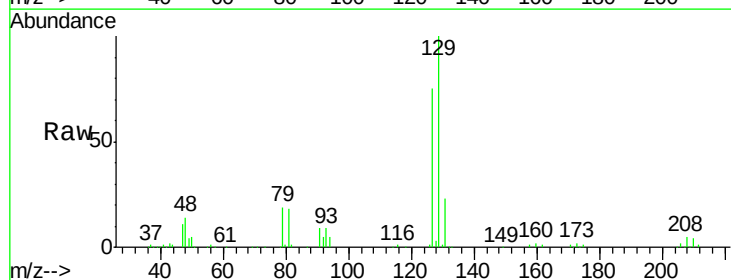
Instrument :
MSVOA_N
ClientSampled :

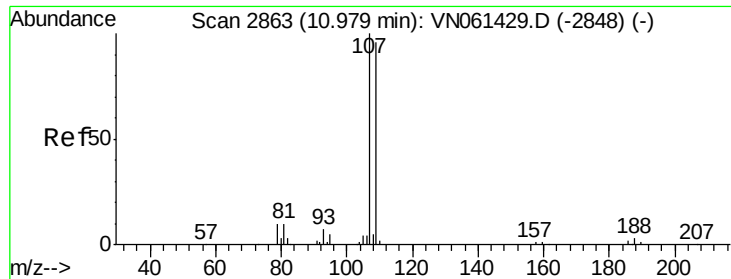
Tot Ion: 43 Resp: 726448
Ion Ratio Lower Upper
43 100
58 59.5 29.2 87.6



#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

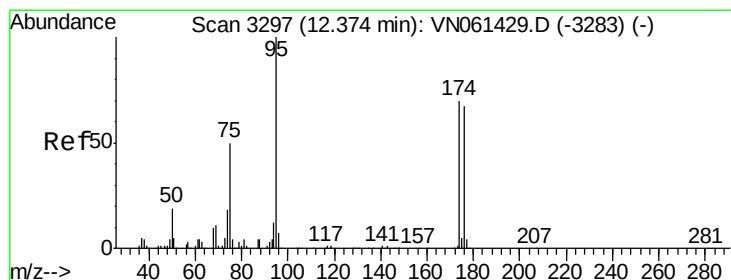
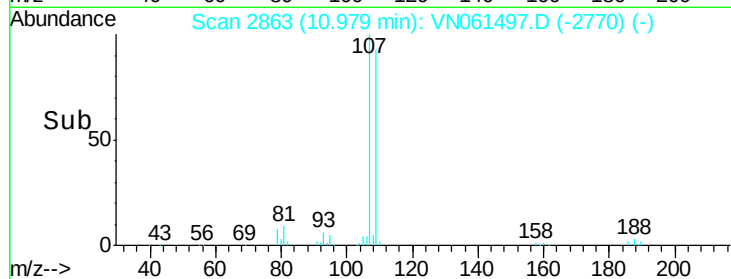
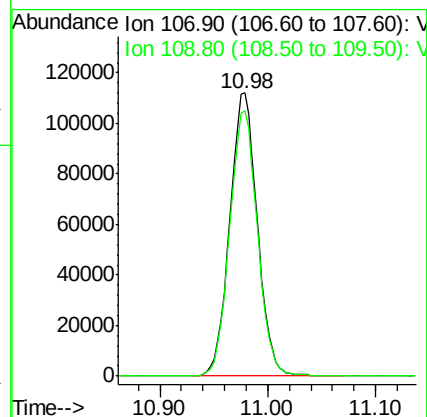
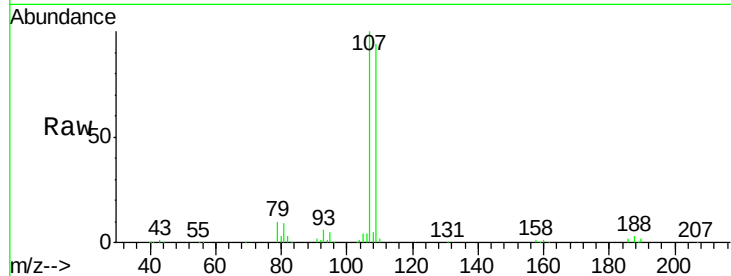




#61
 1,2-Dibromoethane
 Concen: 49.262 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

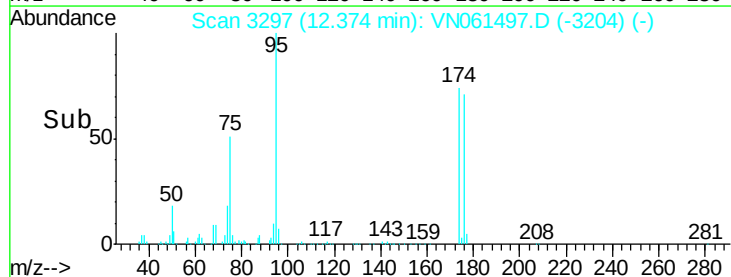
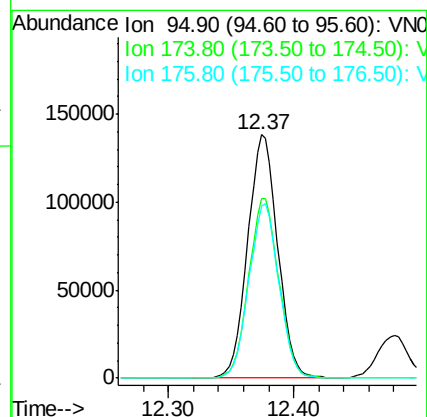
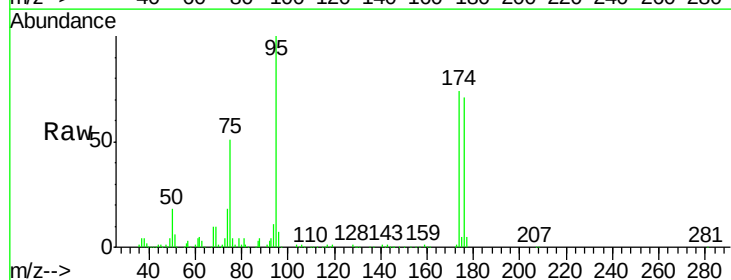
Instrument :
 MSVOA_N
 ClientSampled :

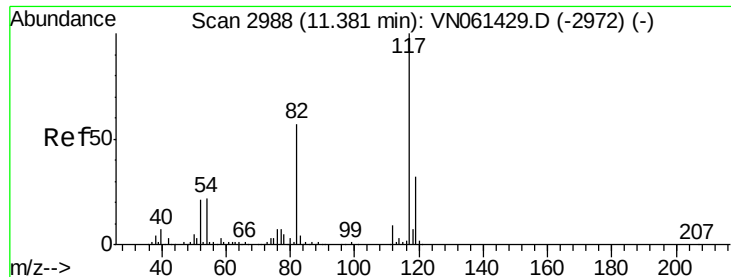
Tot Ion:107 Resp: 199949
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5



#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

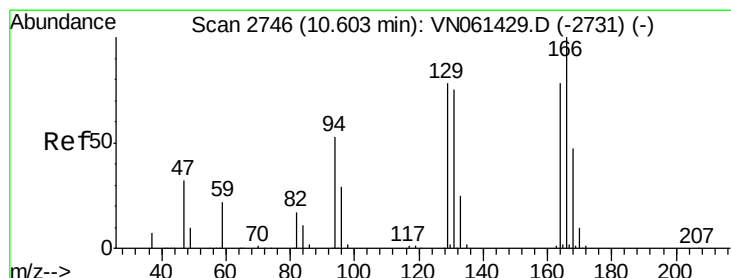
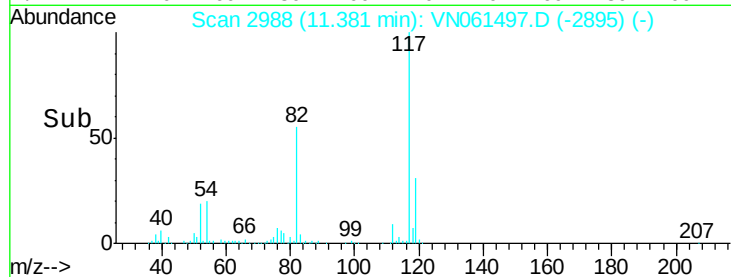
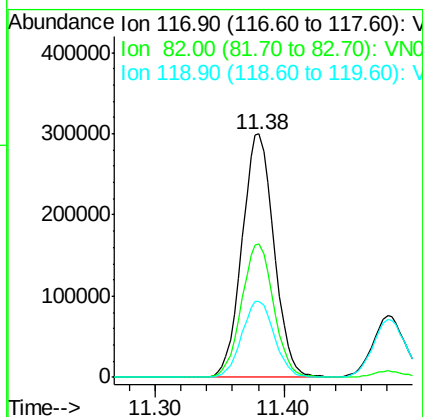
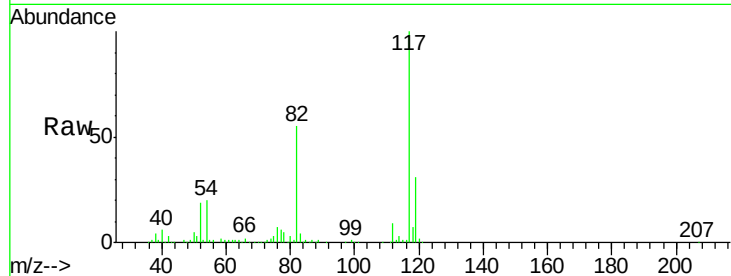




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

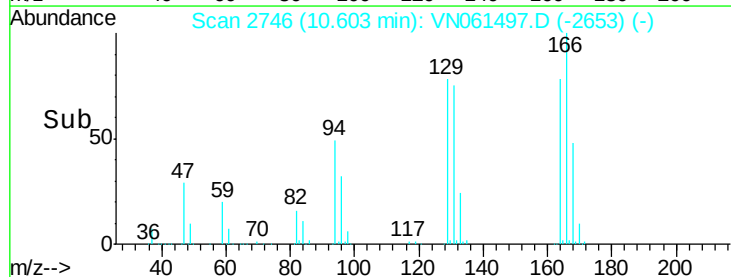
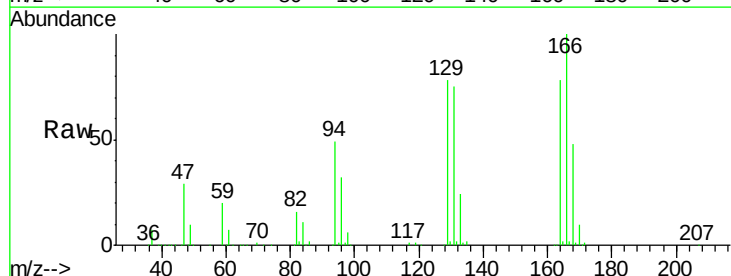
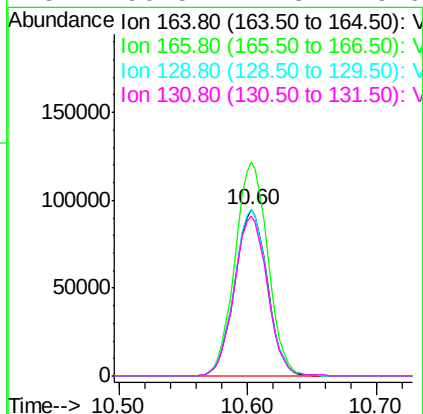
Instrument :
MSVOA_N
ClientSampled :

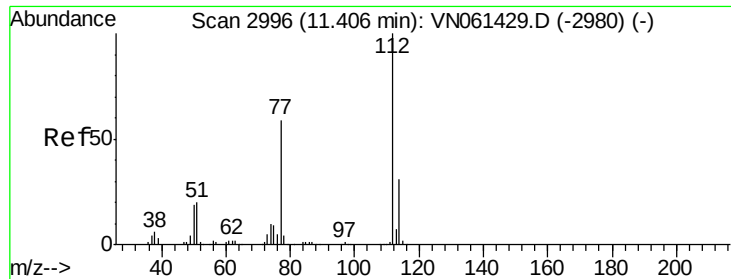
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.2	67.8
119	31.4	25.3	37.9



#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	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

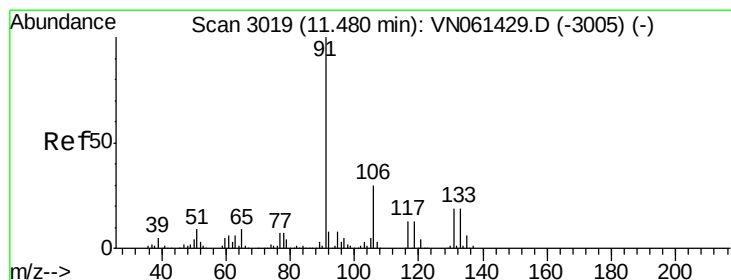
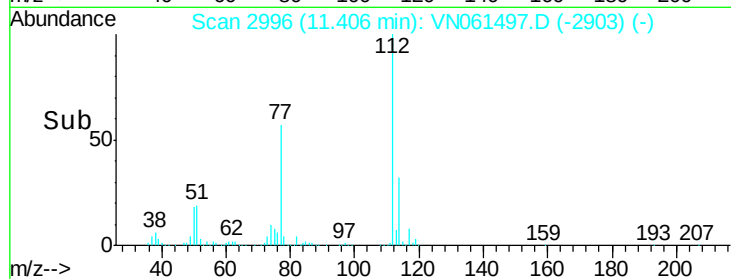
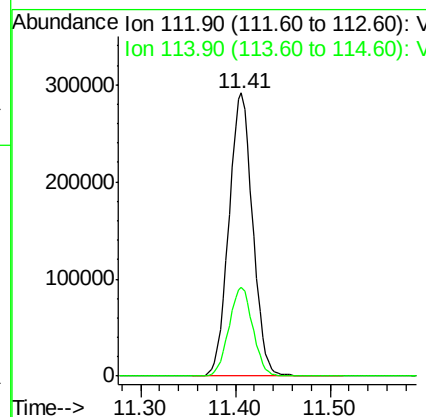
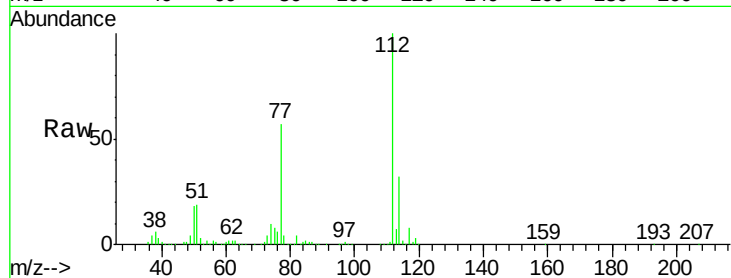




#65
Chlorobenzene
Concen: 48.252 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

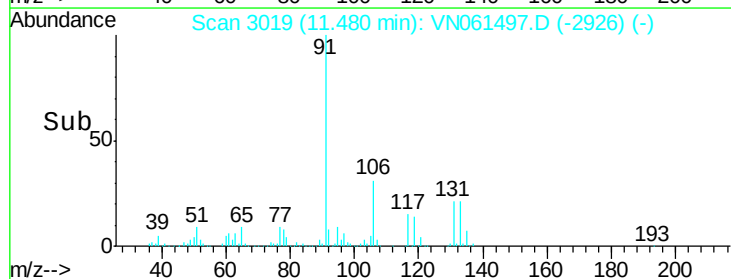
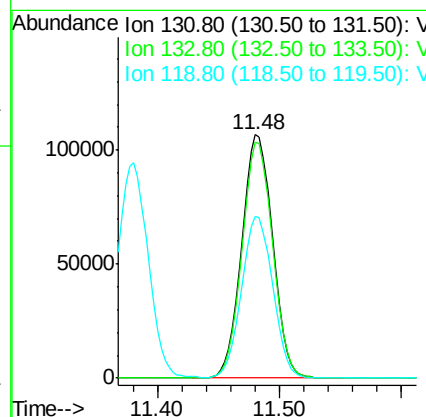
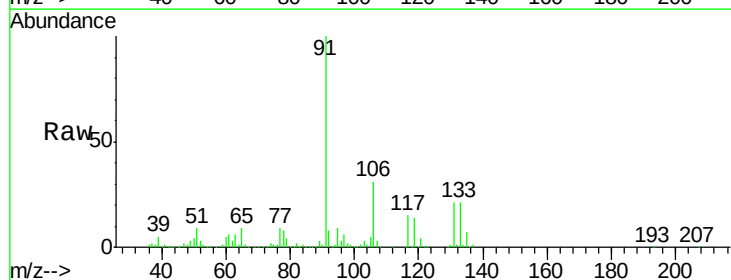
Instrument :
MSVOA_N
ClientSampleId :

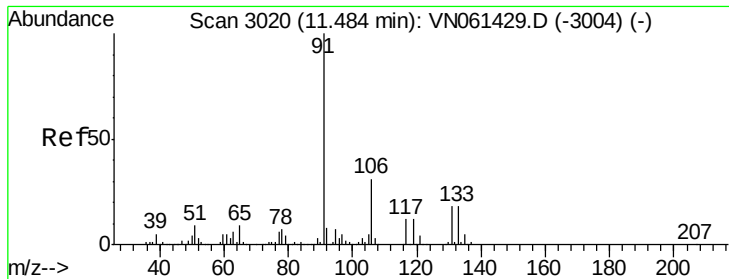
Tot Ion:112 Resp: 508567
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6



#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

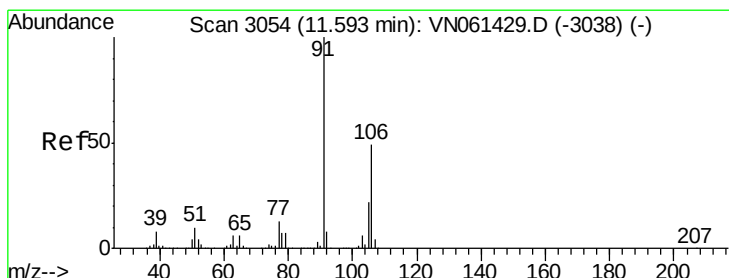
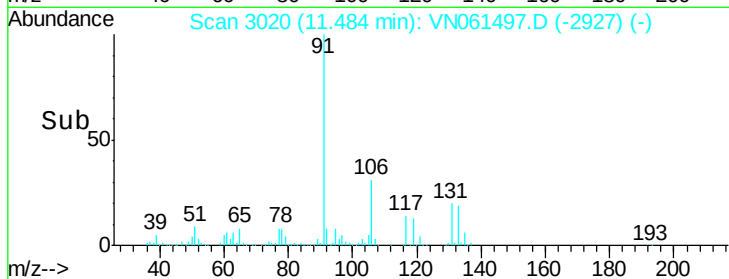
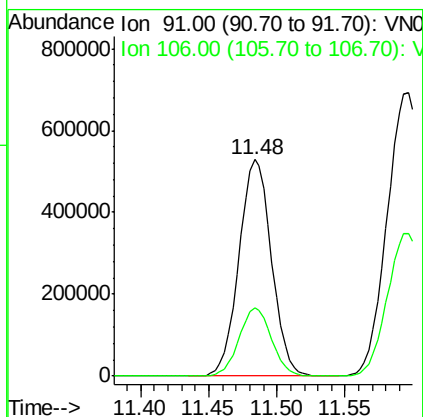
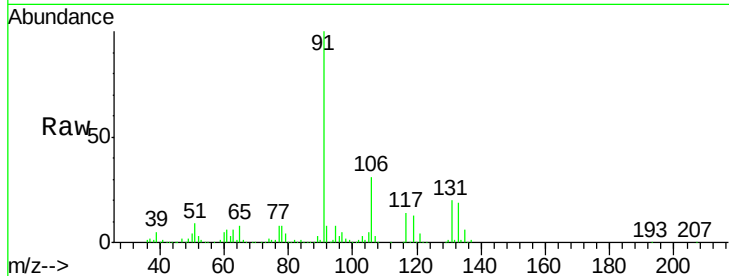




#67
Ethyl Benzene
Concen: 45.494 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

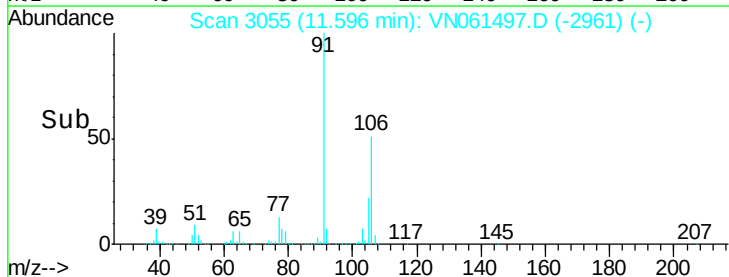
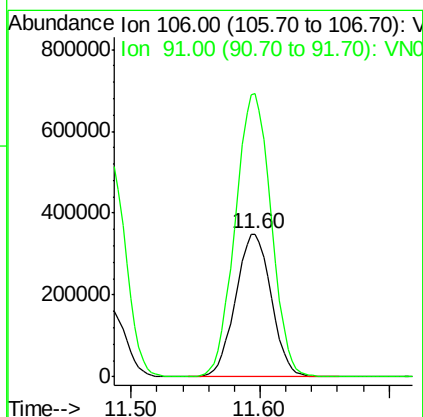
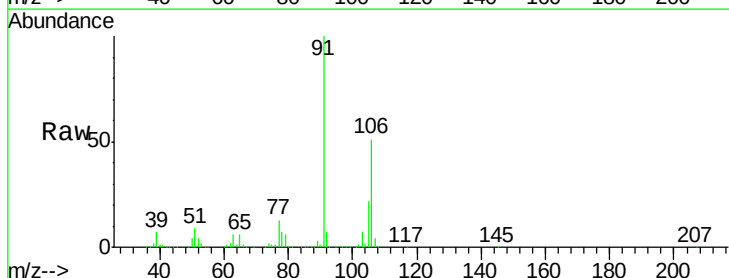
Instrument :
MSVOA_N
ClientSampled :

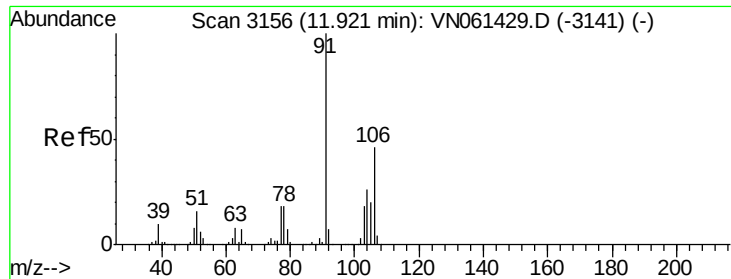
Tot Ion: 91 Resp: 875270
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#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

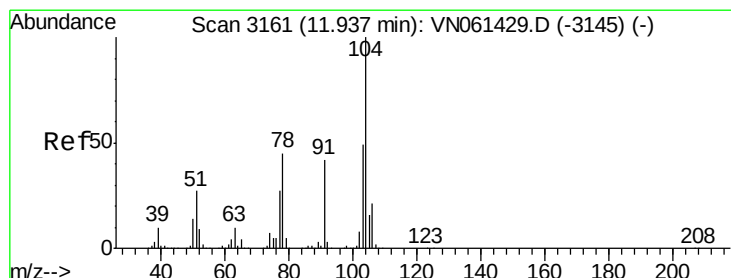
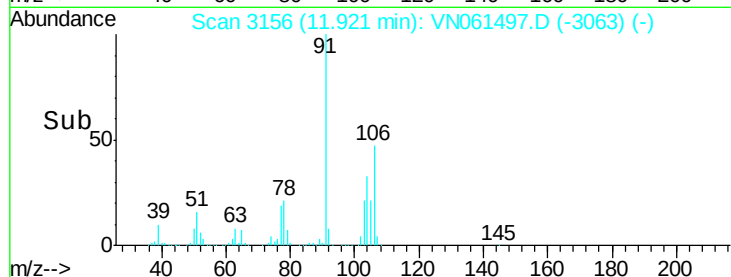
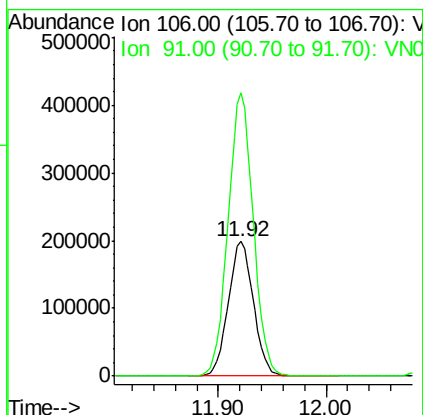
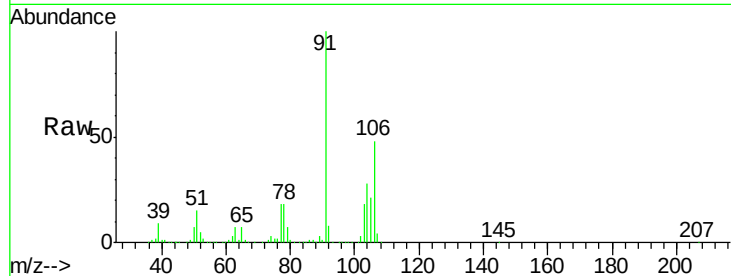




#69
o-Xylene
Concen: 45.807 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

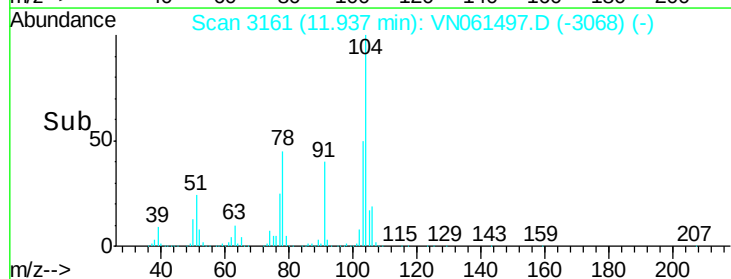
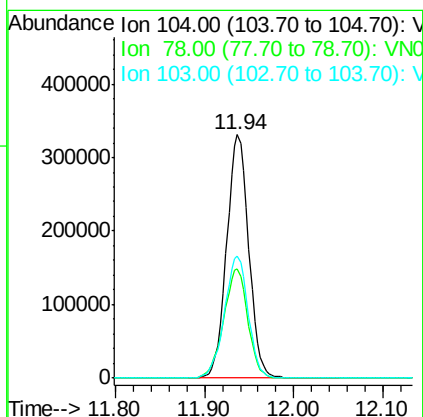
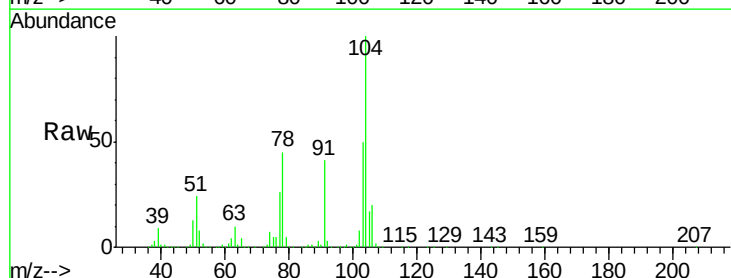
Instrument :
MSVOA_N
ClientSampled :

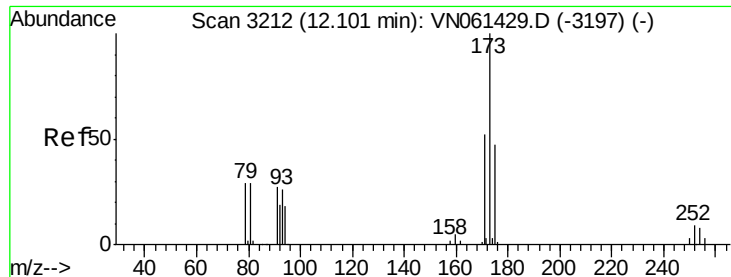
Tot Ion:106 Resp: 323721
Ion Ratio Lower Upper
106 100
91 209.8 107.9 323.7



#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 :

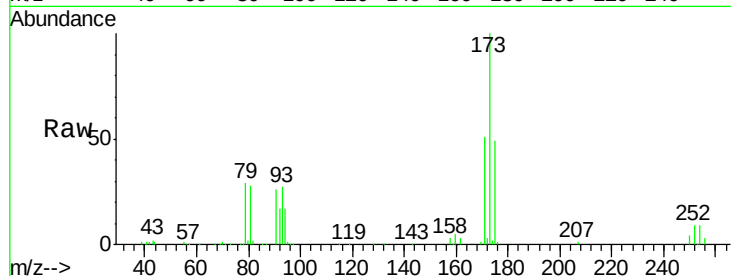
Tot Ion:173 Resp: 135704

Ion Ratio Lower Upper

173 100

175 49.2 23.9 71.8

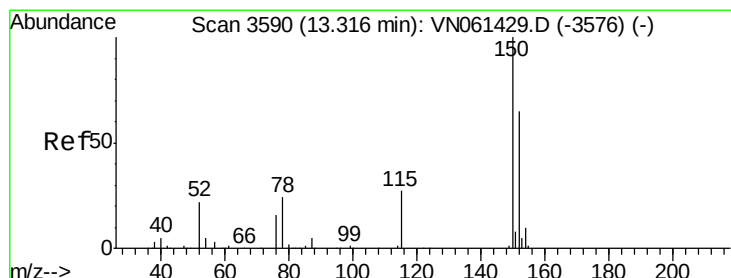
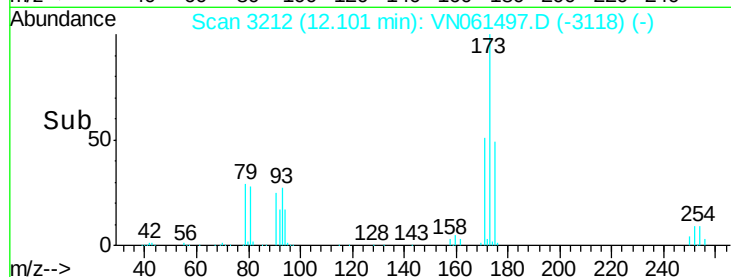
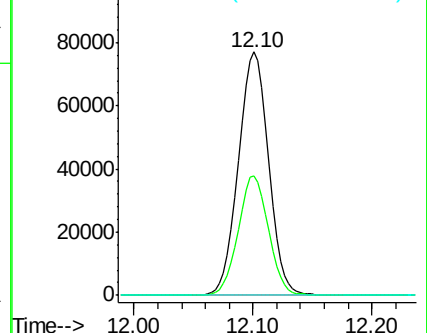
254 0.0 0.0 0.0#



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

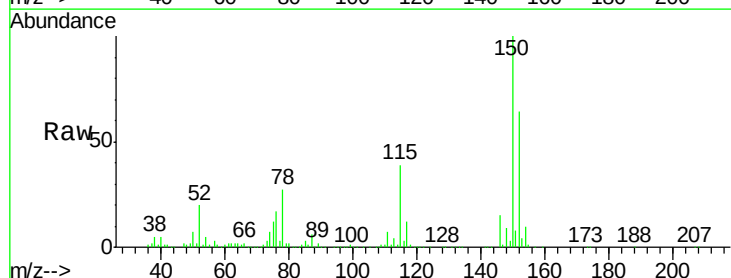
Tgt Ion:152 Resp: 225813

Ion Ratio Lower Upper

152 100

115 61.2 30.9 92.5

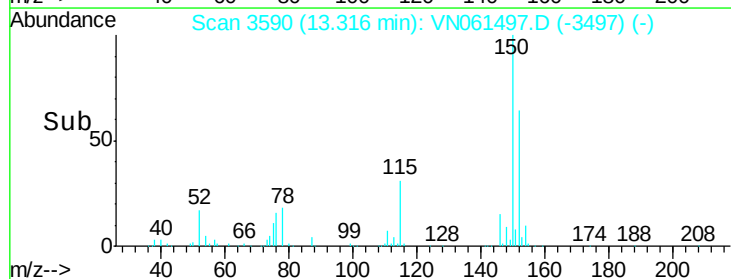
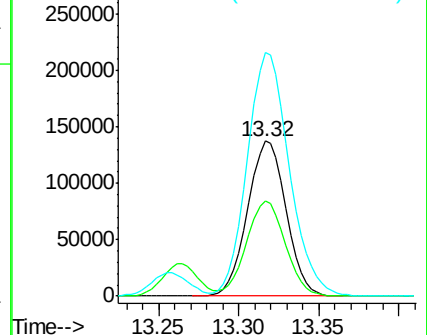
150 171.5 0.0 349.2

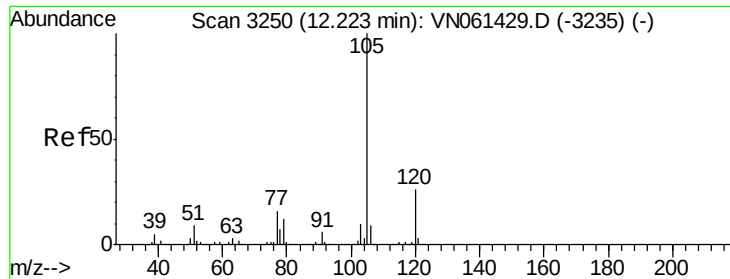


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

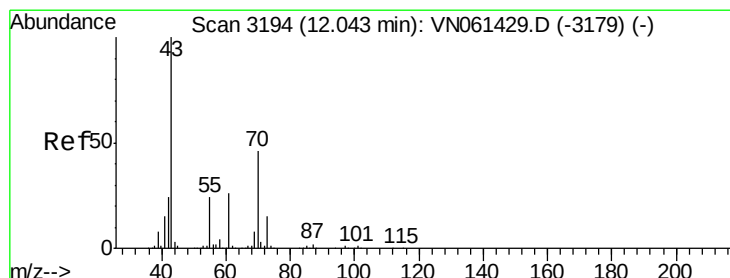
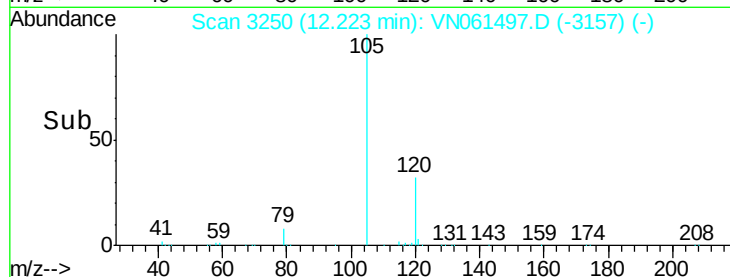
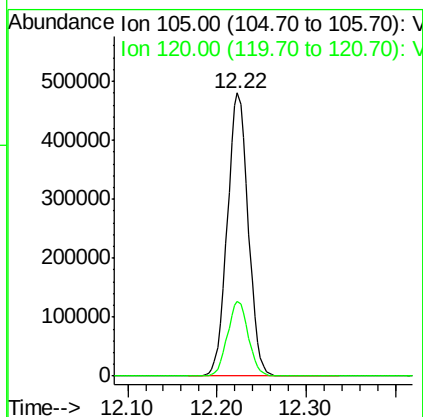
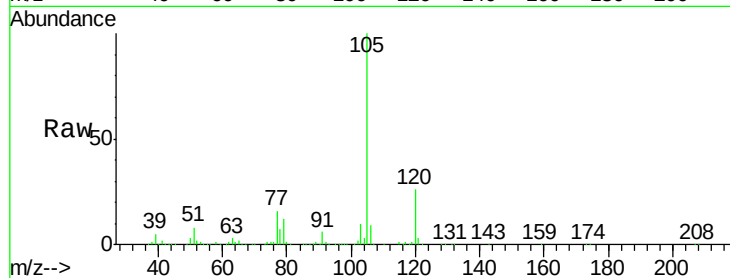




#73
Isopropylbenzene
Concen: 42.888 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

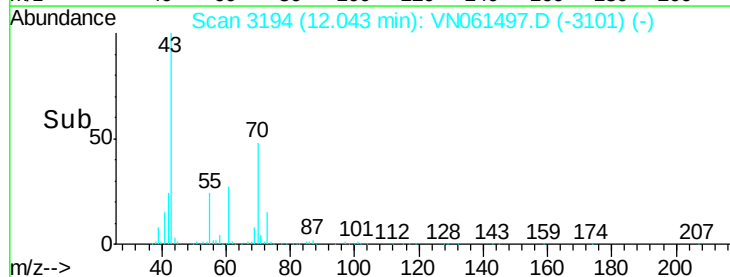
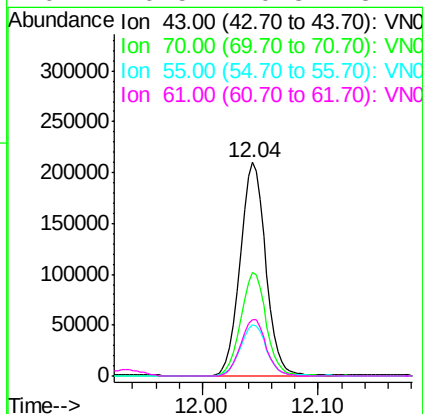
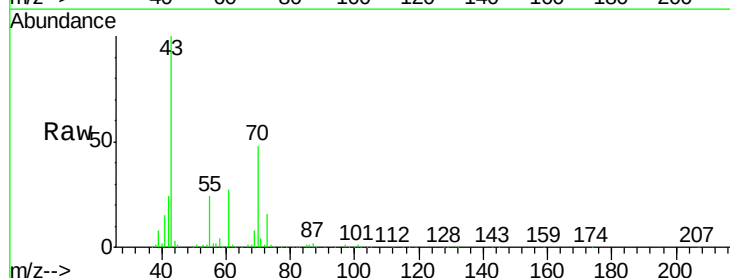
Instrument :
MSVOA_N
ClientSampleId :

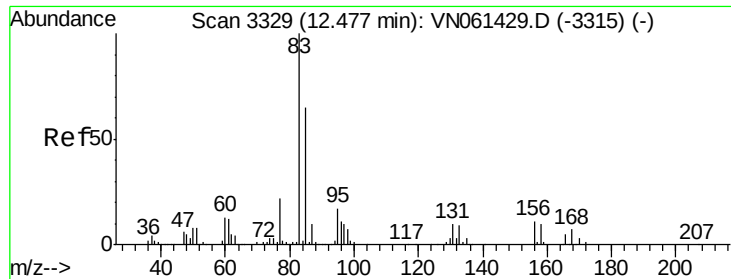
Tot Ion:105 Resp: 777485
Ion Ratio Lower Upper
105 100
120 26.5 13.0 39.0



#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





#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 :

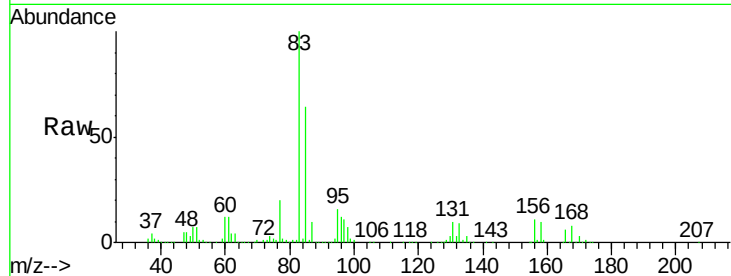
Tot Ion: 83 Resp: 250241

Ion Ratio Lower Upper

83 100

131 10.6 4.8 14.4

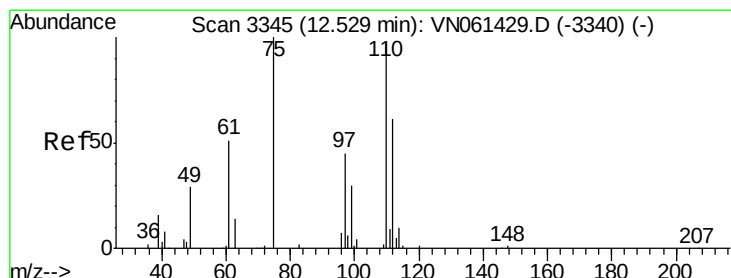
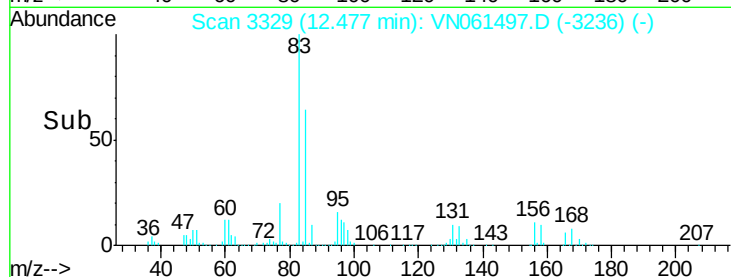
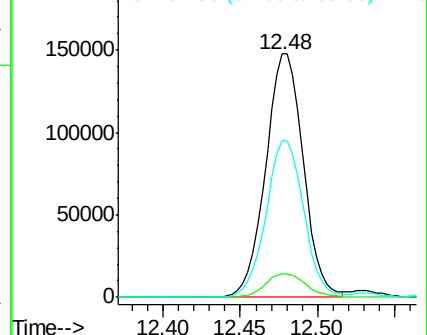
85 64.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN061497.D (-3236) (-)

Ion 130.80 (130.50 to 131.50): VN061497.D (-3236) (-)

Ion 84.90 (84.60 to 85.60): VN061497.D (-3236) (-)



#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

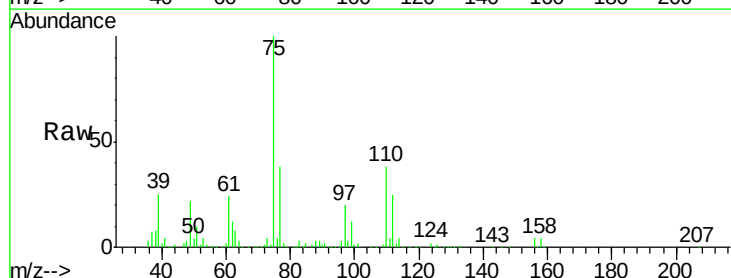
Acq: 19 May 2020 20:37

Tgt Ion: 75 Resp: 326767

Ion Ratio Lower Upper

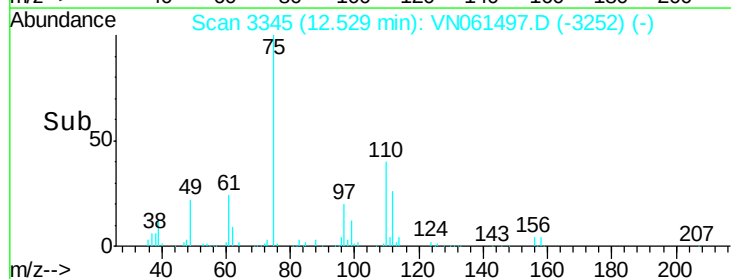
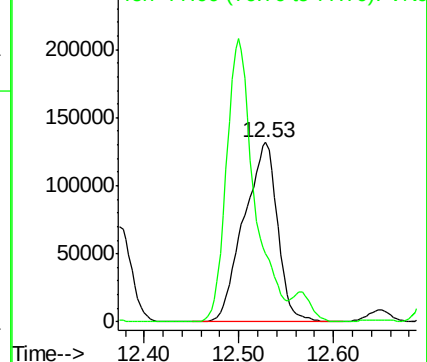
75 100

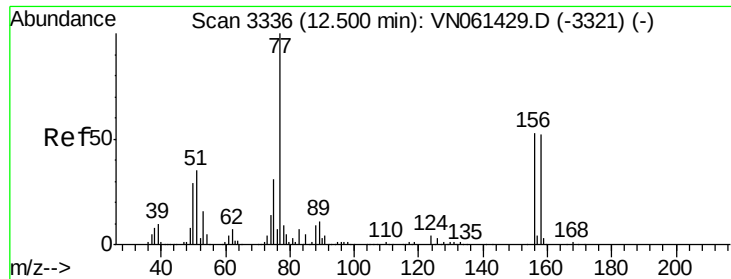
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061497.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061497.D (-3252) (-)





#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

ClientSampled :

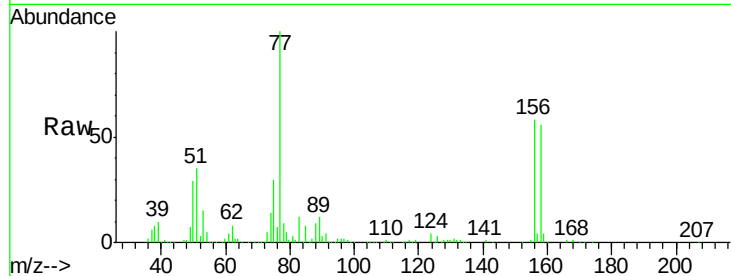
Tot Ion:156 Resp: 204227

Ion Ratio Lower Upper

156 100

77 208.5 112.3 336.9

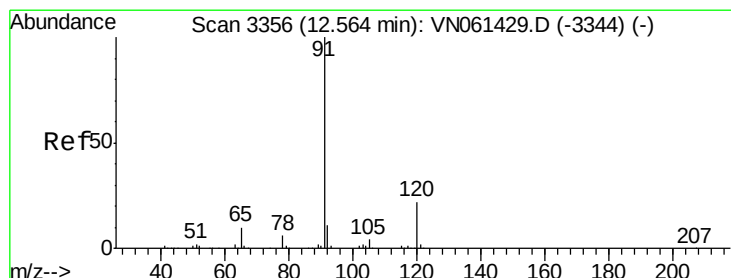
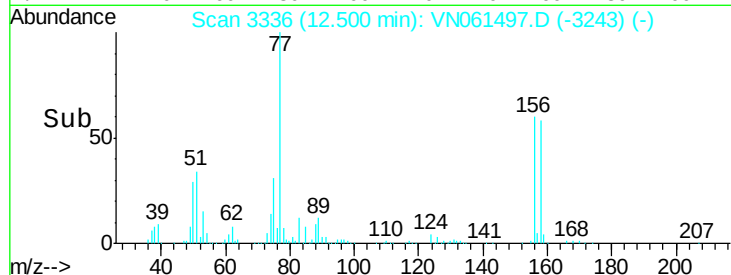
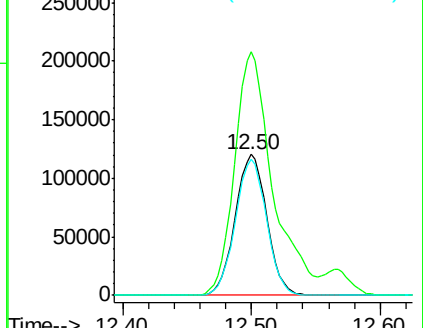
158 95.9 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 41.887 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061497.D

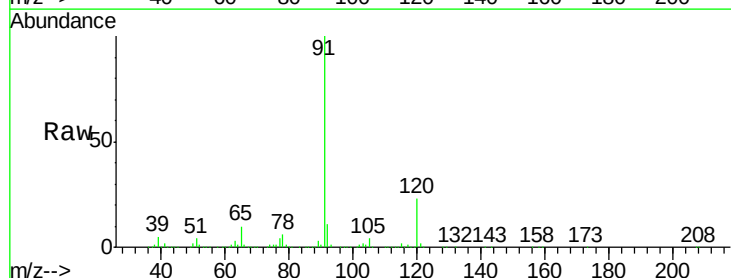
Acq: 19 May 2020 20:37

Tgt Ion: 91 Resp: 865187

Ion Ratio Lower Upper

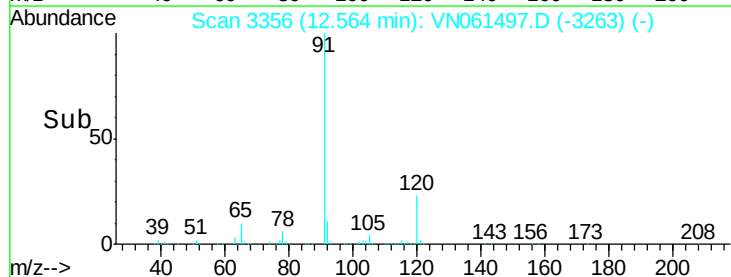
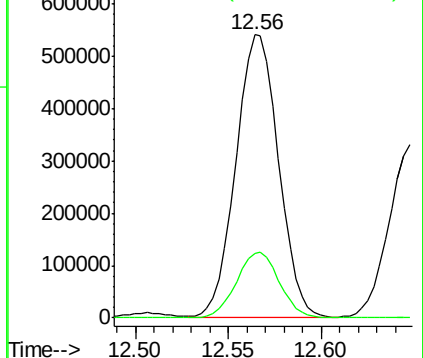
91 100

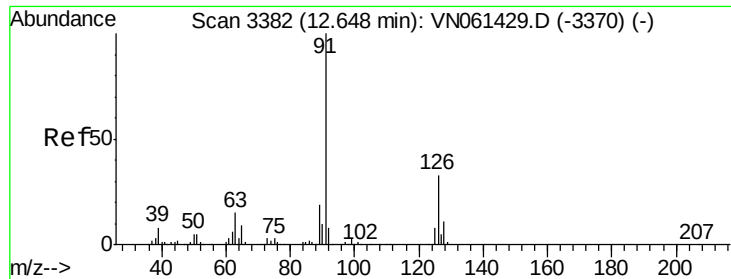
120 23.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

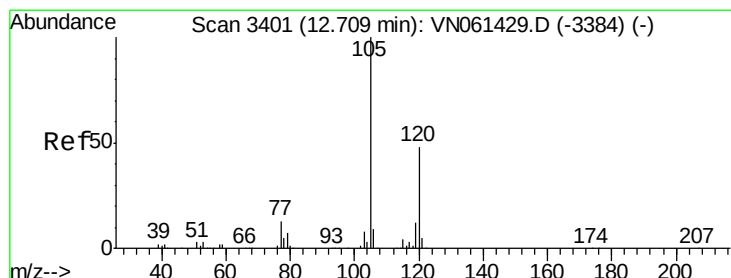
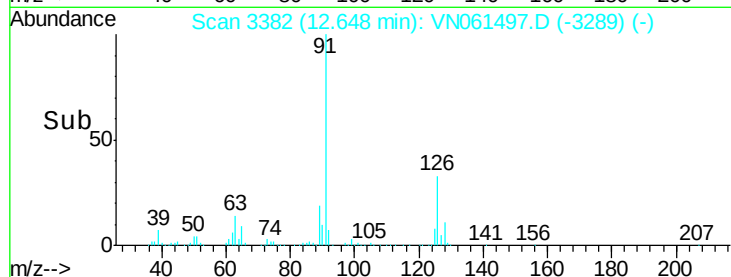
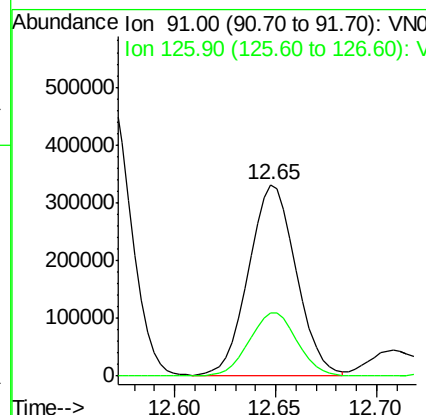
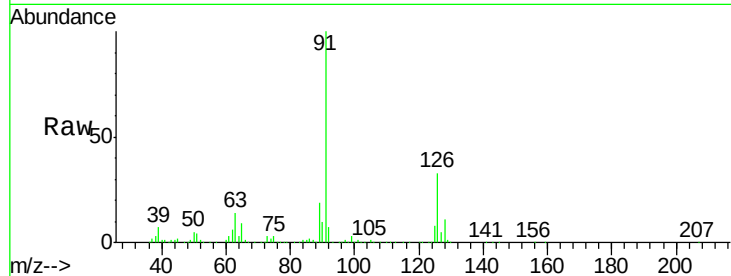




#79
 2-Chlorotoluene
 Concen: 44.821 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

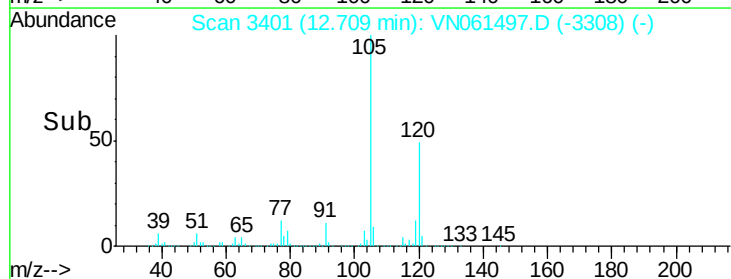
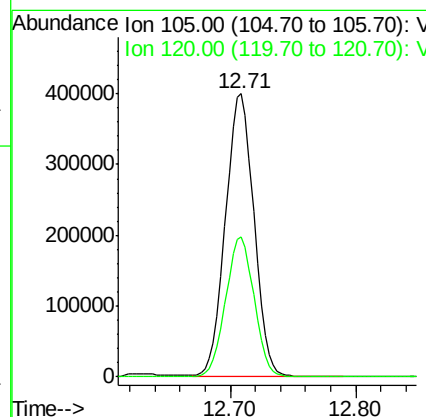
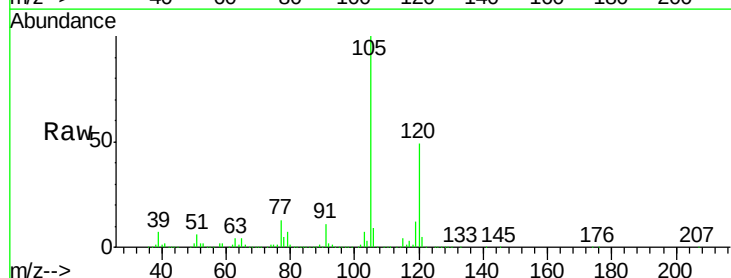
Instrument :
 MSVOA_N
 ClientSampled :

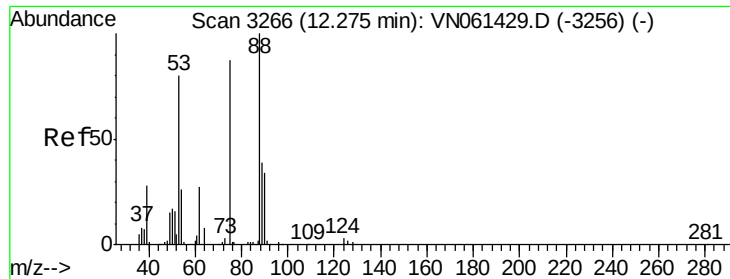
Tot Ion: 91 Resp: 547209
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.3 48.9



#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 :

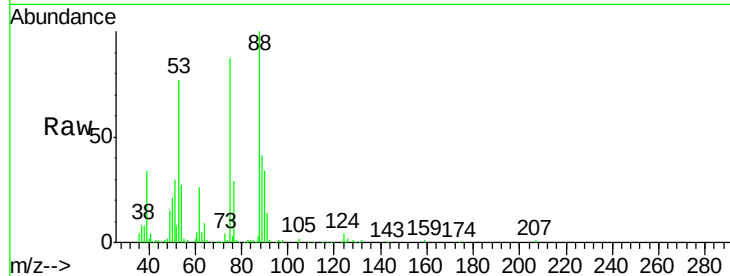
Tot Ion: 75 Resp: 83115

Ion Ratio Lower Upper

75 100

53 91.5 75.2 112.8

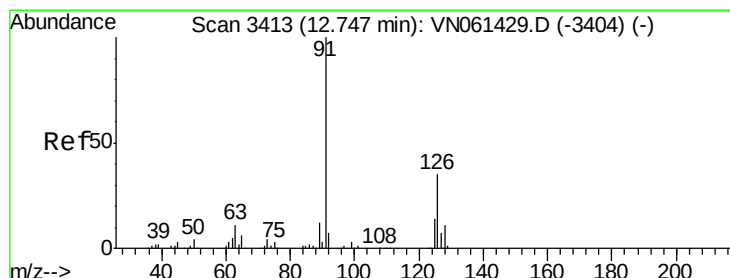
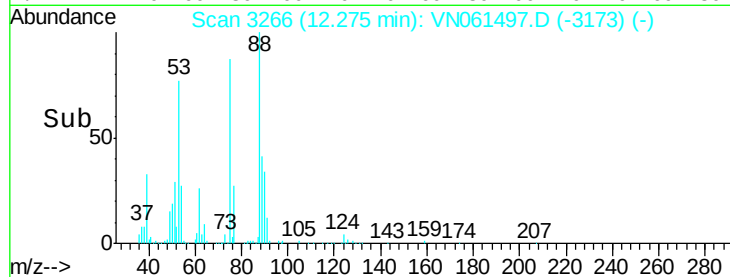
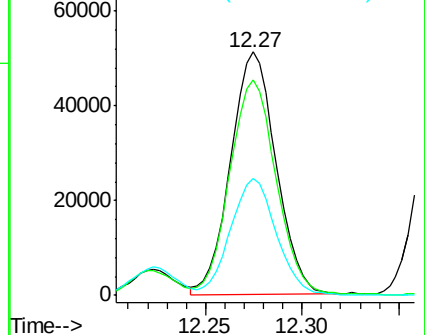
89 48.9 38.2 57.4



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

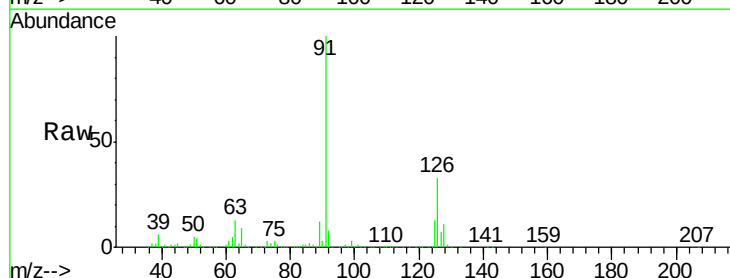
Acq: 19 May 2020 20:37

Tgt Ion: 91 Resp: 579568

Ion Ratio Lower Upper

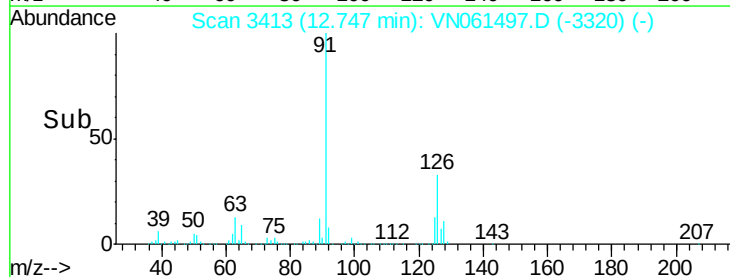
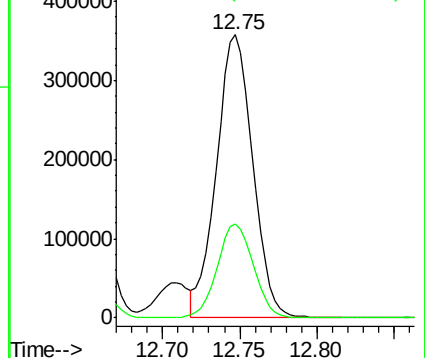
91 100

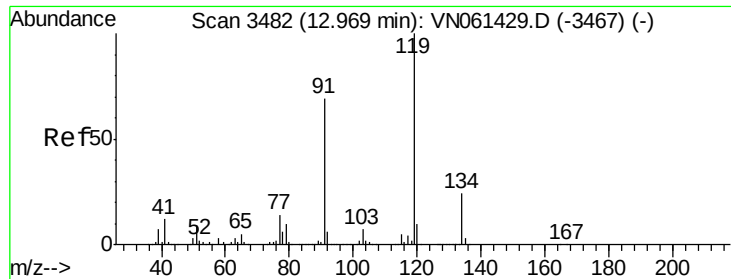
126 33.4 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

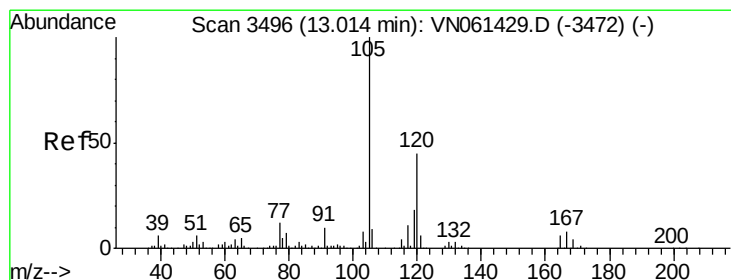
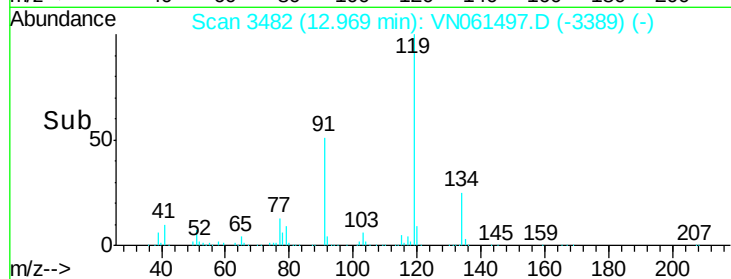
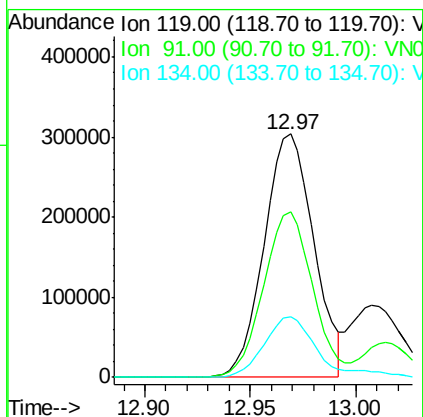
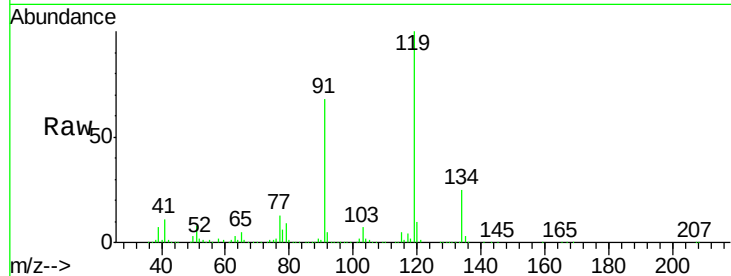




#83
 tert-Butylbenzene
 Concen: 39.187 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

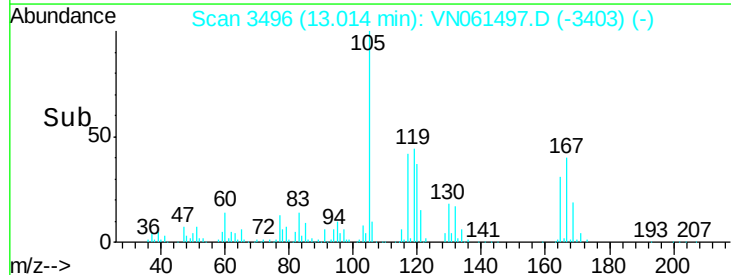
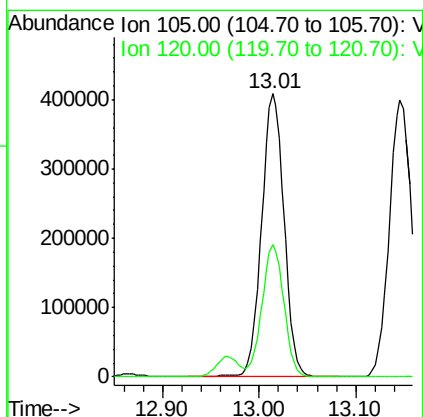
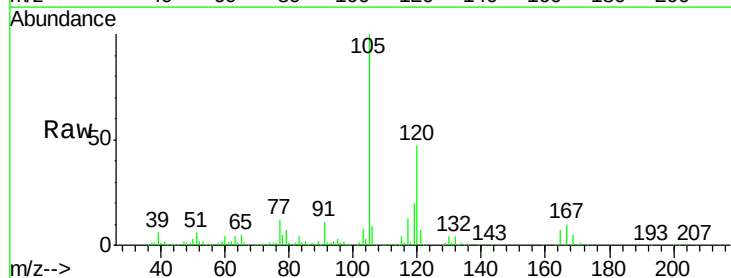
Instrument :
 MSVOA_N
 ClientSampled :

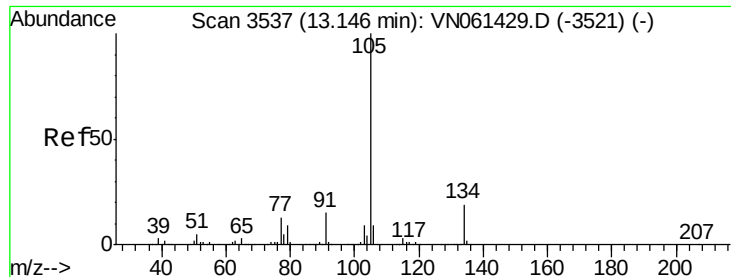
Tot Ion:119 Resp: 498236
 Ion Ratio Lower Upper
 119 100
 91 66.7 33.7 101.0
 134 26.7 12.8 38.3



#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

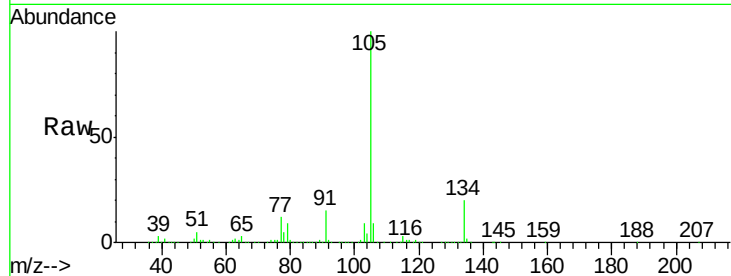
ClientSampled :

Tot Ion:105 Resp: 643524

Ion Ratio Lower Upper

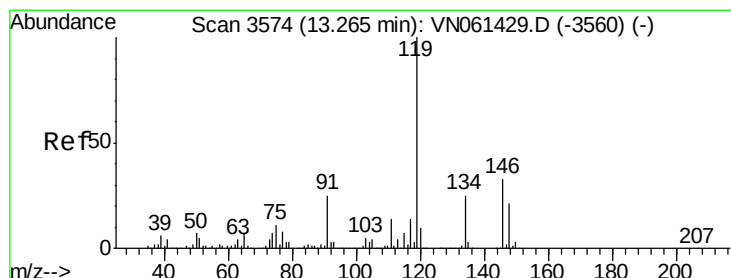
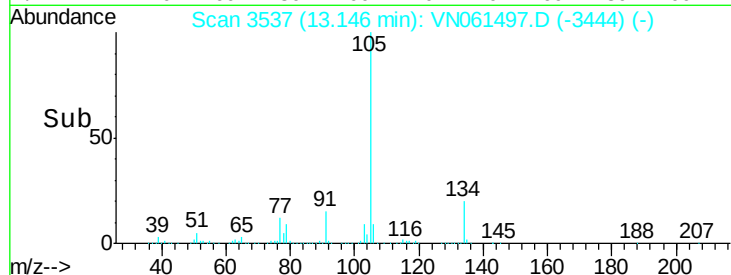
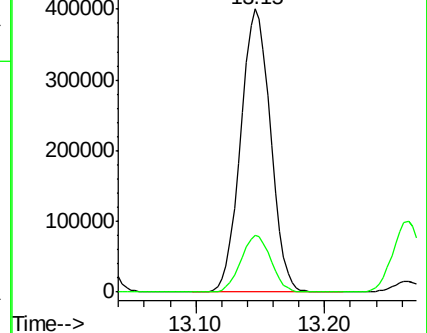
105 100

134 20.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#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

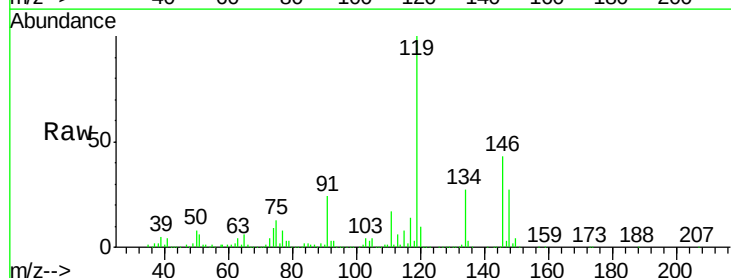
Tgt Ion:119 Resp: 588517

Ion Ratio Lower Upper

119 100

134 26.1 12.7 38.1

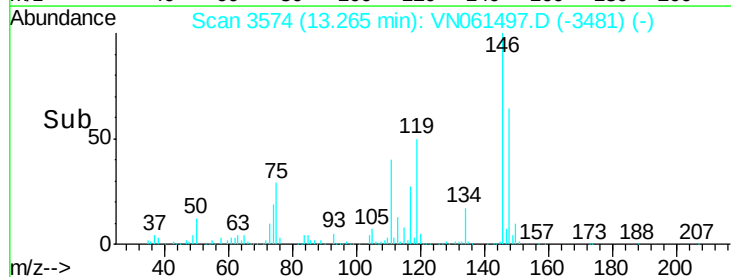
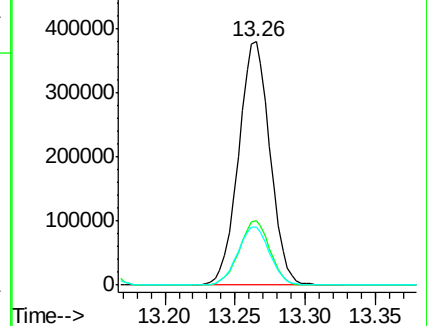
91 24.3 12.6 37.6

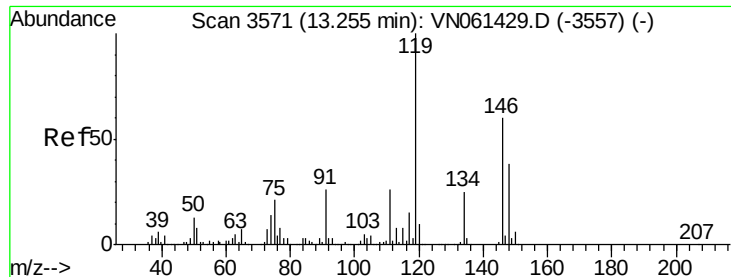


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

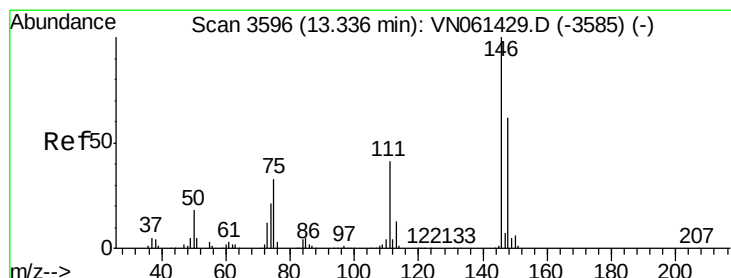
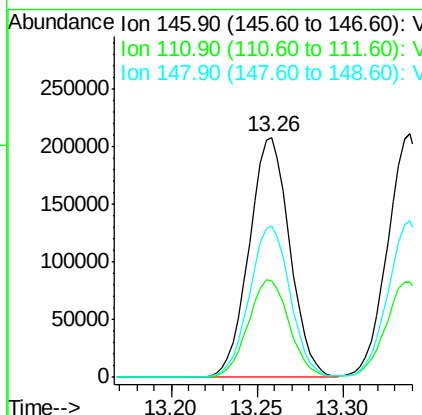
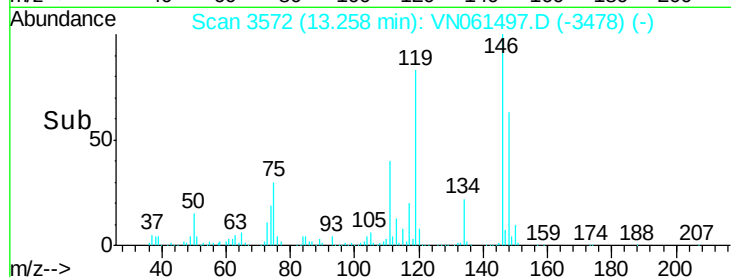
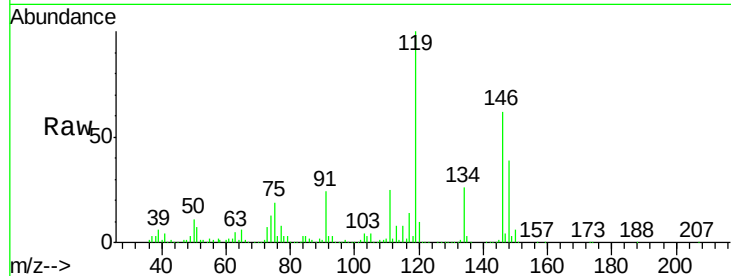




#87
 1,3-Dichlorobenzene
 Concen: 47.267 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

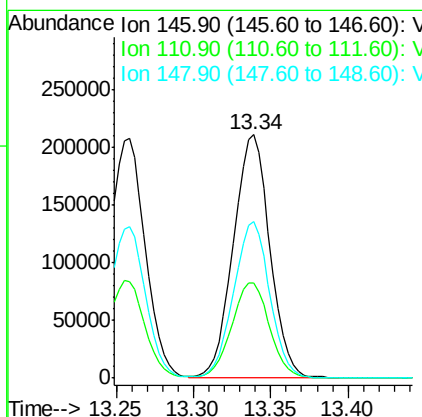
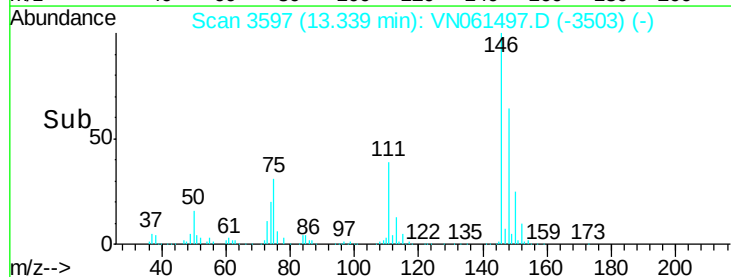
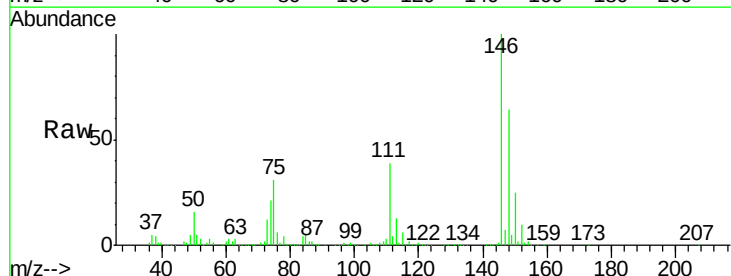
Instrument :
 MSVOA_N
 ClientSampled :

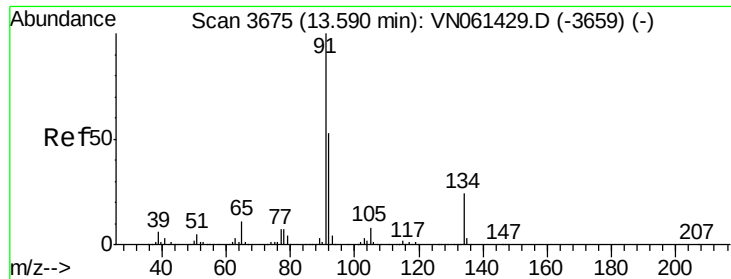
Tot Ion:146 Resp: 340326
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.5 64.5
 148 63.1 31.8 95.3



#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 :

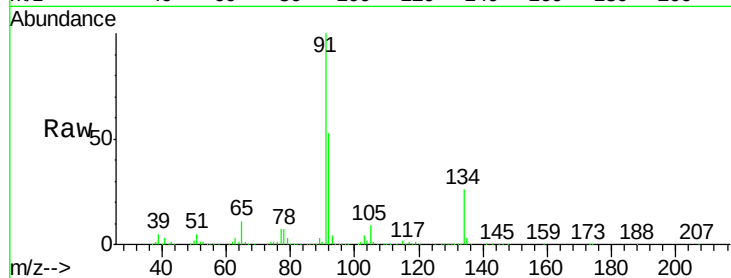
Tot Ion: 91 Resp: 493779

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.3

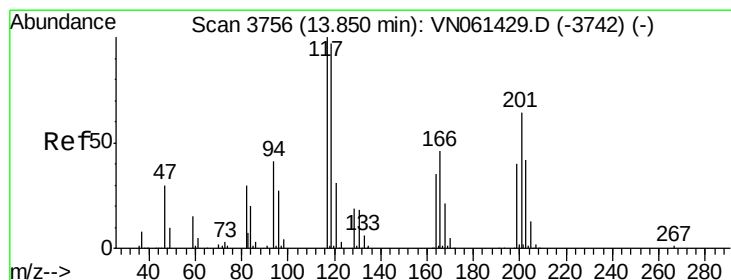
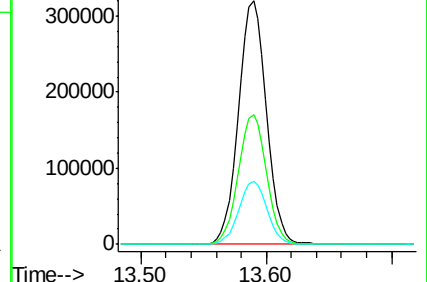
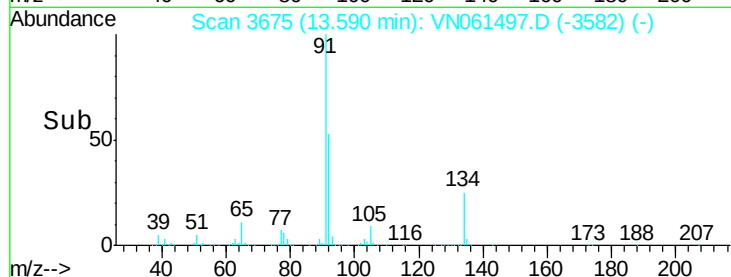
134 26.3 12.4 37.4



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) (-)



#90

Hexachloroethane

Concen: 41.418 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN061497.D

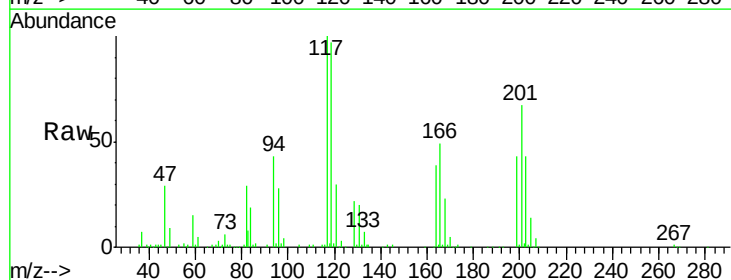
Acq: 19 May 2020 20:37

Tgt Ion: 117 Resp: 85696

Ion Ratio Lower Upper

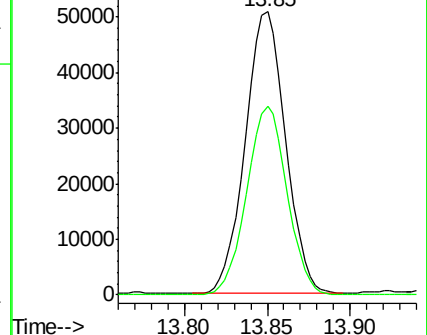
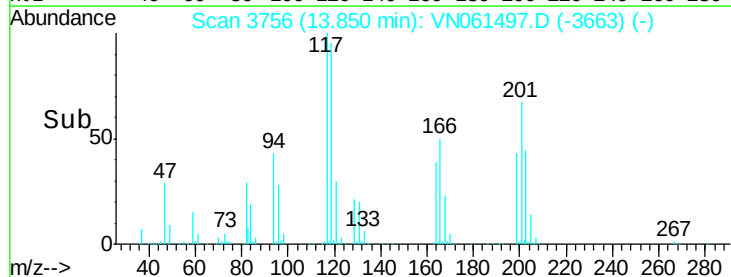
117 100

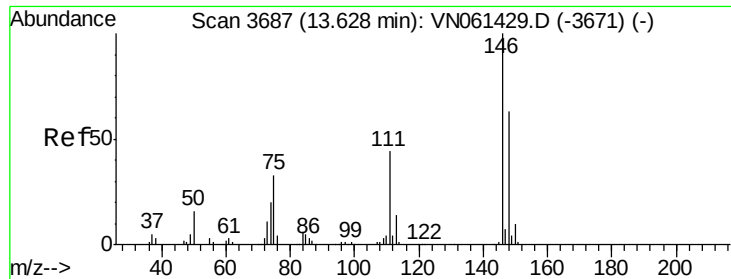
201 67.0 32.9 98.7



Abundance Ion 116.80 (116.50 to 117.50): VN061497.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061497.D (-3742) (-)

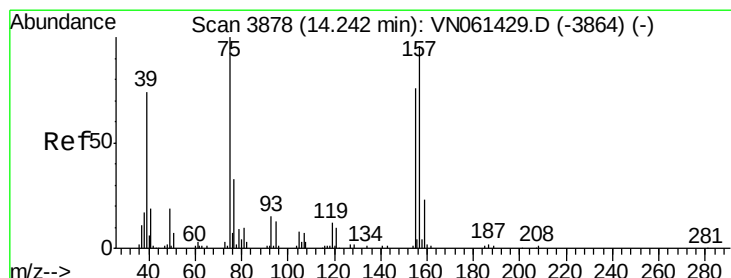
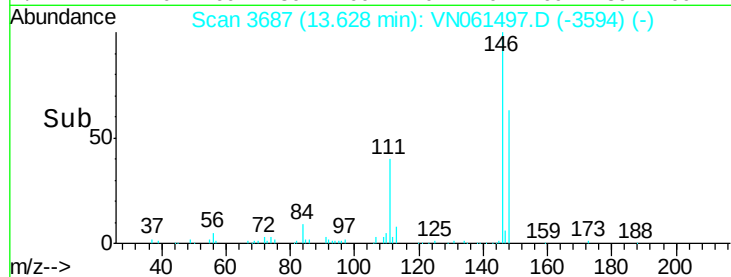
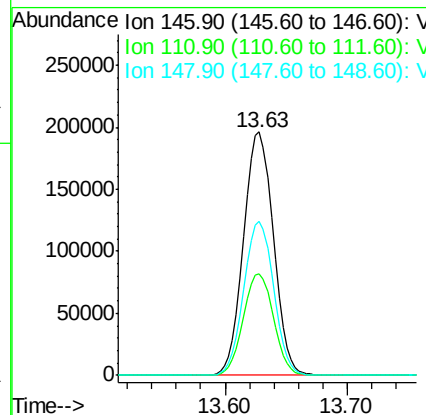
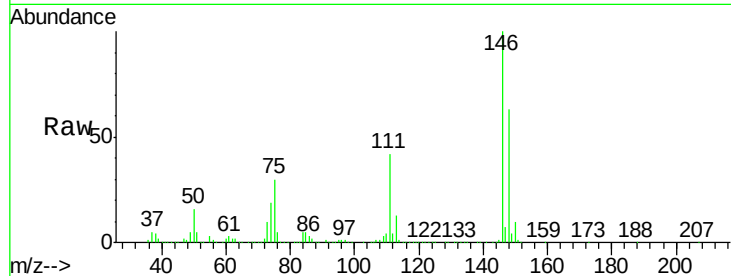




#91
 1,2-Dichlorobenzene
 Concen: 48.173 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

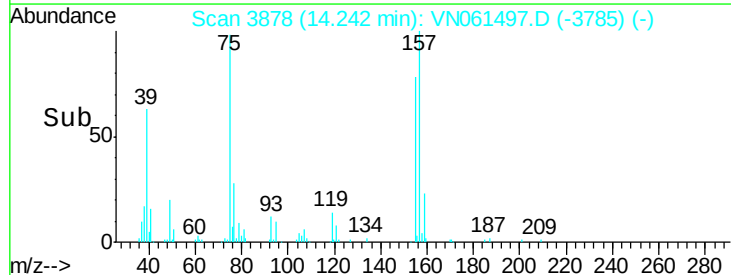
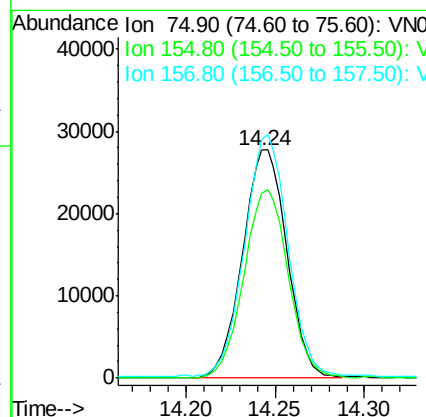
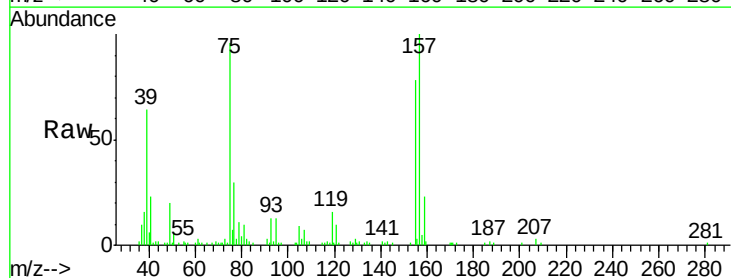
Instrument :
 MSVOA_N
 ClientSampled :

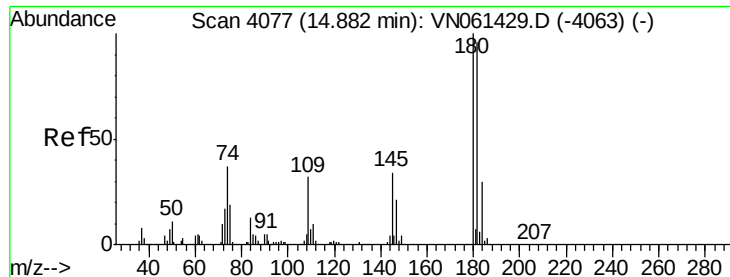
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.9	65.7
148	63.0	31.6	94.7



#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	Ratio	Lower	Upper
75	100		
155	82.8	38.9	116.7
157	104.4	48.6	145.8

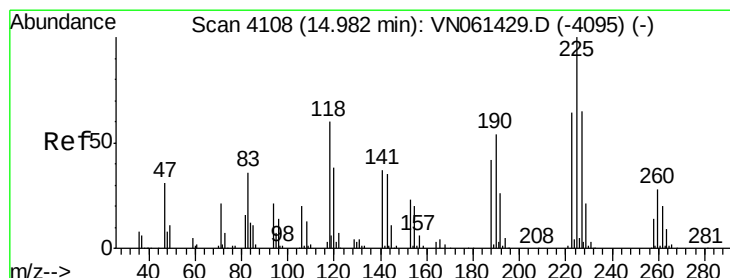
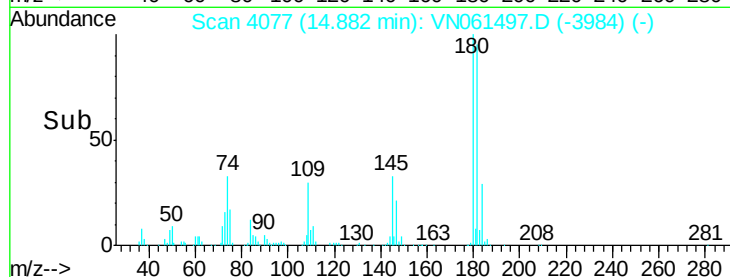
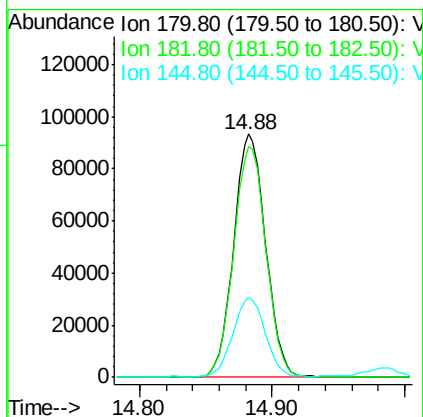
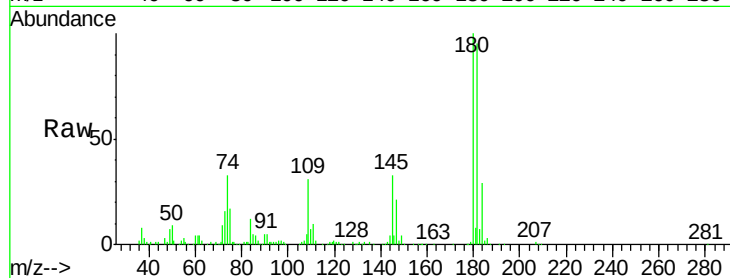




#93
 1,2,4-Trichlorobenzene
 Concen: 41.604 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

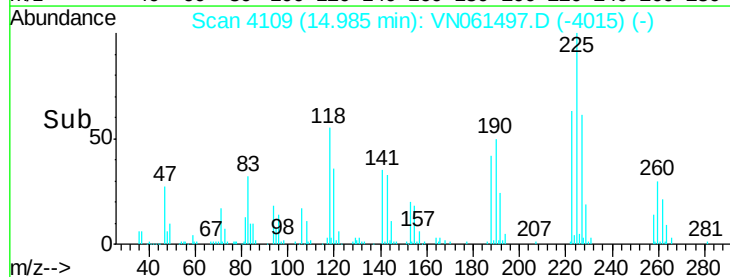
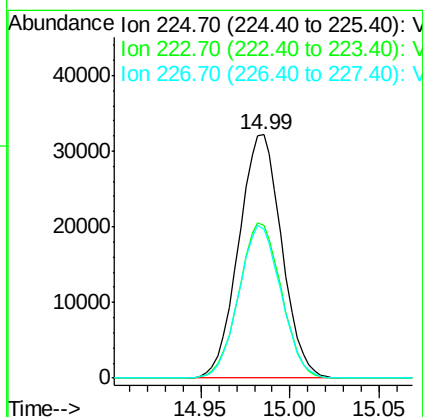
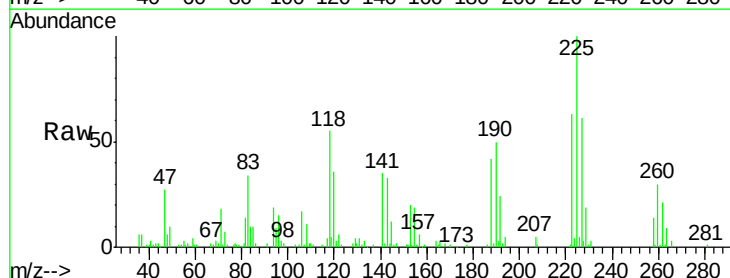
Instrument :
 MSVOA_N
 ClientSampleId :

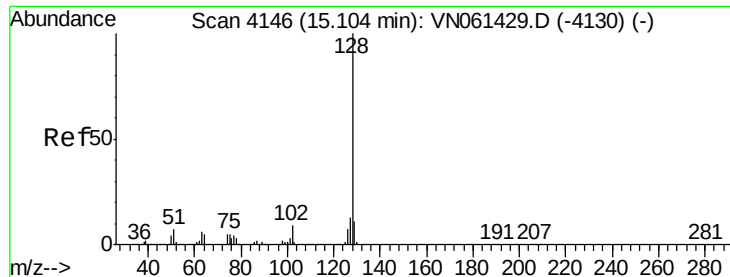
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.0	141.0
145	32.8	16.7	50.0



#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	Ratio	Lower	Upper
225	100		
223	63.2	31.9	95.7
227	61.9	31.5	94.5

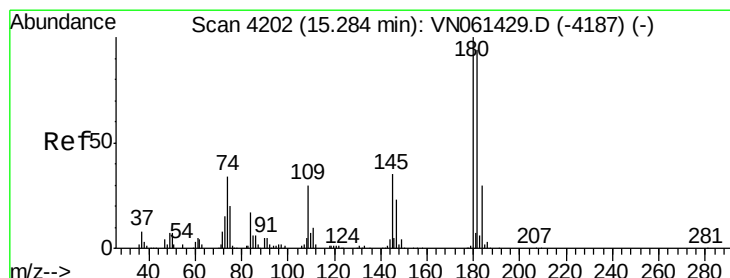
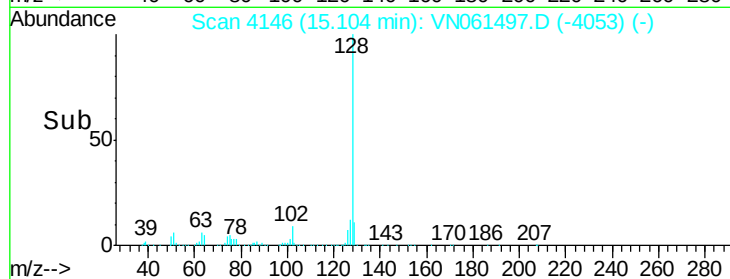
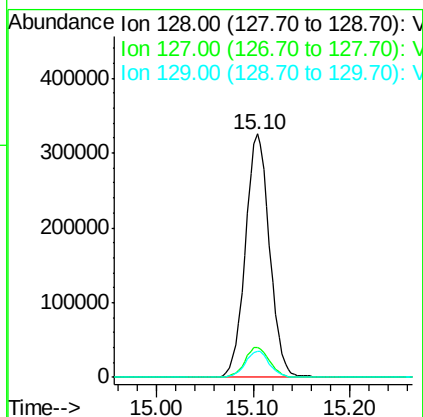
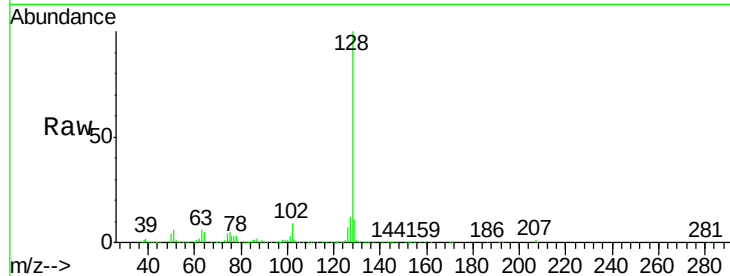




#95
Naphthalene
Concen: 47.094 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampled :

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



#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

