

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061067.D
 Acq On : 17 Apr 2020 21:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 20 01:37:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	152920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	264138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	241334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	99704	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
35) Dibromofluoromethane	7.56	113	77999	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	10.08	98	280603	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
62) 4-Bromofluorobenzene	12.39	95	111322	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	100730	49.838	ug/l	99
3) Chloromethane	2.04	50	137371	50.649	ug/l	99
4) Vinyl Chloride	2.17	62	116157	51.536	ug/l	100
5) Bromomethane	2.54	94	55736	49.312	ug/l	99
6) Chloroethane	2.68	64	68959	53.039	ug/l	98
7) Trichlorofluoromethane	3.00	101	146447	52.191	ug/l	99
8) Diethyl Ether	3.38	74	58890	52.805	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	81440	49.469	ug/l	100
10) Methyl Iodide	3.93	142	82818	57.023	ug/l	98
11) Tert butyl alcohol	4.72	59	96875	279.069	ug/l	100
12) 1,1-Dichloroethene	3.72	96	85629	51.170	ug/l	99
13) Acrolein	3.57	56	69871	238.384	ug/l	99
14) Allyl chloride	4.29	41	155362	49.068	ug/l	99
15) Acrylonitrile	4.94	53	269458	286.286	ug/l	99
16) Acetone	3.78	43	216910	251.881	ug/l	100
17) Carbon Disulfide	4.03	76	258269	49.322	ug/l	98
18) Methyl Acetate	4.28	43	159484	59.059	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	302428	51.830	ug/l	98
20) Methylene Chloride	4.52	84	97291	51.745	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	92191	51.508	ug/l	98
22) Diisopropyl ether	5.91	45	346846	52.745	ug/l	98
23) Vinyl Acetate	5.86	43	1360272	263.787	ug/l	100
24) 1,1-Dichloroethane	5.82	63	184190	51.860	ug/l	100
25) 2-Butanone	6.80	43	366864	278.009	ug/l	100
26) 2,2-Dichloropropane	6.79	77	135148	45.701	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	105469	51.327	ug/l	99
28) Bromochloromethane	7.17	49	84059	51.560	ug/l	98
29) Tetrahydrofuran	7.18	42	251152	280.344	ug/l	100
30) Chloroform	7.35	83	172554	52.088	ug/l	99
31) Cyclohexane	7.63	56	174987	48.013	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	149331	52.115	ug/l	99
36) 1,1-Dichloropropene	7.77	75	134868	49.481	ug/l	100
37) Ethyl Acetate	6.89	43	154519	52.209	ug/l	100
38) Carbon Tetrachloride	7.75	117	118972	52.439	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	158222	48.554	ug/l	98
40) Benzene	8.02	78	404601	50.036	ug/l	100
41) Methacrylonitrile	7.18	41	226110	183.164	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	140563	51.029	ug/l	99
43) Isopropyl Acetate	8.14	43	253936	52.755	ug/l	100
44) Trichloroethene	8.82	130	98870	48.661	ug/l	99
45) 1,2-Dichloropropane	9.10	63	111851	51.212	ug/l	96
46) Dibromomethane	9.19	93	66615	52.900	ug/l	99
47) Bromodichloromethane	9.38	83	136283	51.230	ug/l	97
48) Methyl methacrylate	9.18	41	115618	54.353	ug/l	99
49) 1,4-Dioxane	9.18	88	32590	1101.970	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	767210	276.491	ug/l	100
52) Toluene	10.14	92	242812	50.054	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	156066	50.506	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	168268	49.908	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	94810	51.646	ug/l	96
56) Ethyl methacrylate	10.42	69	157779	54.657	ug/l	99
57) 1,3-Dichloropropane	10.70	76	168190	51.364	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	360824	275.077	ug/l	100
59) 2-Hexanone	10.74	43	563843	281.761	ug/l	99
60) Dibromochloromethane	10.89	129	99991	53.023	ug/l	98
61) 1,2-Dibromoethane	10.99	107	98228	52.511	ug/l	98
64) Tetrachloroethene	10.62	164	91872	49.749	ug/l	98
65) Chlorobenzene	11.42	112	245262	49.229	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	89521	50.225	ug/l	100
67) Ethyl Benzene	11.50	91	468703	50.014	ug/l	99
68) m/p-Xylenes	11.61	106	341523	100.839	ug/l	99
69) o-Xylene	11.94	106	164640	50.560	ug/l	99
70) Styrene	11.96	104	274525	52.366	ug/l	100
71) Bromoform	12.12	173	71032	53.389	ug/l #	99
73) Isopropylbenzene	12.24	105	444464	49.155	ug/l	99
74) N-amyl acetate	12.06	43	213942	50.880	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	143482	51.983	ug/l	99
76) 1,2,3-Trichloropropane	12.54	75	192084	77.374	ug/l #	100
77) Bromobenzene	12.52	156	103969	49.247	ug/l	99
78) n-propylbenzene	12.58	91	527255	49.840	ug/l	100
79) 2-Chlorotoluene	12.67	91	305891	49.301	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	375806	50.282	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	49583	49.264	ug/l	98
82) 4-Chlorotoluene	12.77	91	318353	49.472	ug/l	100
83) tert-Butylbenzene	12.99	119	314211	49.990	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	370515	50.152	ug/l	99
85) sec-Butylbenzene	13.17	105	427458	50.192	ug/l	99
86) p-Isopropyltoluene	13.28	119	376426	49.637	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	185818	49.388	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	185000	48.876	ug/l	100
89) n-Butylbenzene	13.61	91	349664	49.582	ug/l	99
90) Hexachloroethane	13.87	117	57523	49.439	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	180216	50.187	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	29339	54.923	ug/l	99

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QLast Update : Fri Apr 17 03:49:39 2020
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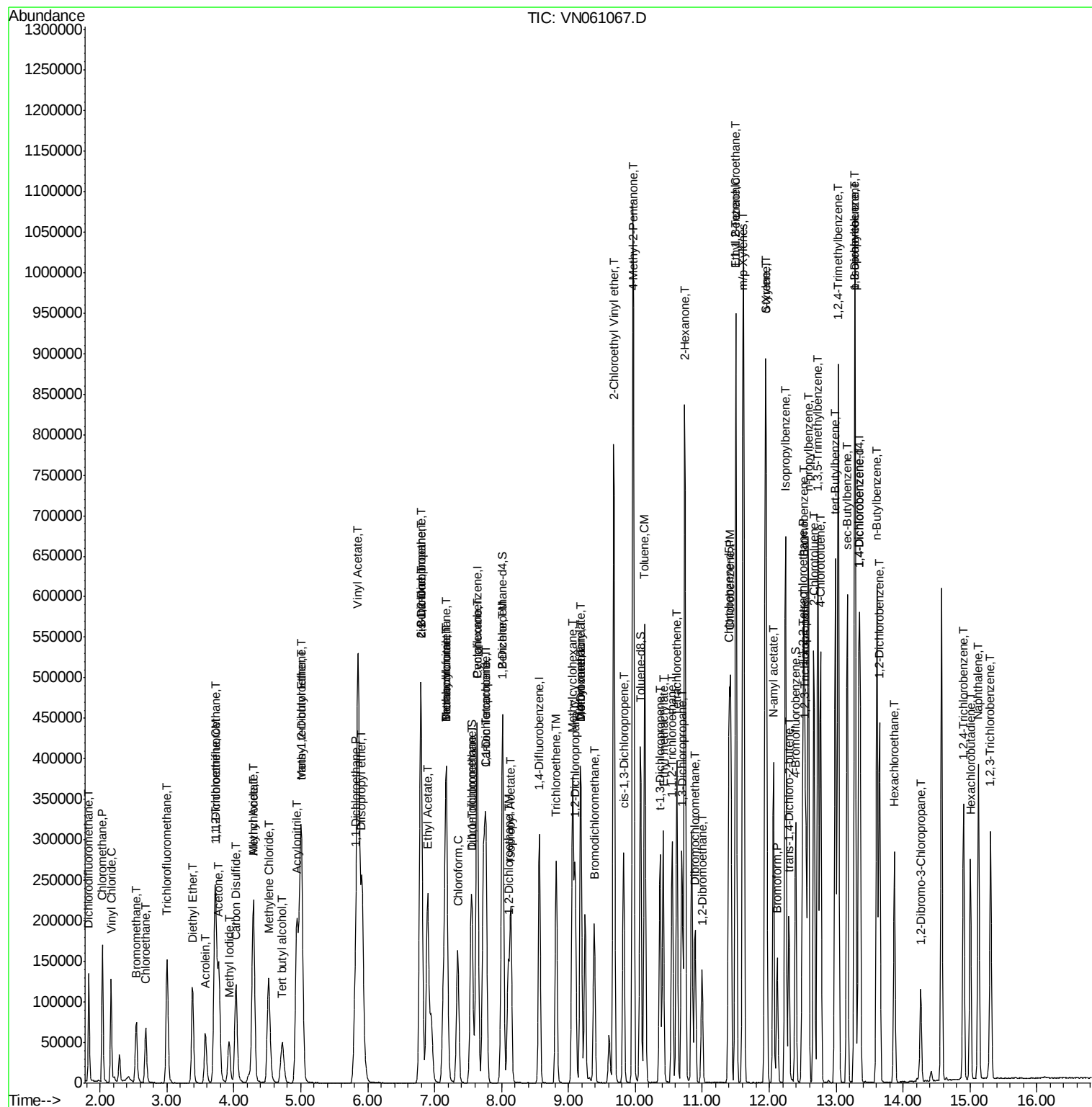
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	106768	50.234	ug/l	99
94) Hexachlorobutadiene	15.00	225	51779	47.357	ug/l	100
95) Naphthalene	15.13	128	323892	52.254	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	103615	50.587	ug/l	99

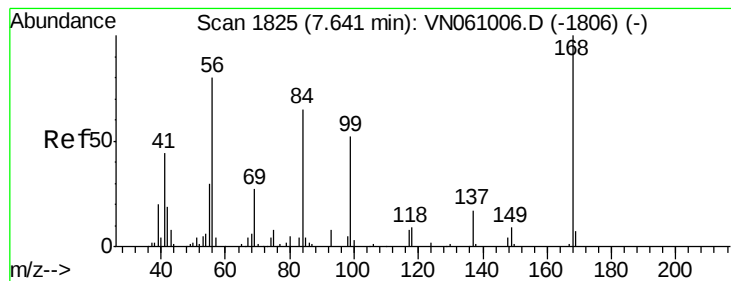
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

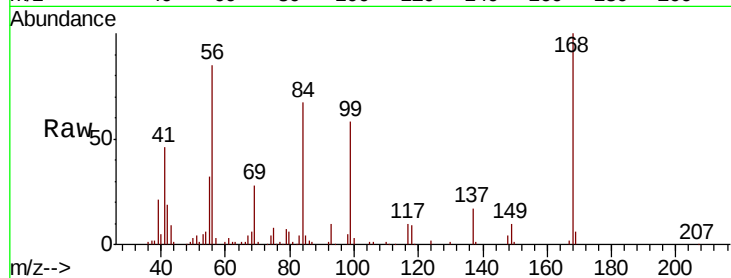
VSTDCCC050

Tot Ion:168 Resp: 152920

Ion Ratio Lower Upper

168 100

99 57.8 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

60000

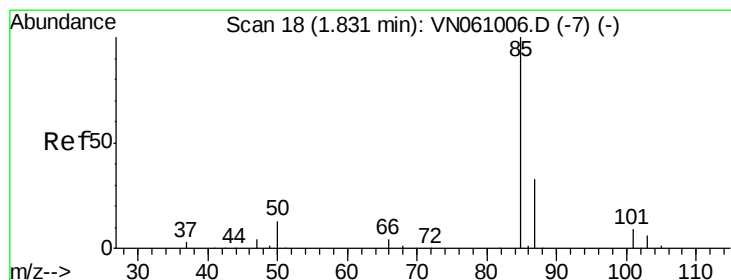
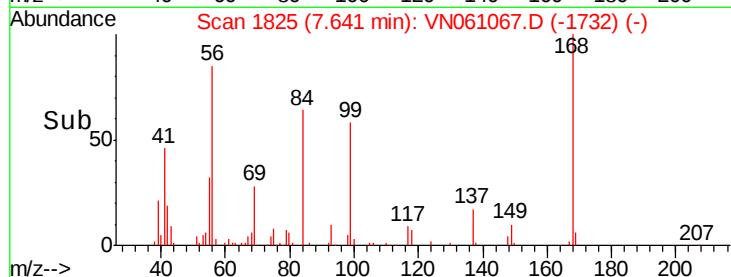
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.838 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061067.D

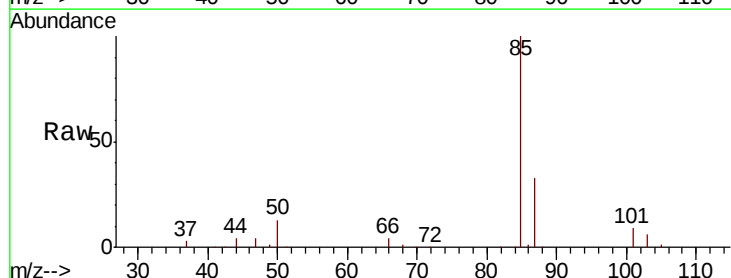
Acq: 17 Apr 2020 21:49

Tgt Ion: 85 Resp: 100730

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

60000

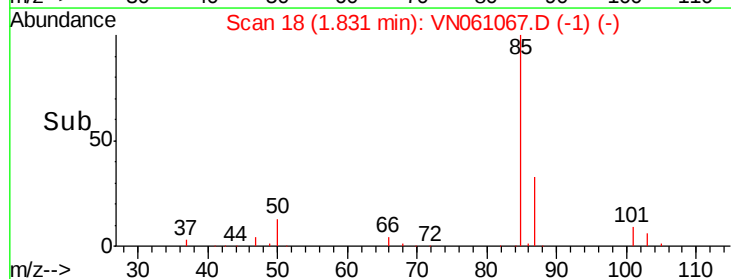
40000

20000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 50.649 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

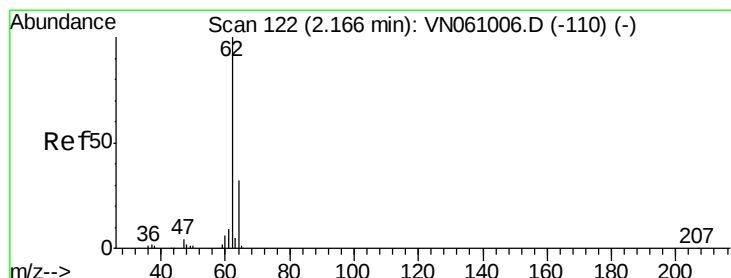
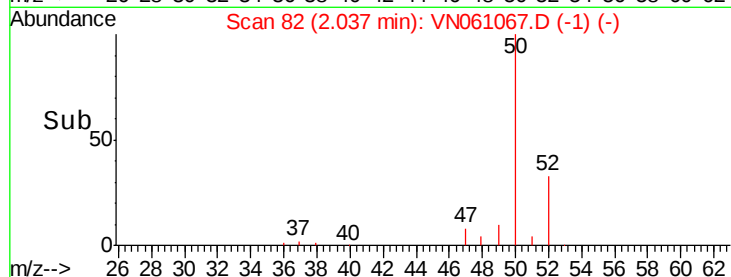
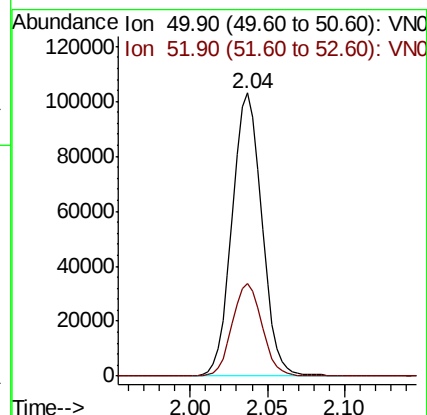
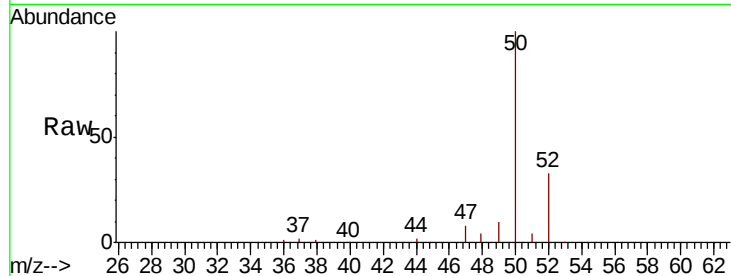
VSTDCCC050

Tot Ion: 50 Resp: 137371

Ion Ratio Lower Upper

50 100

52 32.6 25.6 38.4



#4

Vinyl Chloride

Concen: 51.536 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN061067.D

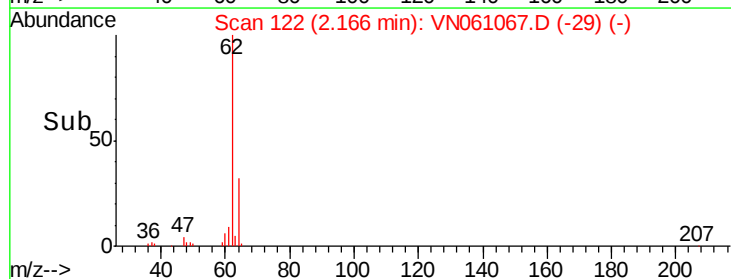
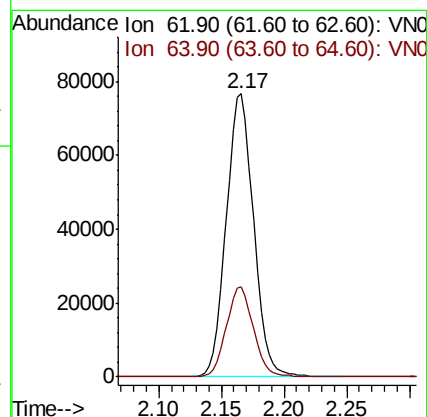
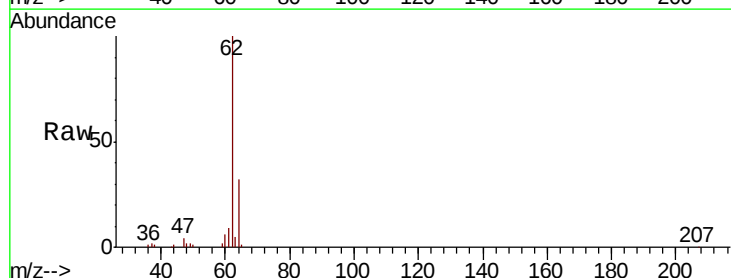
Acq: 17 Apr 2020 21:49

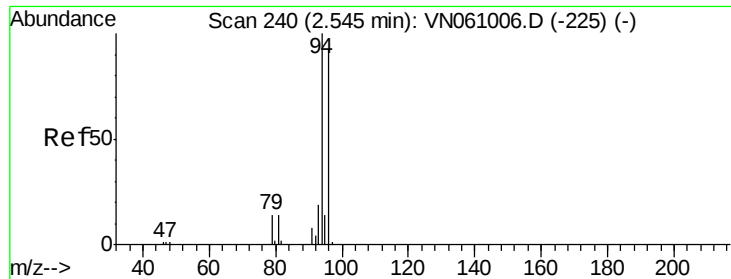
Tgt Ion: 62 Resp: 116157

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.0





#5

Bromomethane

Concen: 49.312 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

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ClientSampleId :

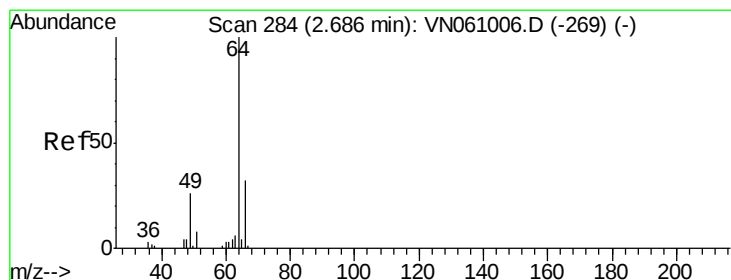
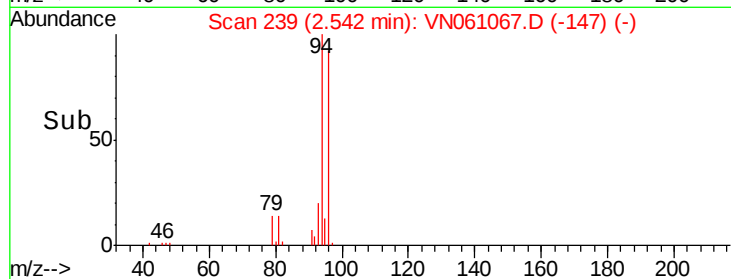
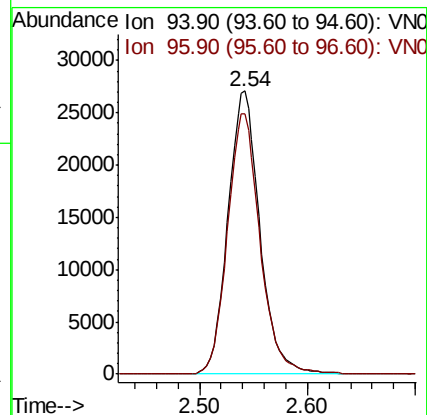
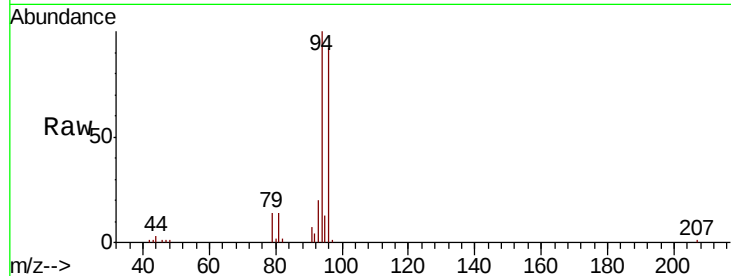
VSTDCCC050

Tot Ion: 94 Resp: 55736

Ion Ratio Lower Upper

94 100

96 91.9 74.3 111.5



#6

Chloroethane

Concen: 53.039 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061067.D

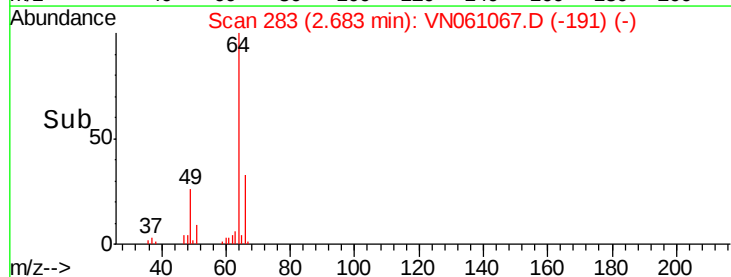
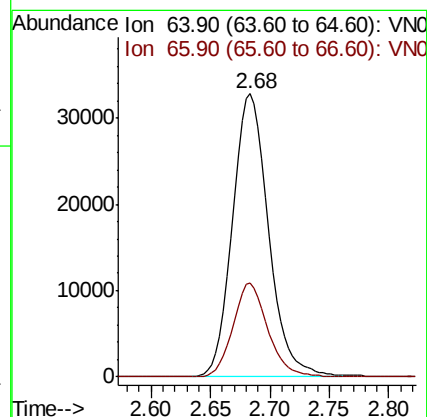
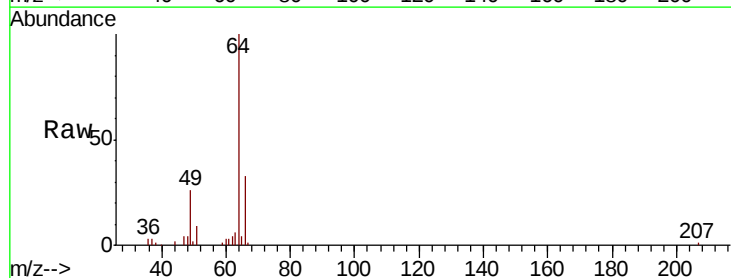
Acq: 17 Apr 2020 21:49

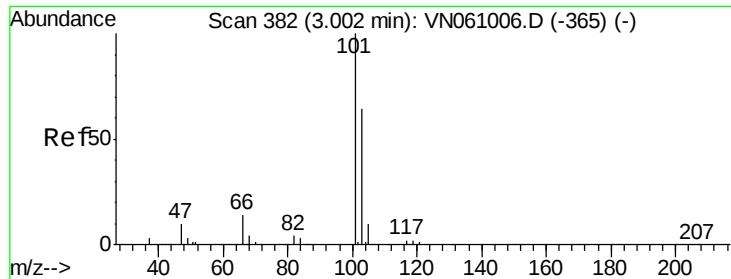
Tgt Ion: 64 Resp: 68959

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.8



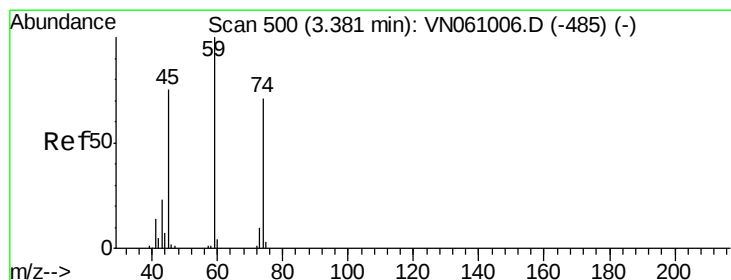
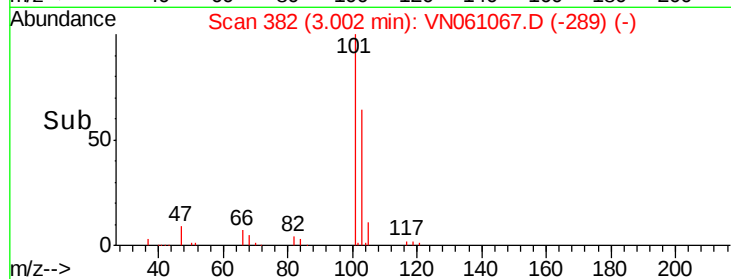
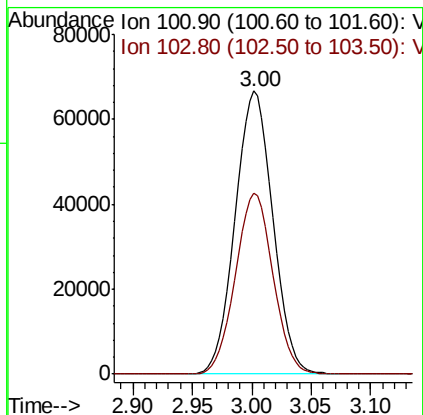
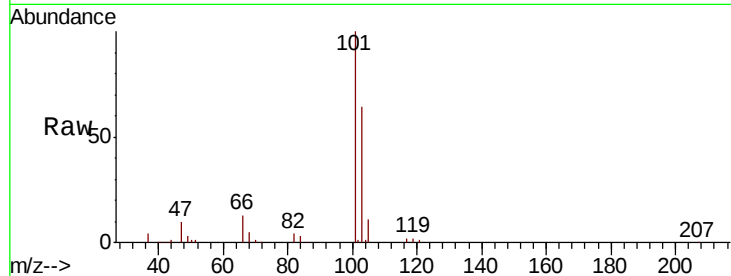


#7

Trichlorofluoromethane
 Concen: 52.191 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN061067.D
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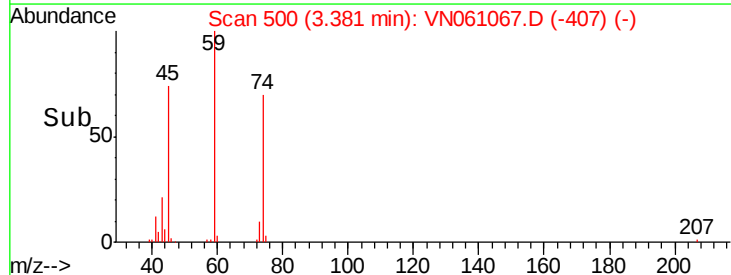
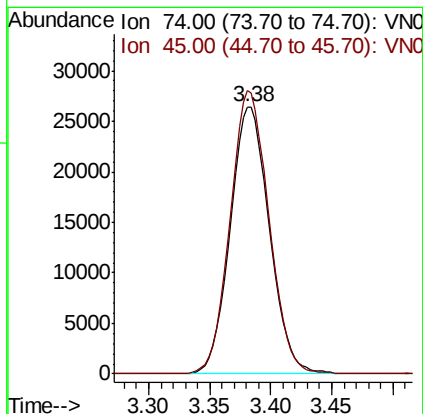
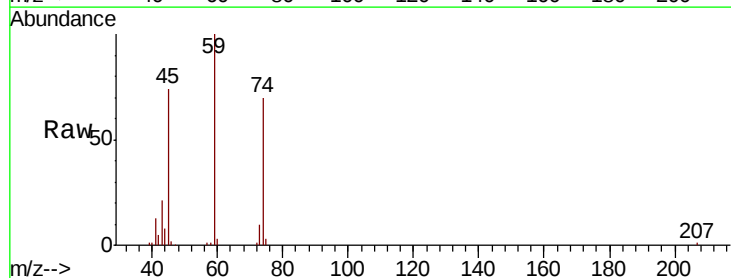
Tot Ion:101 Resp: 146447
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.2

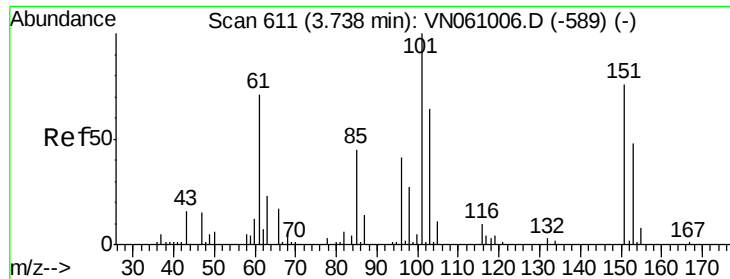


#8

Diethyl Ether
 Concen: 52.805 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 74 Resp: 58890
 Ion Ratio Lower Upper
 74 100
 45 104.9 52.9 158.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.469 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN061067.D

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Instrument :

MSVOA_N

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VSTDCCC050

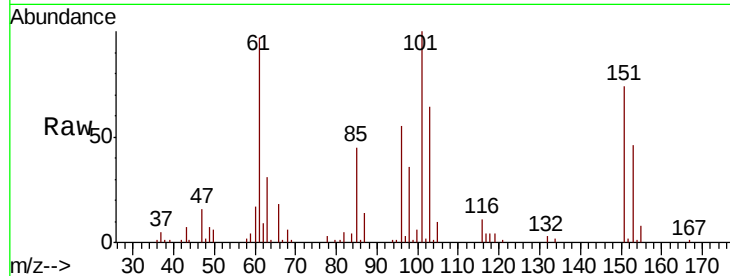
Tot Ion:101 Resp: 81440

Ion Ratio Lower Upper

101 100

85 44.9 35.9 53.9

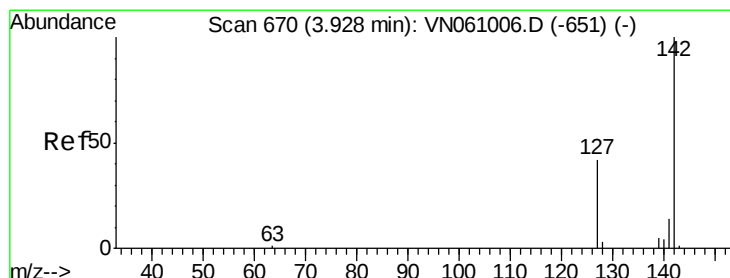
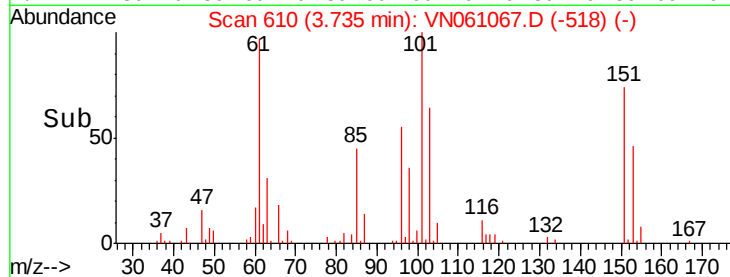
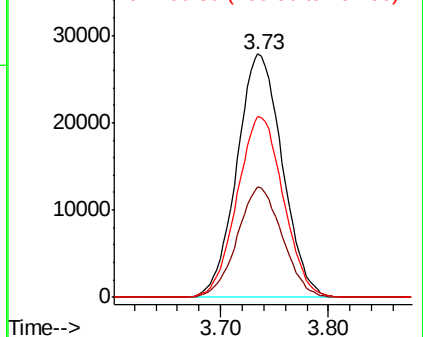
151 75.6 60.8 91.2



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: 57.023 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

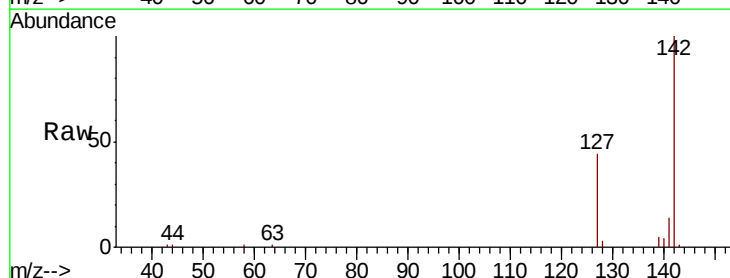
Tgt Ion:142 Resp: 82818

Ion Ratio Lower Upper

142 100

127 43.0 33.4 50.2

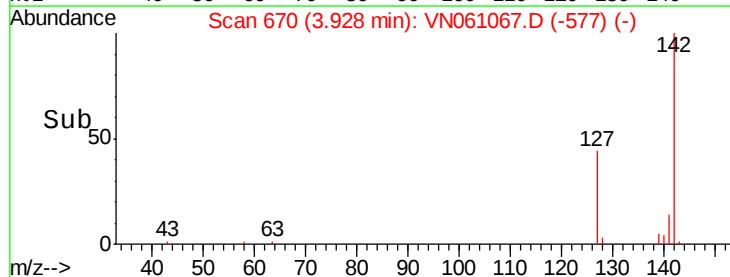
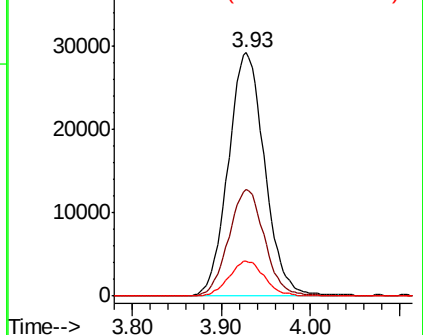
141 14.0 11.0 16.6

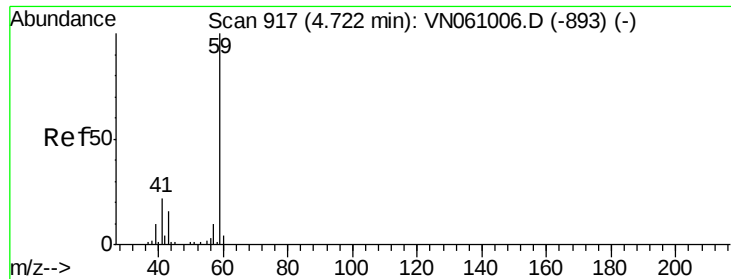


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



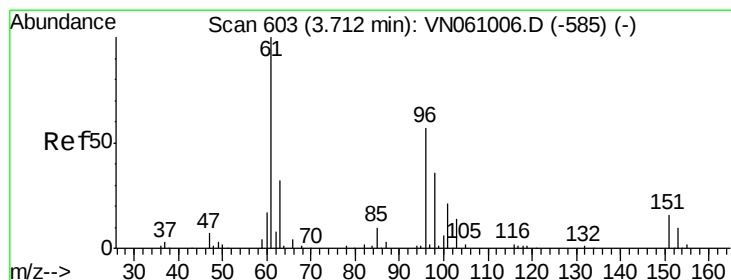
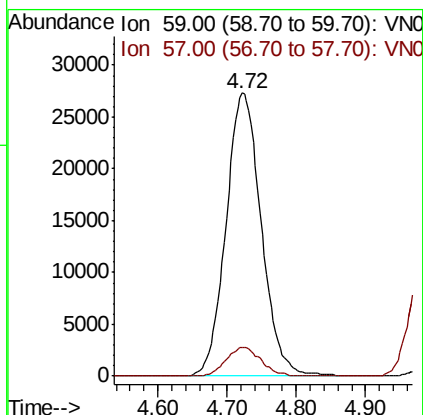
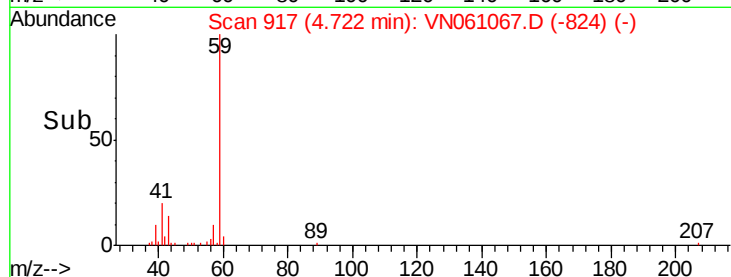
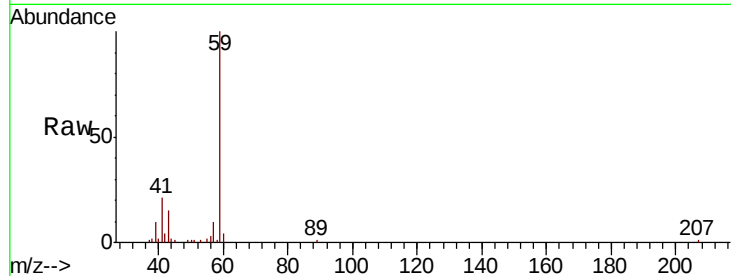


#11

Tert butyl alcohol
 Concen: 279.069 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

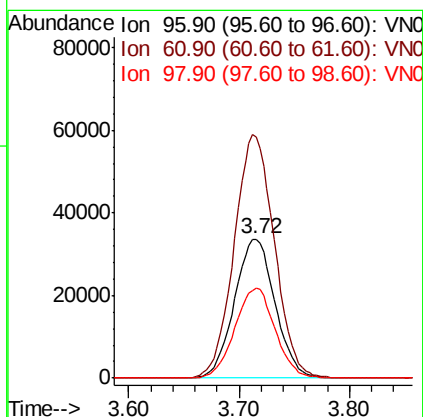
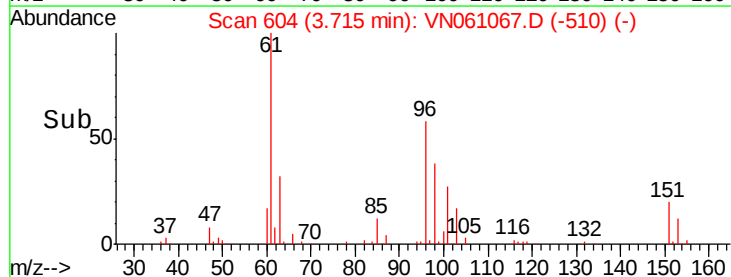
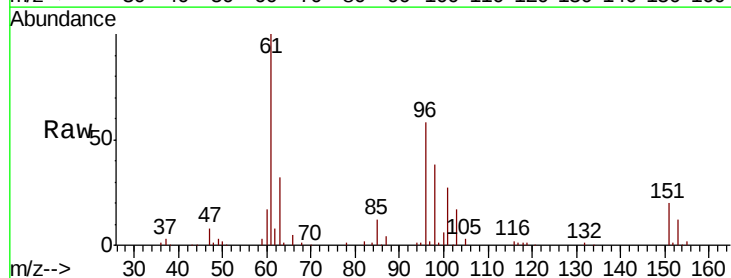
Tot Ion: 59 Resp: 96875
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.1 12.1



#12

1,1-Dichloroethene
 Concen: 51.170 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 96 Resp: 85629
 Ion Ratio Lower Upper
 96 100
 61 173.4 139.2 208.8
 98 65.1 50.0 75.0





#13

Acrolein

Concen: 238.384 ug/l

RT: 3.57 min Scan# 560

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

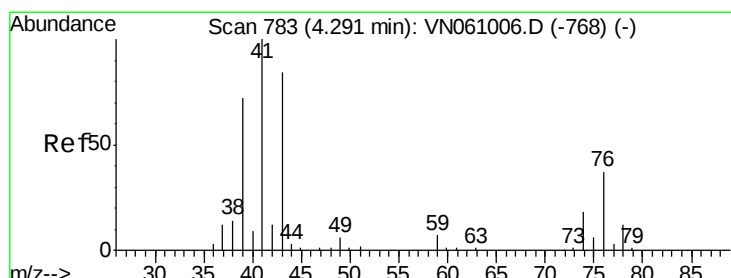
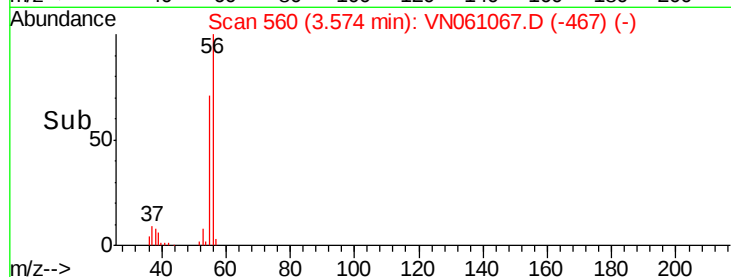
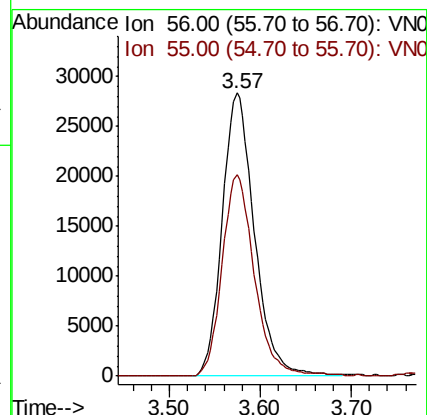
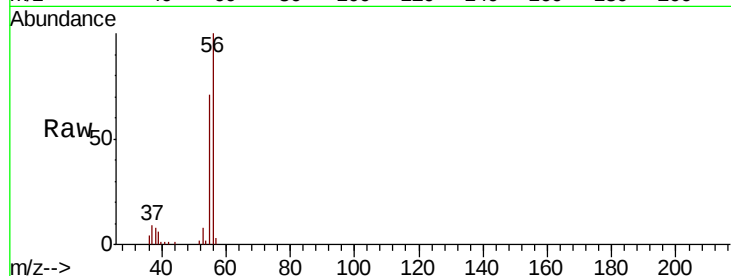
VSTDCCC050

Tot Ion: 56 Resp: 69871

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.6



#14

Allyl chloride

Concen: 49.068 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

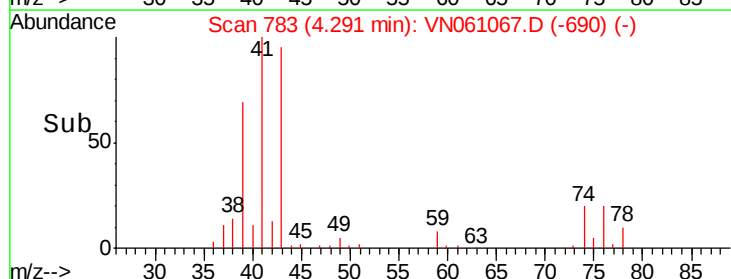
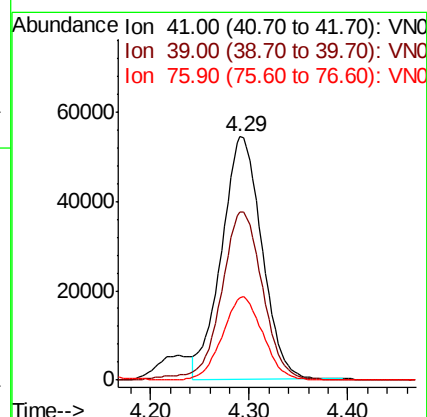
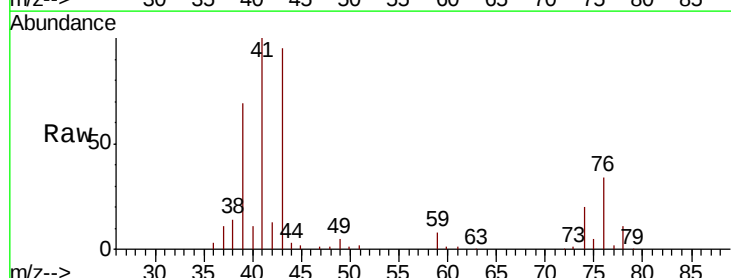
Tgt Ion: 41 Resp: 155362

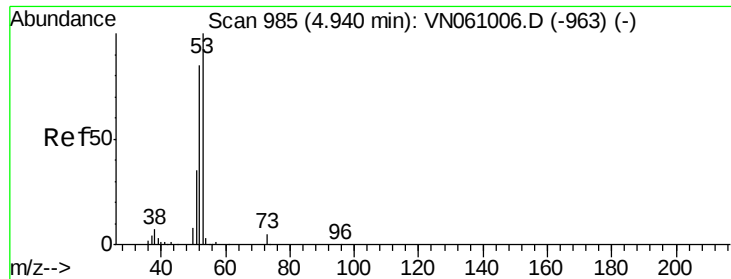
Ion Ratio Lower Upper

41 100

39 71.3 56.3 84.5

76 34.3 27.7 41.5





#15

Acrylonitrile

Concen: 286.286 ug/l

RT: 4.94 min Scan# 985

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

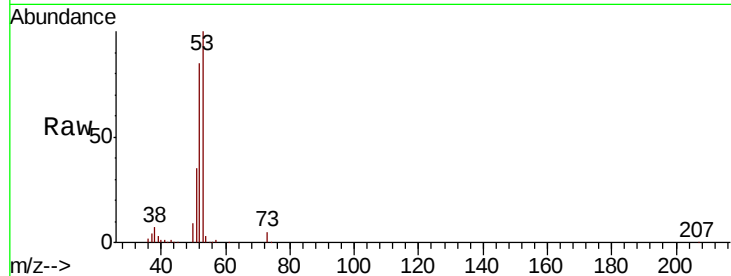
Tot Ion: 53 Resp: 269458

Ion Ratio Lower Upper

53 100

52 82.4 66.8 100.2

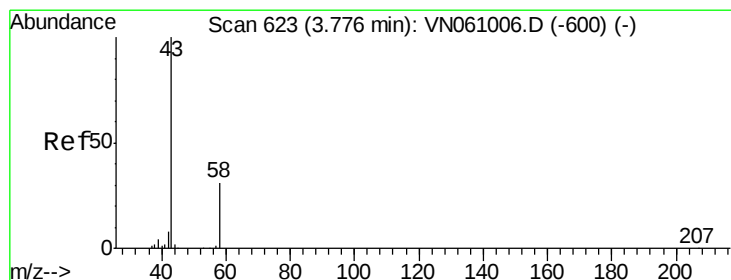
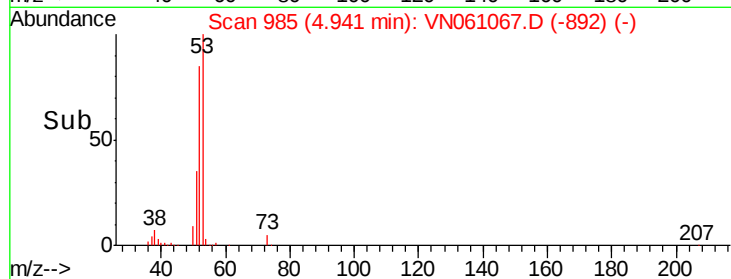
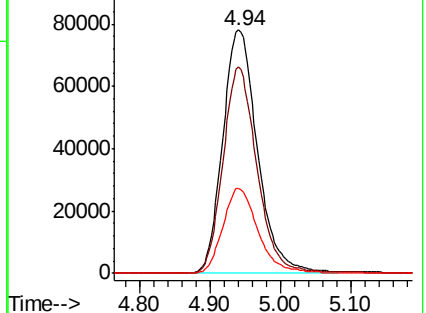
51 35.2 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN061067.D (-963) (-)

Ion 52.00 (51.70 to 52.70): VN061067.D (-963) (-)

Ion 51.00 (50.70 to 51.70): VN061067.D (-963) (-)



#16

Acetone

Concen: 251.881 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061067.D

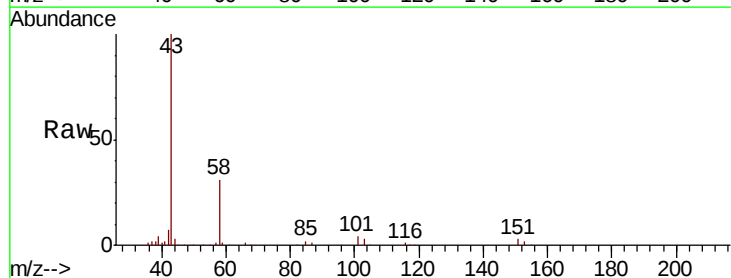
Acq: 17 Apr 2020 21:49

Tgt Ion: 43 Resp: 216910

Ion Ratio Lower Upper

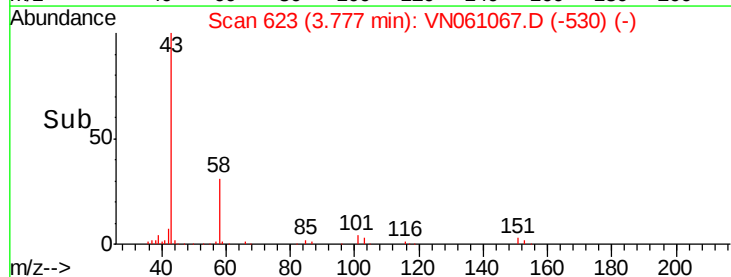
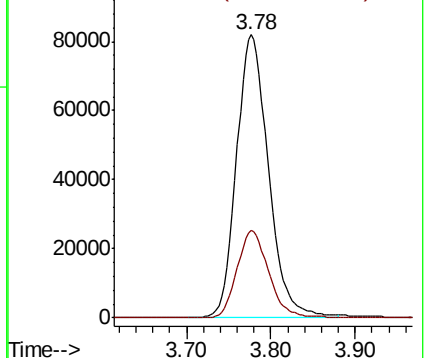
43 100

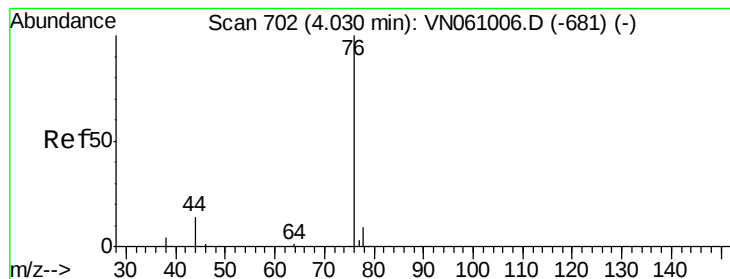
58 30.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VN061067.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN061067.D (-600) (-)





#17

Carbon Disulfide

Concen: 49.322 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

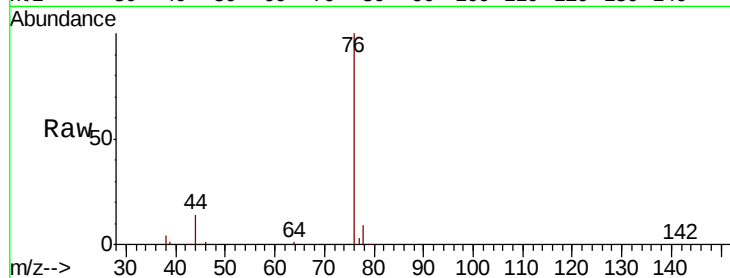
VSTDCCC050

Tot Ion: 76 Resp: 258269

Ion Ratio Lower Upper

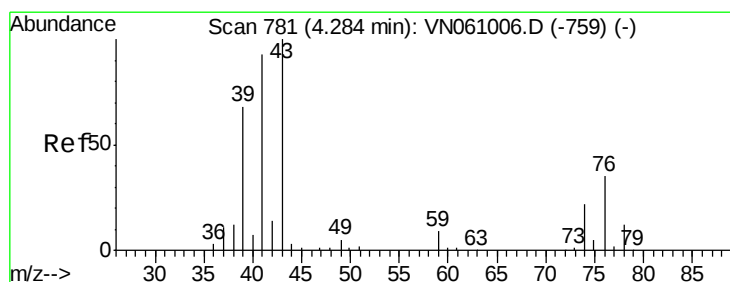
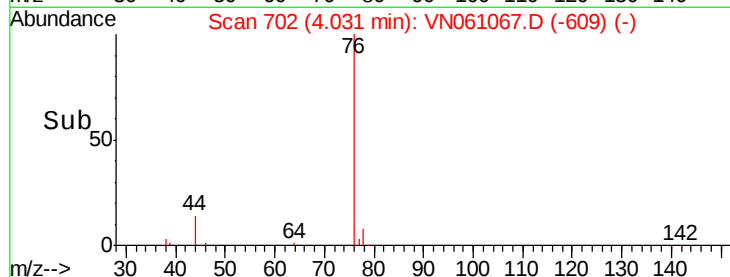
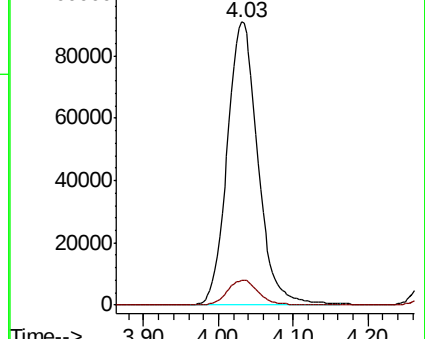
76 100

78 8.7 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN061006.D (-681) (-)

Ion 77.90 (77.60 to 78.60): VN061006.D (-681) (-)



#18

Methyl Acetate

Concen: 59.059 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.00 min

Lab File: VN061067.D

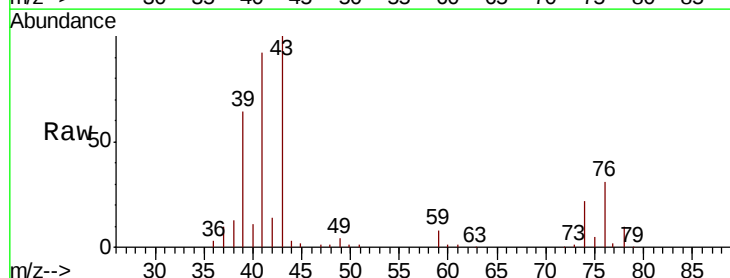
Acq: 17 Apr 2020 21:49

Tgt Ion: 43 Resp: 159484

Ion Ratio Lower Upper

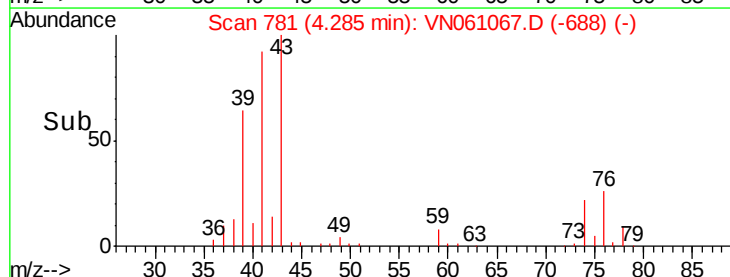
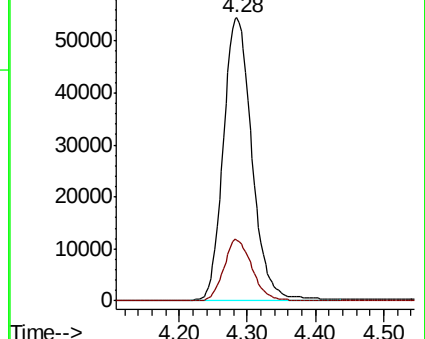
43 100

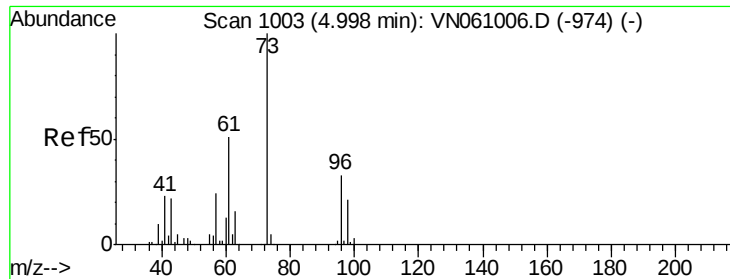
74 21.2 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN061006.D (-759) (-)

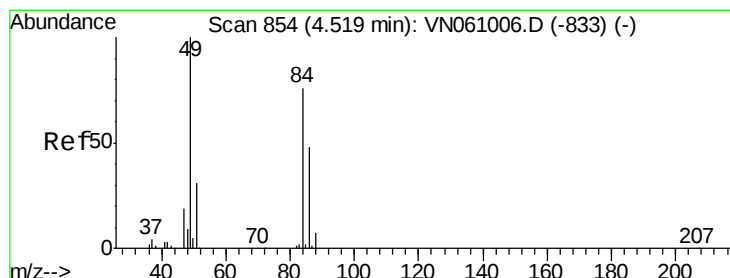
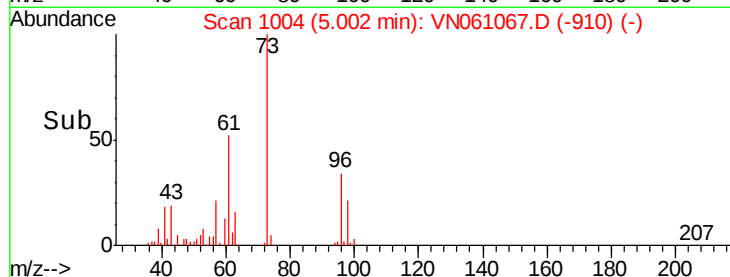
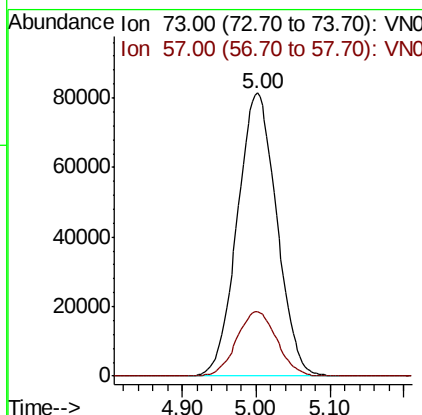
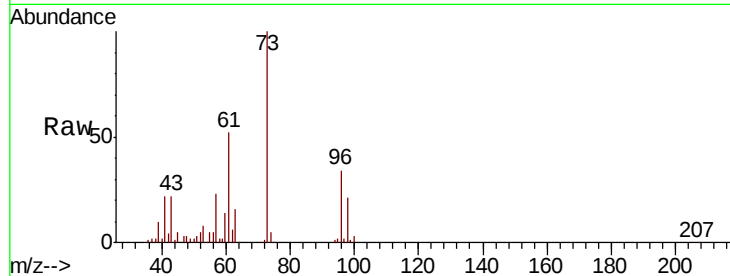




#19
Methyl tert-butyl Ether
Concen: 51.830 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

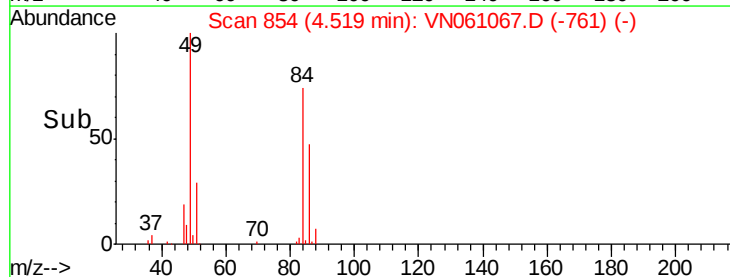
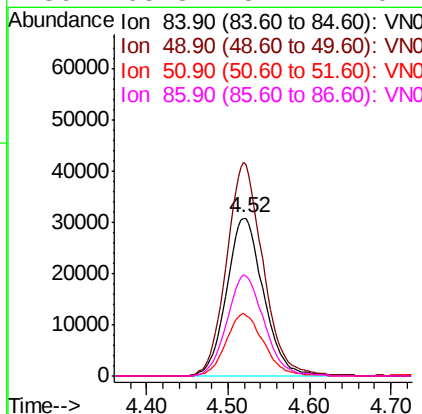
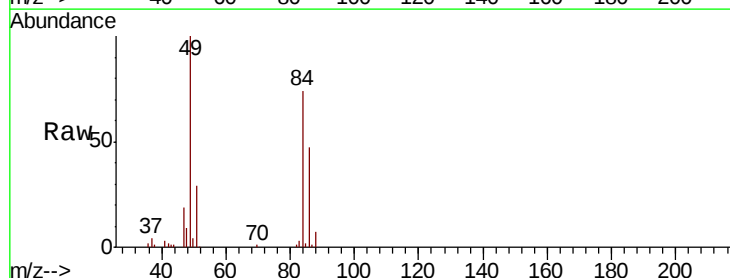
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

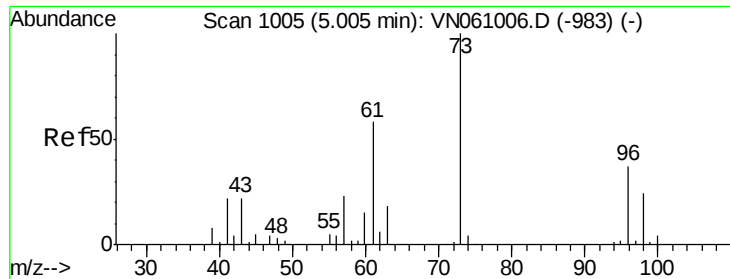
Tot Ion: 73 Resp: 302428
Ion Ratio Lower Upper
73 100
57 22.8 19.0 28.4



#20
Methylene Chloride
Concen: 51.745 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion: 84 Resp: 97291
Ion Ratio Lower Upper
84 100
49 135.4 105.8 158.6
51 39.4 32.4 48.6
86 63.8 51.1 76.7

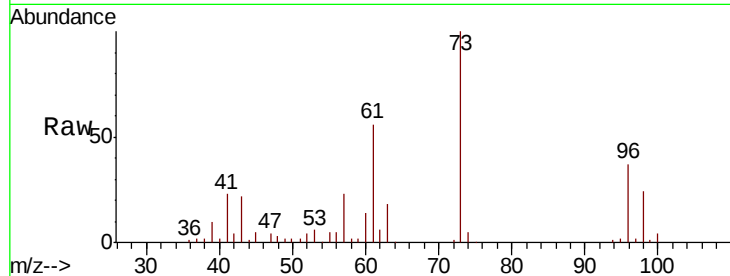




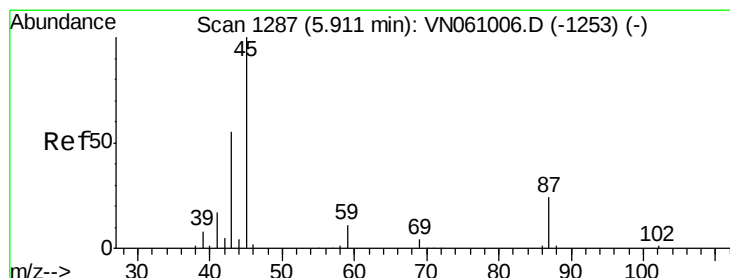
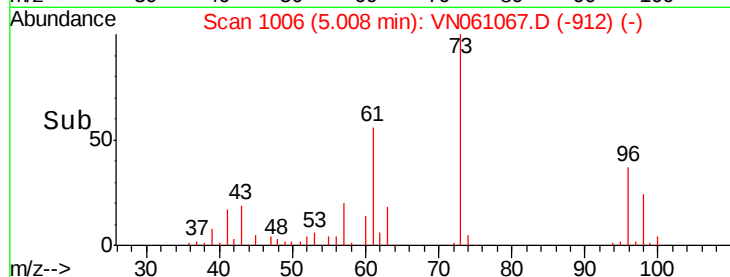
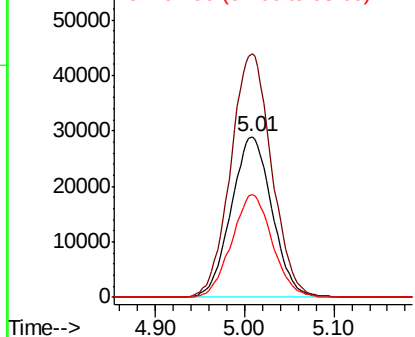
#21
trans-1,2-Dichloroethene
Concen: 51.508 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 92191
Ion Ratio Lower Upper
96 100
61 151.8 124.8 187.2
98 64.5 51.3 76.9

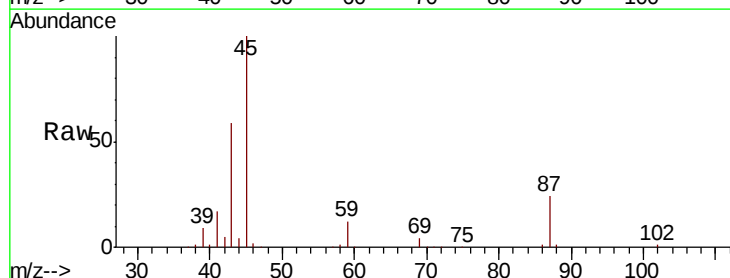


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

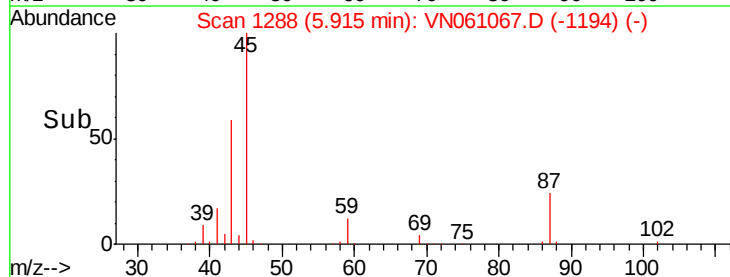
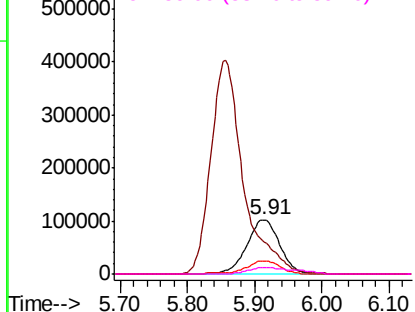


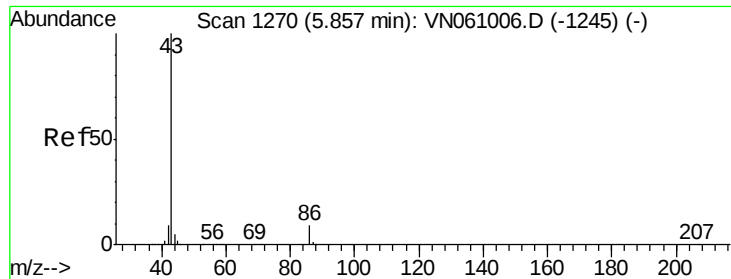
#22
Diisopropyl ether
Concen: 52.745 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion: 45 Resp: 346846
Ion Ratio Lower Upper
45 100
43 58.7 48.6 72.8
87 24.3 19.4 29.2
59 11.4 8.6 12.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 263.787 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

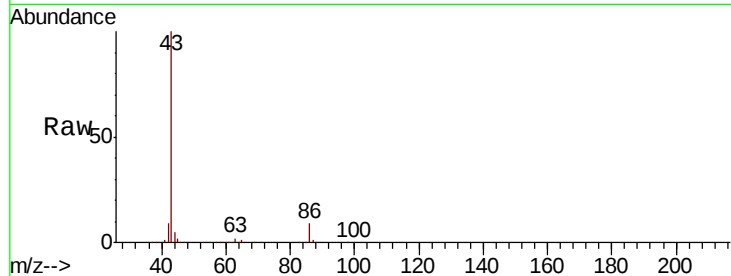
VSTDCCC050

Tot Ion: 43 Resp: 1360272

Ion Ratio Lower Upper

43 100

86 8.9 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1245) (-)

Ion 86.00 (85.70 to 86.70): VN061006.D (-1245) (-)

5.86

400000

300000

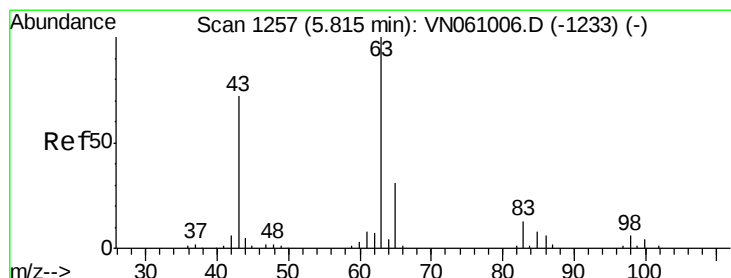
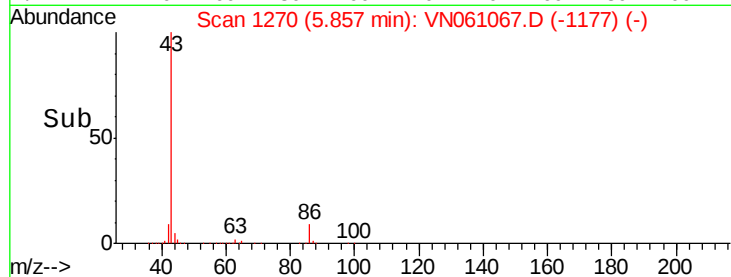
200000

100000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 51.860 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

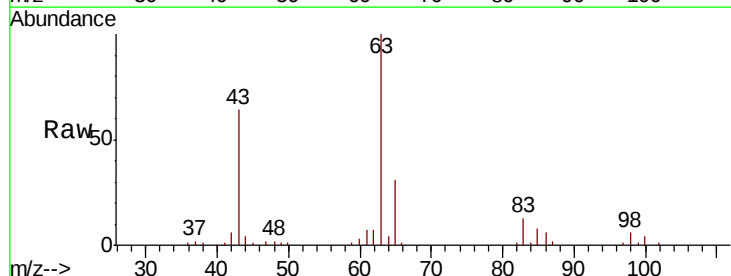
Tgt Ion: 63 Resp: 184190

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 4.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN061006.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN061006.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN061006.D (-1233) (-)

5.82

80000

60000

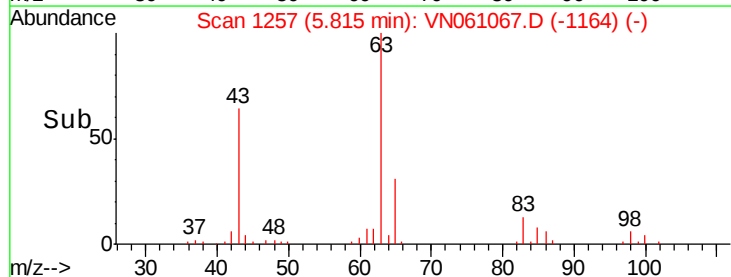
40000

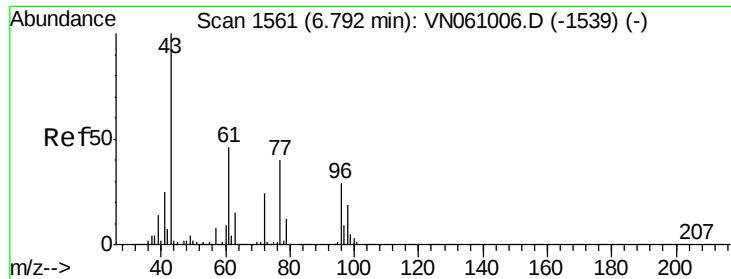
20000

0

5.70 5.80 5.90

Time-->

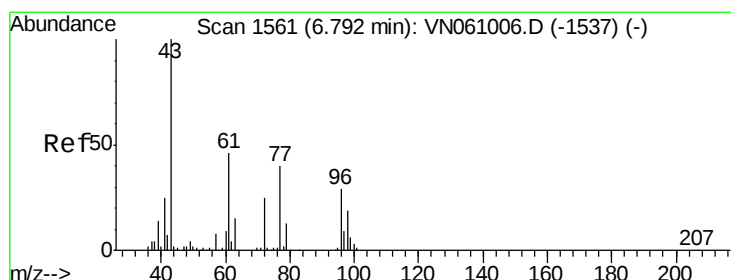
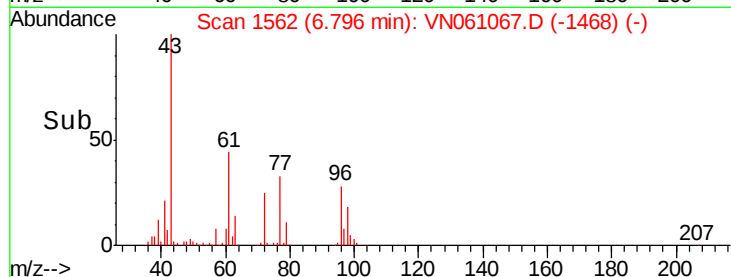
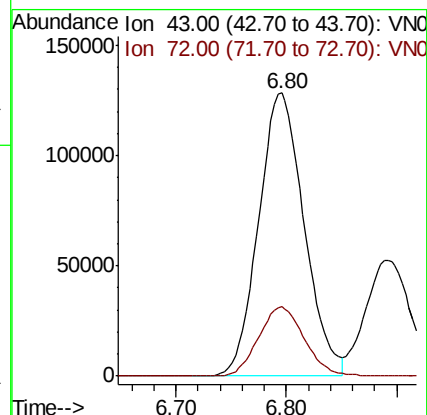
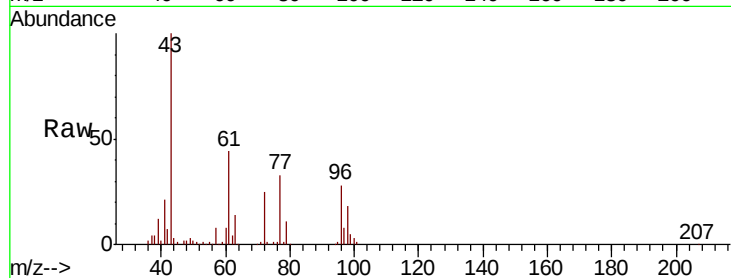




#25
2-Butanone
Concen: 278.009 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

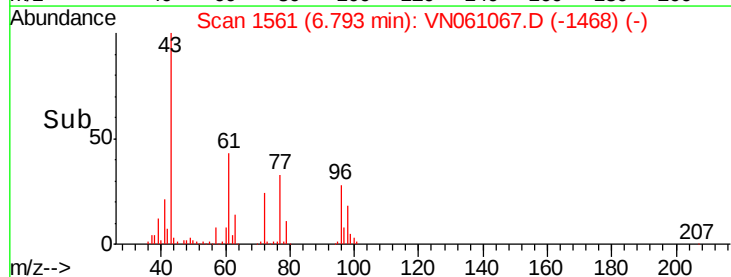
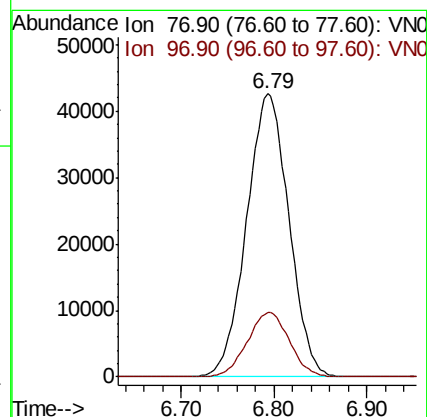
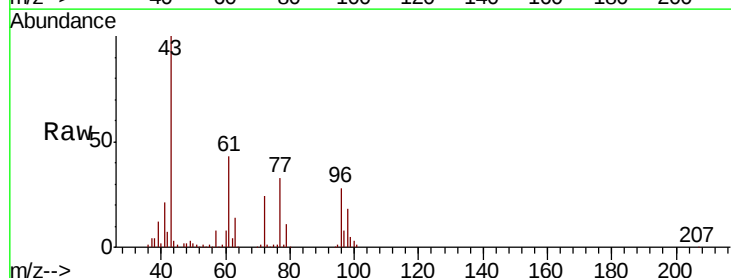
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 366864
Ion Ratio Lower Upper
43 100
72 24.5 19.6 29.4



#26
2,2-Dichloropropane
Concen: 45.701 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion: 77 Resp: 135148
Ion Ratio Lower Upper
77 100
97 22.7 11.2 33.6

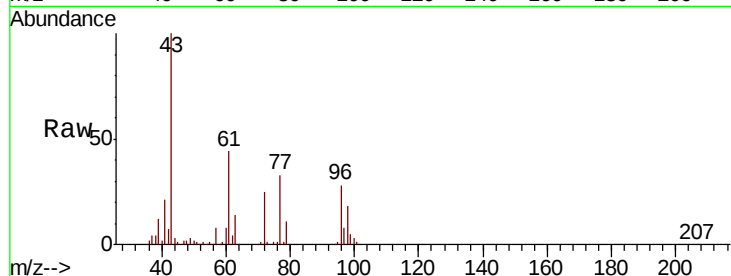




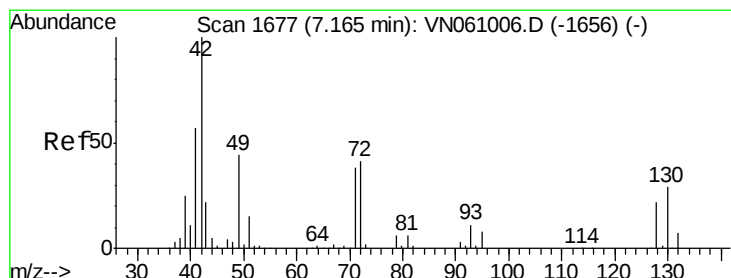
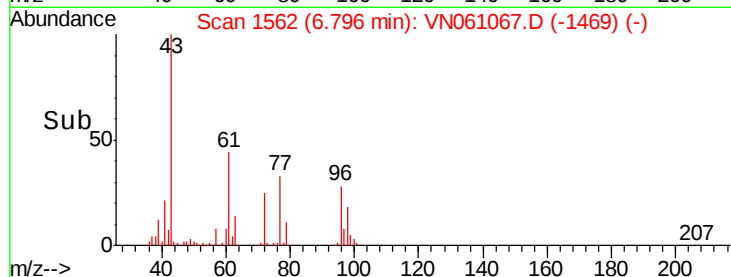
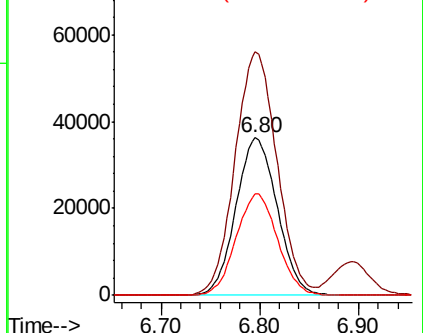
#27
 cis-1,2-Dichloroethene
 Concen: 51.327 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.5	0.0	317.4
98	64.4	0.0	127.8

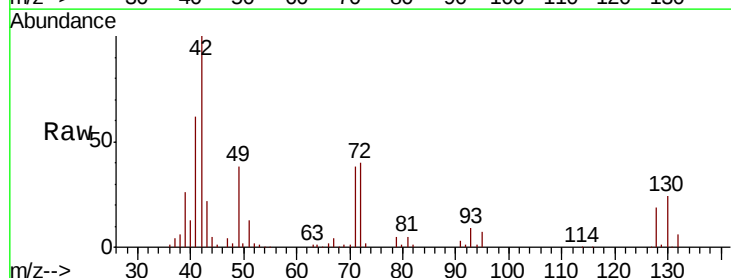


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

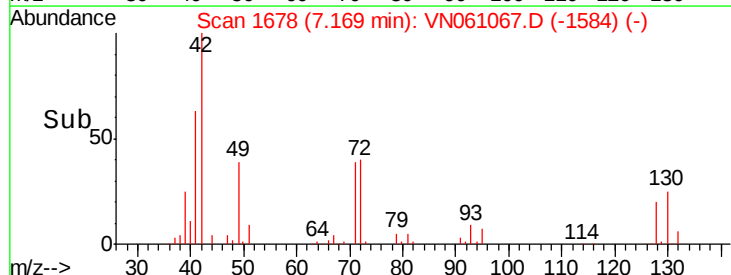
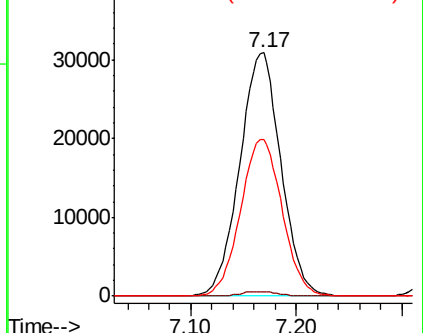


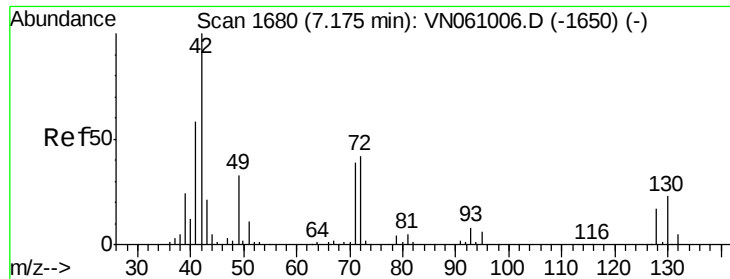
#28
 Bromochloromethane
 Concen: 51.560 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.0
130	64.8	52.9	79.3



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: 280.344 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

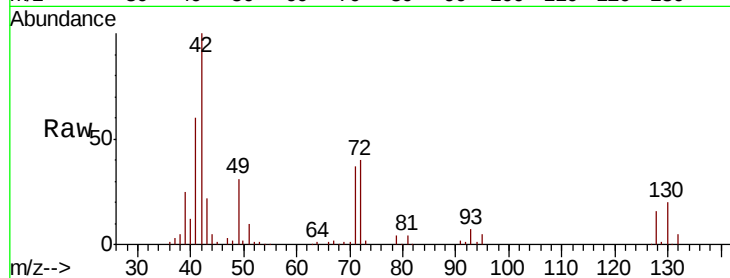
Tot Ion: 42 Resp: 251152

Ion Ratio Lower Upper

42 100

72 40.1 32.1 48.1

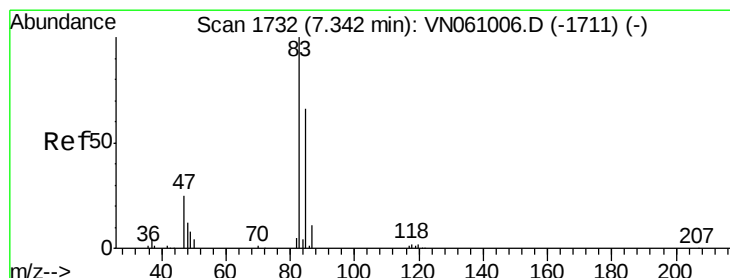
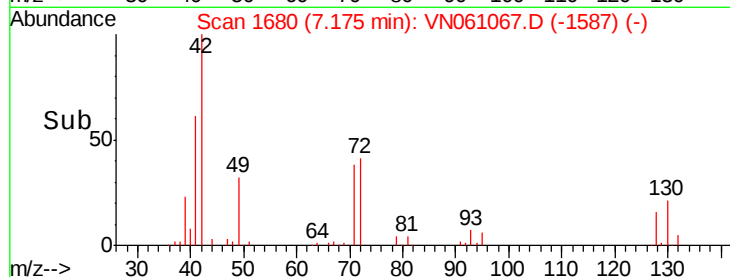
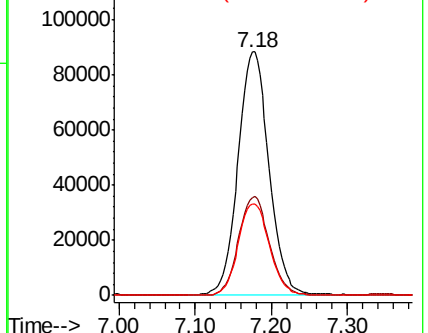
71 37.8 30.5 45.7



Abundance Ion 42.00 (41.70 to 42.70): VN061067.D (-1650) (-)

Ion 72.00 (71.70 to 72.70): VN061067.D (-1650) (-)

Ion 71.00 (70.70 to 71.70): VN061067.D (-1650) (-)



#30

Chloroform

Concen: 52.088 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VN061067.D

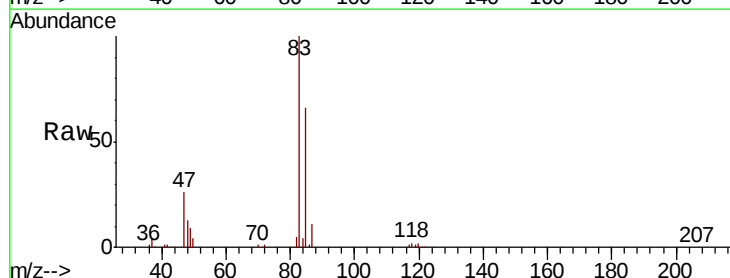
Acq: 17 Apr 2020 21:49

Tgt Ion: 83 Resp: 172554

Ion Ratio Lower Upper

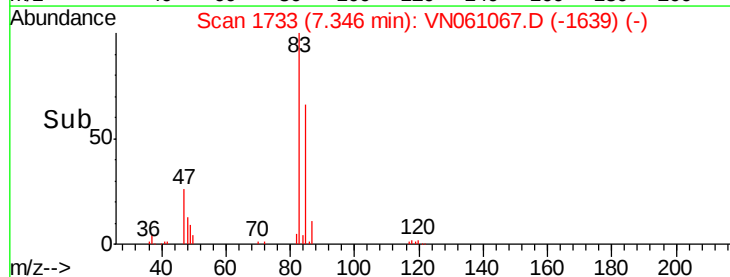
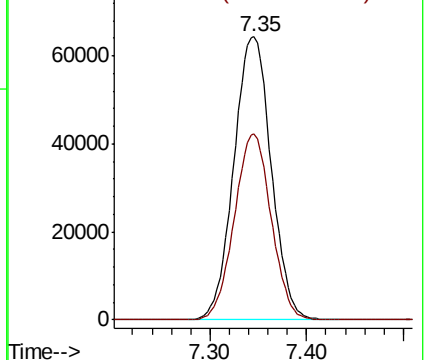
83 100

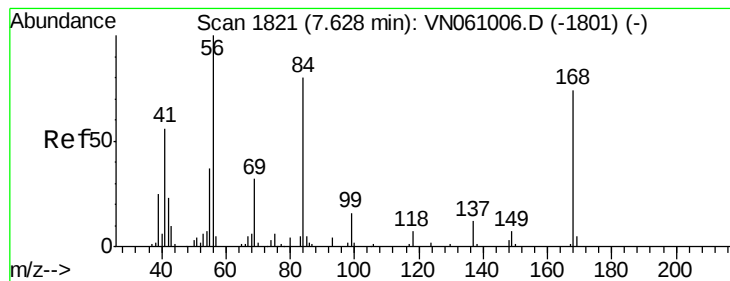
85 65.6 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VN061067.D (-1639) (-)

Ion 84.90 (84.60 to 85.60): VN061067.D (-1639) (-)





#31

Cyclohexane

Concen: 48.013 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

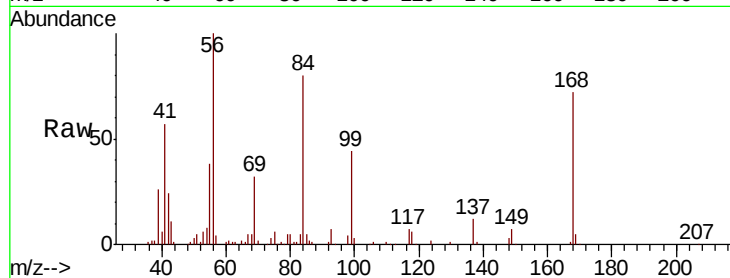
Tot Ion: 56 Resp: 174987

Ion Ratio Lower Upper

56 100

69 31.7 25.6 38.4

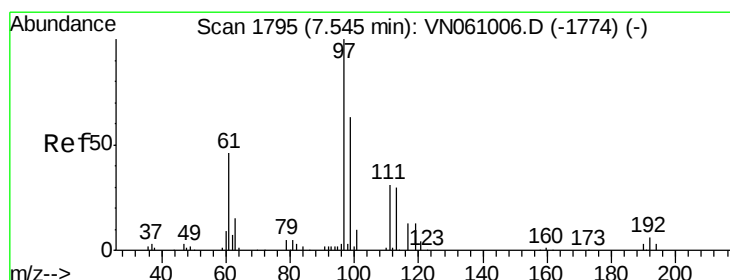
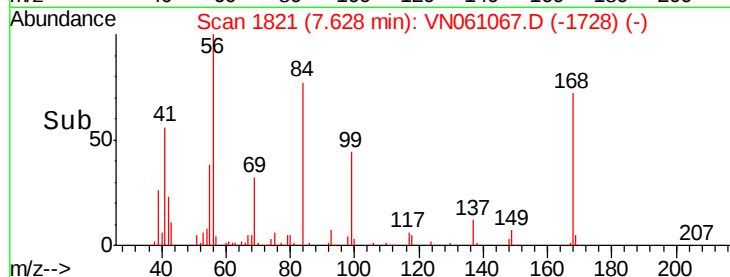
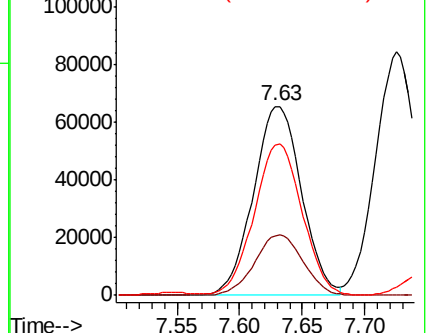
84 78.9 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VN061067.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN061067.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061067.D (-1801) (-)



#32

1,1,1-Trichloroethane

Concen: 52.115 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

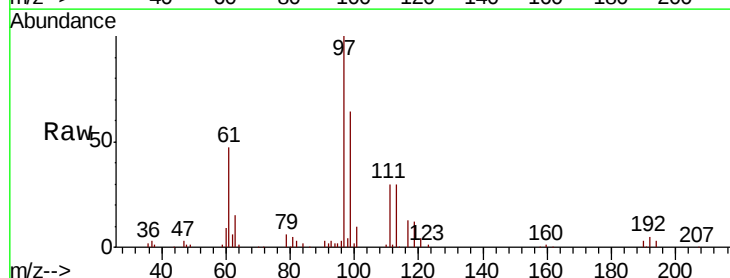
Tgt Ion: 97 Resp: 149331

Ion Ratio Lower Upper

97 100

99 64.5 51.0 76.4

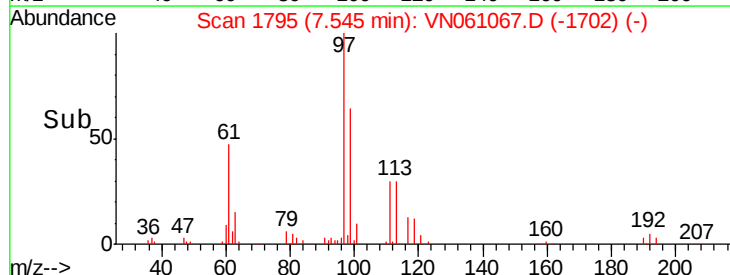
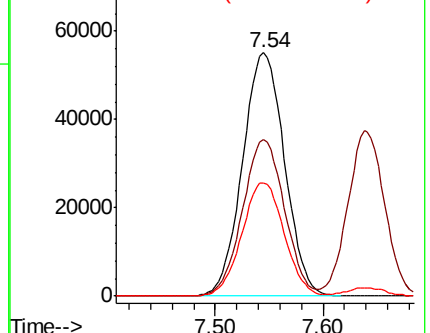
61 47.0 37.0 55.6

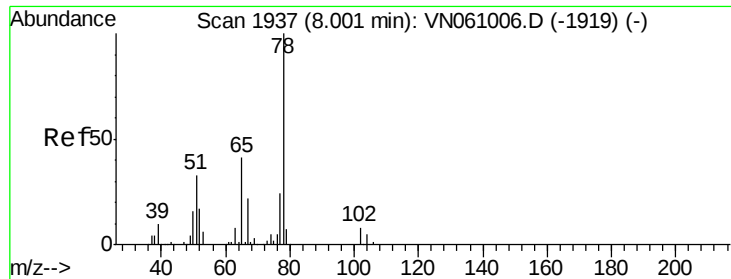


Abundance Ion 96.90 (96.60 to 97.60): VN061067.D (-1774) (-)

Ion 98.90 (98.60 to 99.60): VN061067.D (-1774) (-)

Ion 60.90 (60.60 to 61.60): VN061067.D (-1774) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.960 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

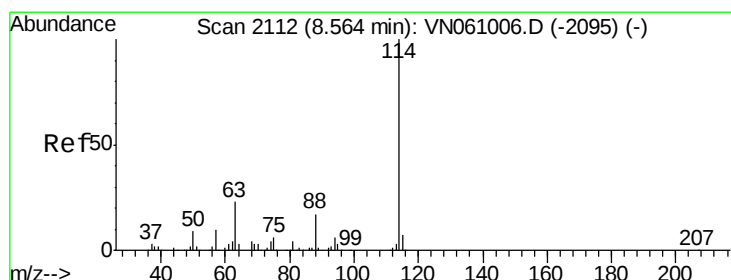
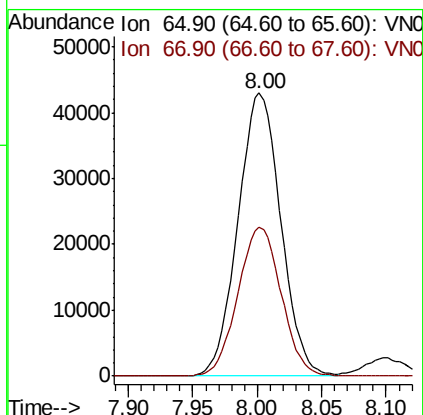
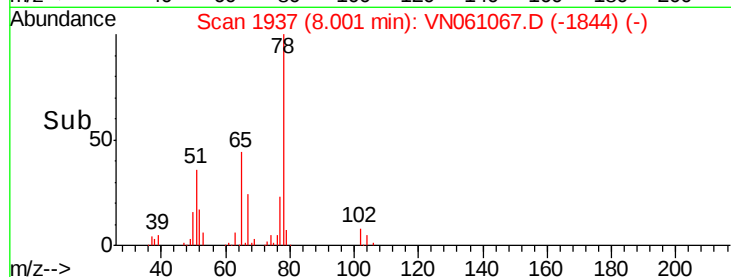
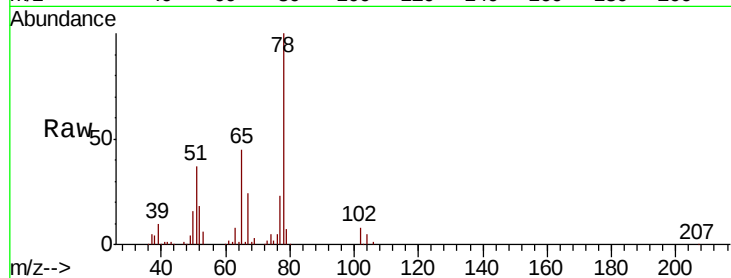
VSTDCCC050

Tot Ion: 65 Resp: 99704

Ion Ratio Lower Upper

65 100

67 53.1 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

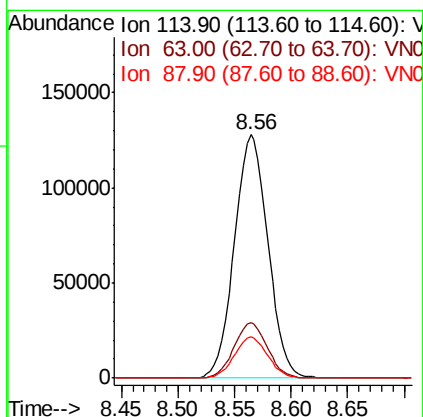
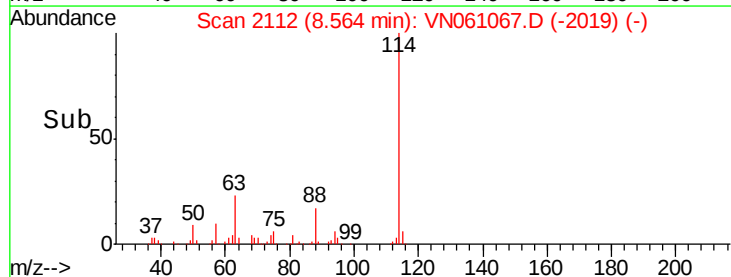
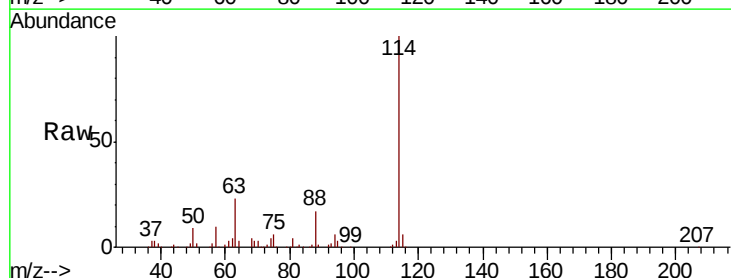
Tgt Ion: 114 Resp: 264138

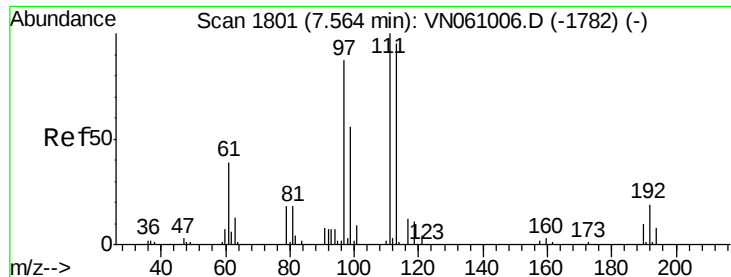
Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.2

88 16.8 0.0 33.4

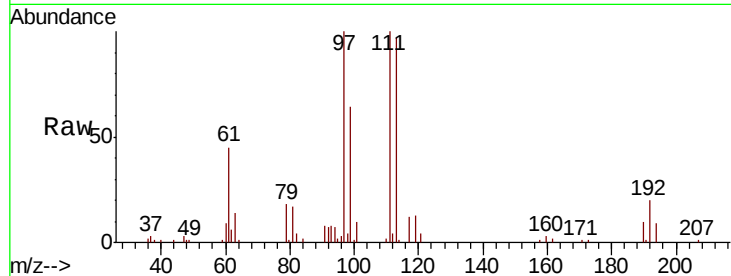




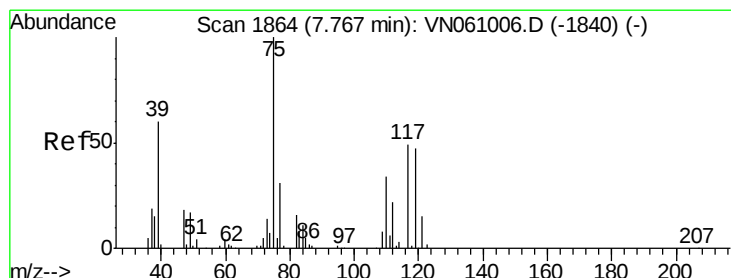
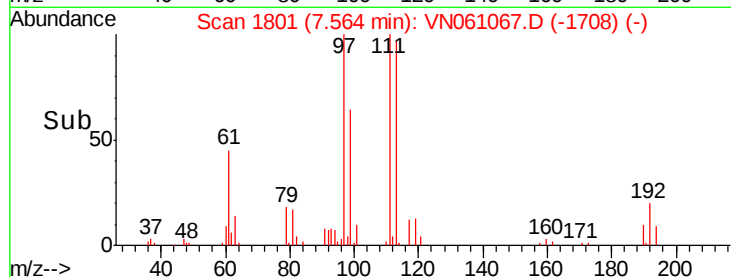
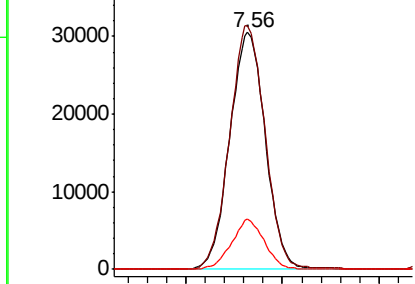
#35
 Dibromofluoromethane
 Concen: 50.566 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 77999
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.2
 192 19.5 15.5 23.3

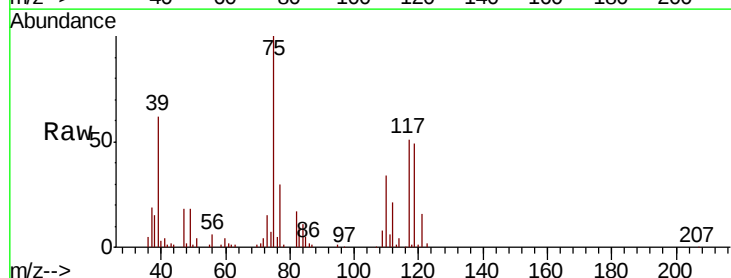


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

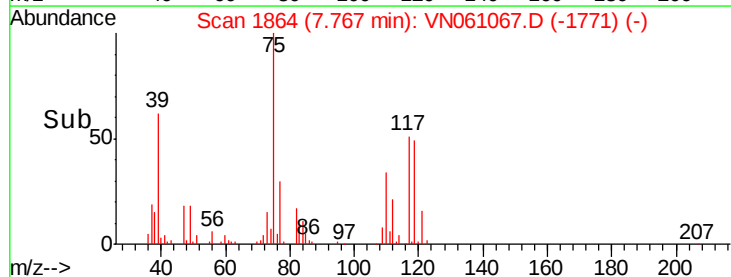
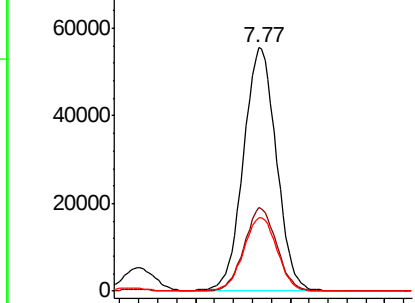


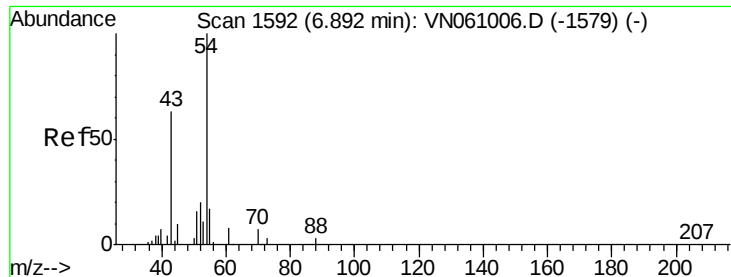
#36
 1,1-Dichloropropene
 Concen: 49.481 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 75 Resp: 134868
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.8 50.3
 77 30.7 24.7 37.1



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

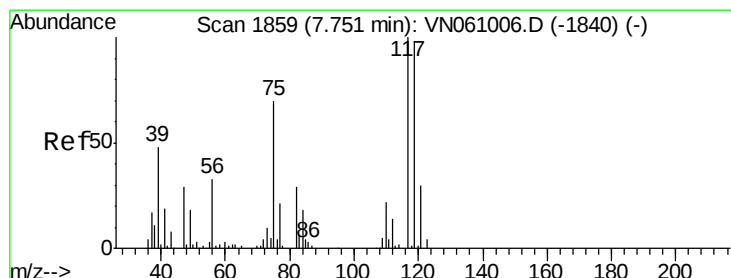
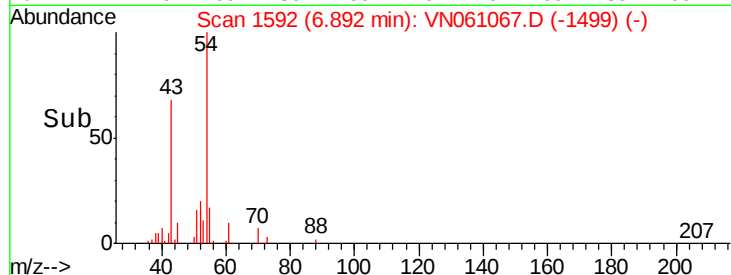
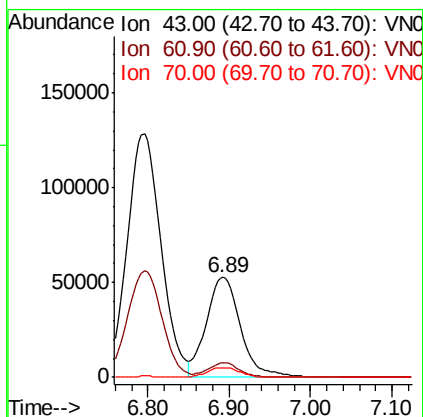
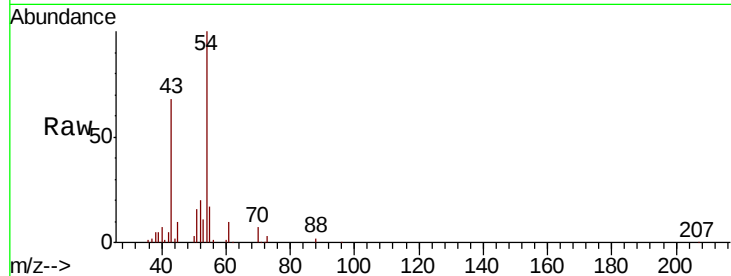




#37
 Ethyl Acetate
 Concen: 52.209 ug/l
 RT: 6.89 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

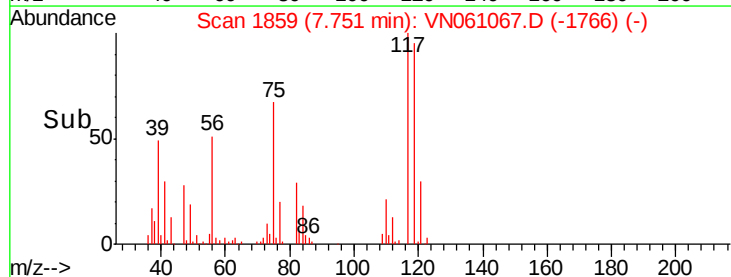
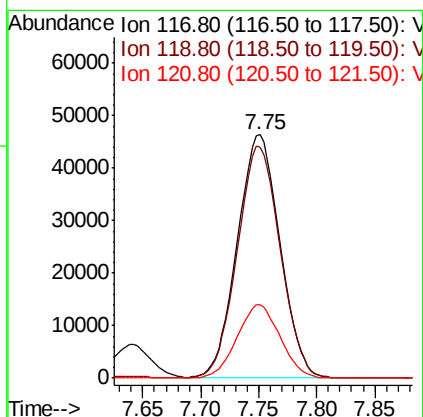
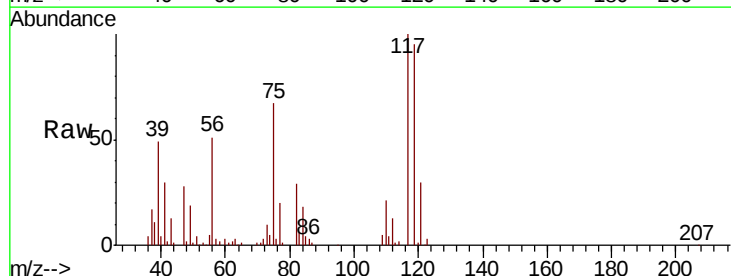
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

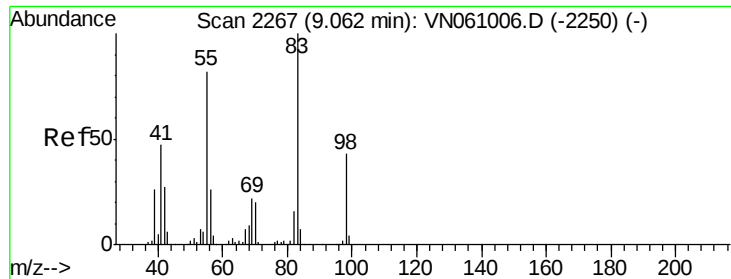
Tot Ion: 43 Resp: 154519
 Ion Ratio Lower Upper
 43 100
 61 13.6 10.9 16.3
 70 9.5 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 52.439 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 117 Resp: 118972
 Ion Ratio Lower Upper
 117 100
 119 94.9 78.1 117.1
 121 30.1 24.0 36.0

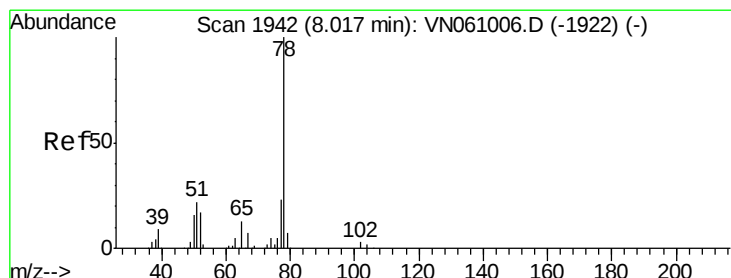
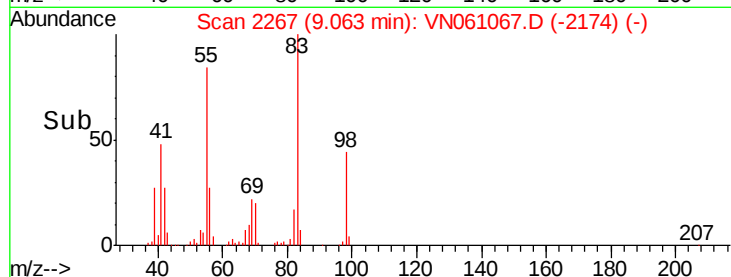
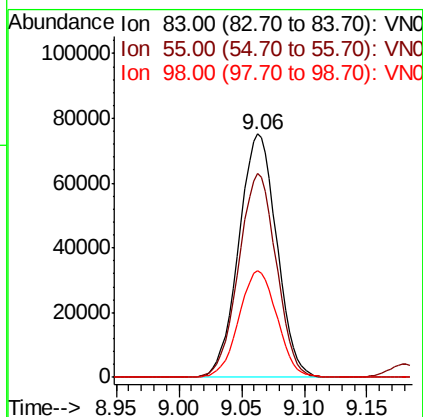
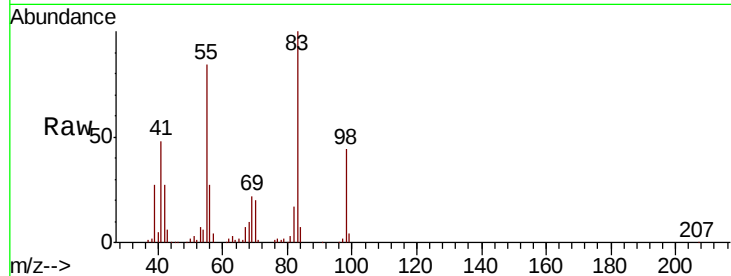




#39
Methvlcvclohexane
Concen: 48.554 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

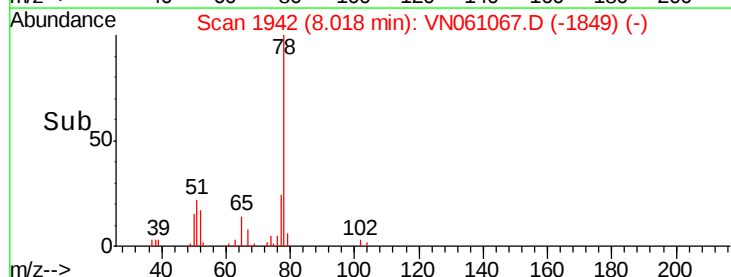
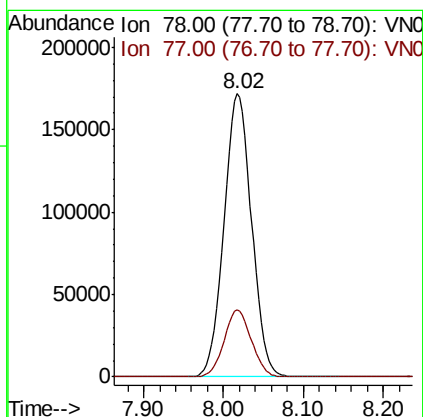
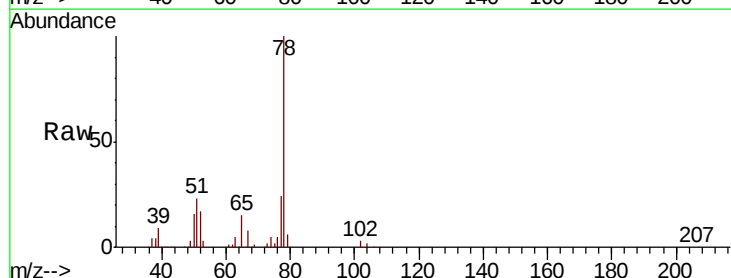
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

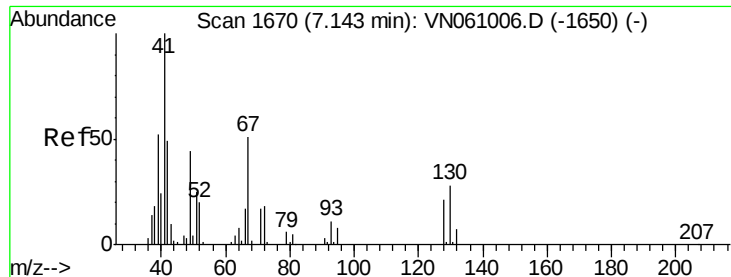
Tot Ion: 83 Resp: 158222
Ion Ratio Lower Upper
83 100
55 83.7 65.4 98.0
98 43.9 34.6 51.8



#40
Benzene
Concen: 50.036 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion: 78 Resp: 404601
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

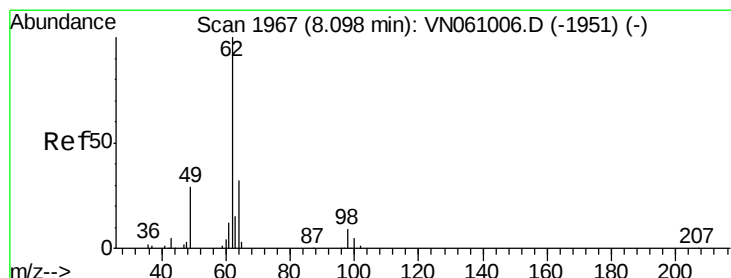
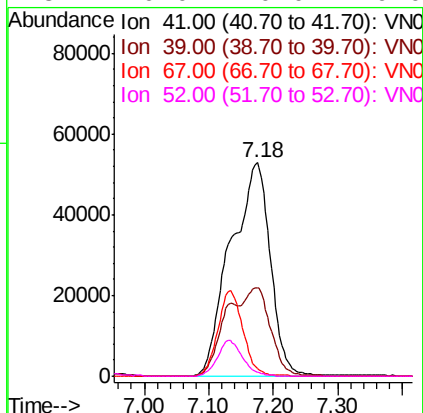
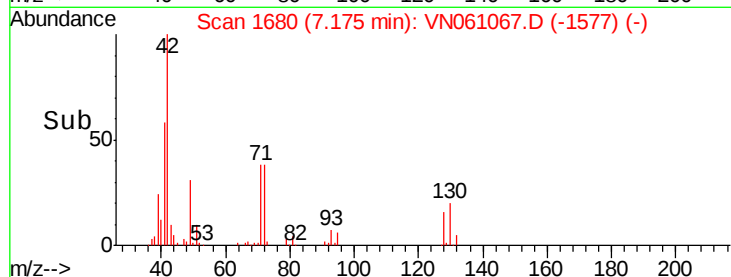
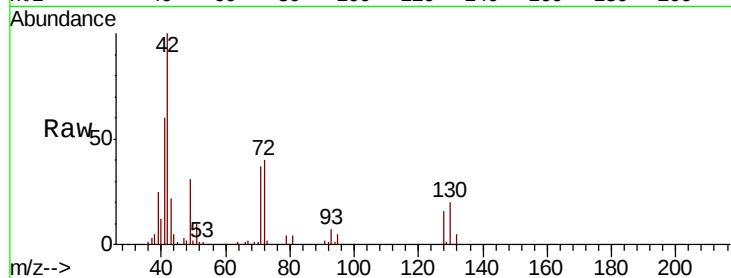




#41
Methacrylonitrile
Concen: 183.164 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

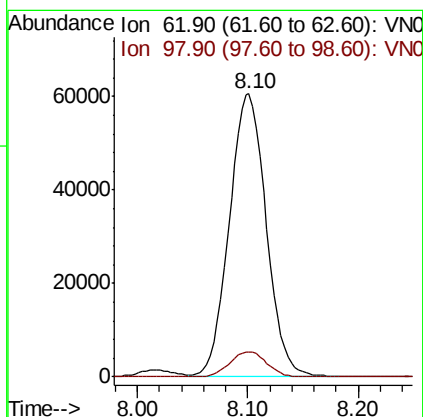
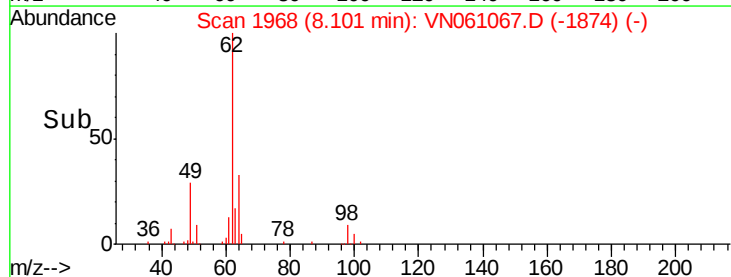
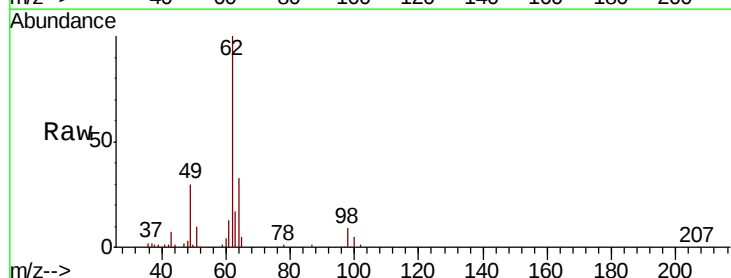
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

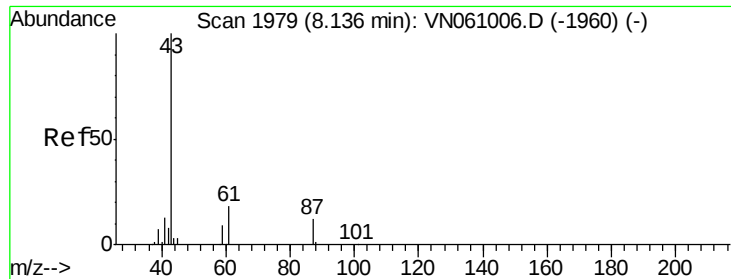
Tot Ion:	41	Resp:	226110
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 51.029 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion:	62	Resp:	140563
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.2





#43

Isopropyl Acetate

Concen: 52.755 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

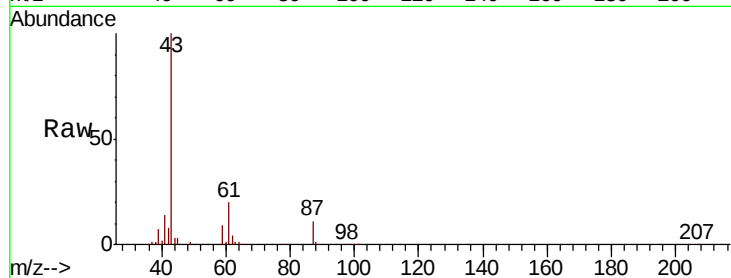
Tot Ion: 43 Resp: 253936

Ion Ratio Lower Upper

43 100

61 25.6 20.3 30.5

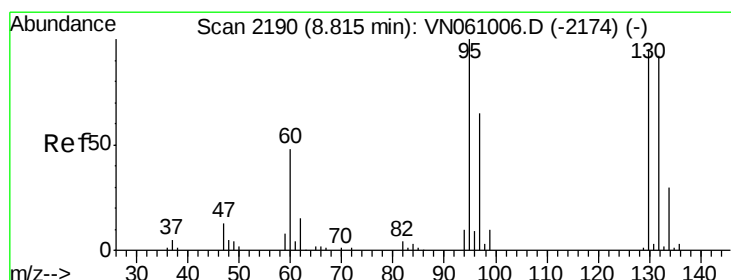
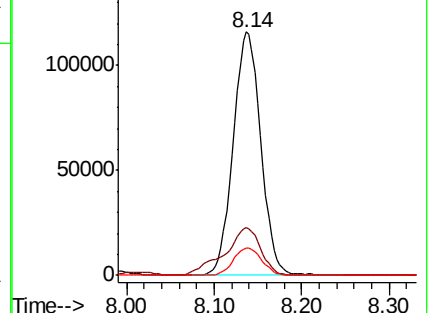
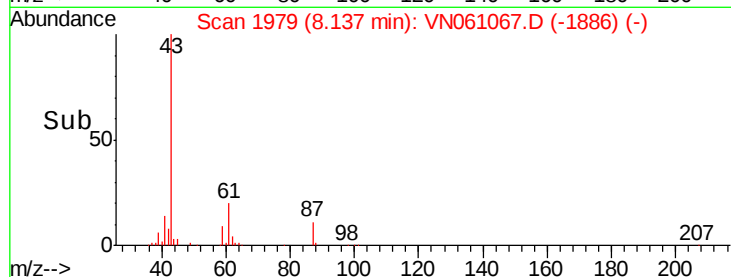
87 11.5 9.4 14.2



Abundance Ion 43.00 (42.70 to 43.70): VN061006.D (-1960) (-)

Ion 61.00 (60.70 to 61.70): VN061006.D (-1960) (-)

Ion 87.00 (86.70 to 87.70): VN061006.D (-1960) (-)



#44

Trichloroethene

Concen: 48.661 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN061067.D

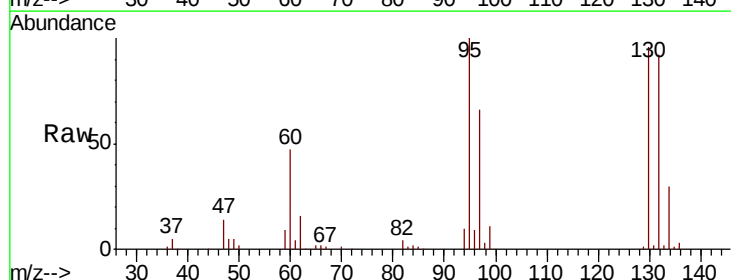
Acq: 17 Apr 2020 21:49

Tgt Ion: 130 Resp: 98870

Ion Ratio Lower Upper

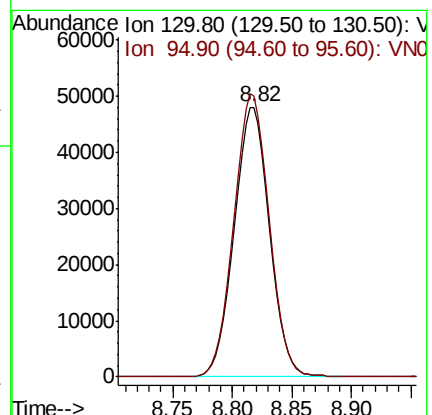
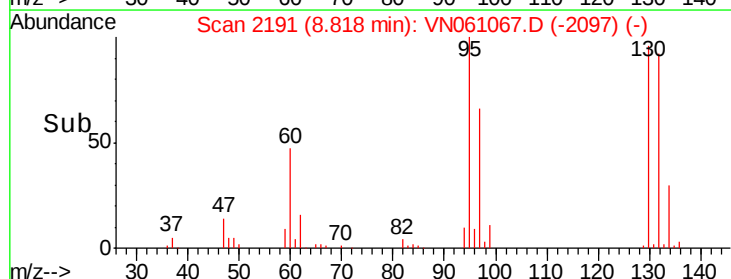
130 100

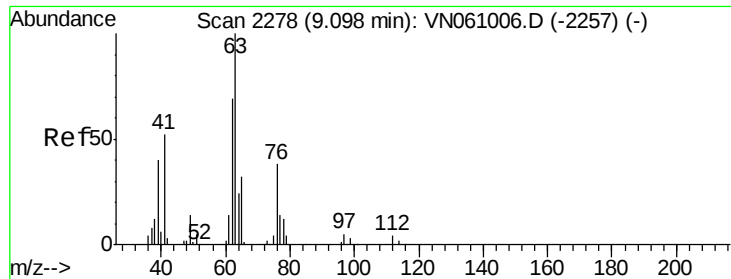
95 104.0 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): VN061006.D (-2174) (-)

Ion 94.90 (94.60 to 95.60): VN061006.D (-2174) (-)

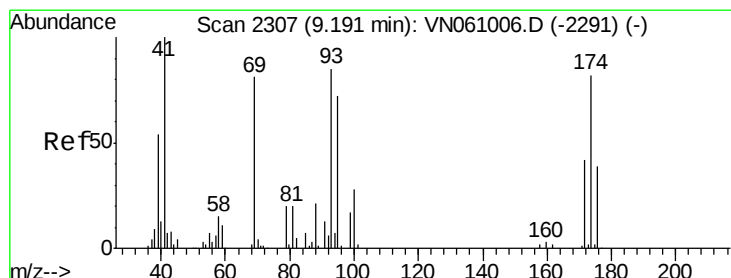
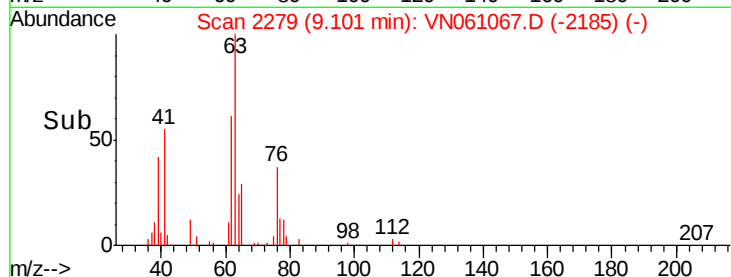
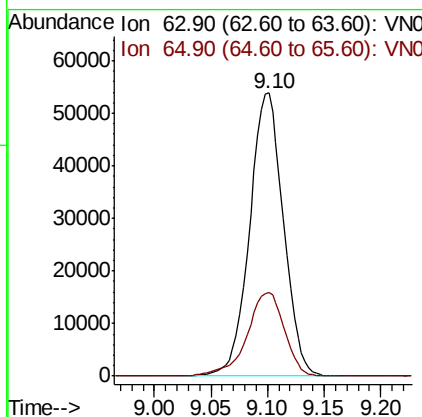
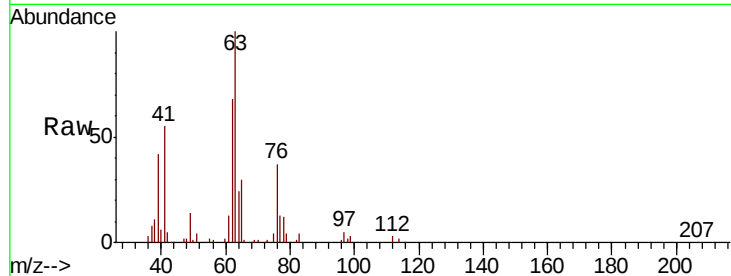




#45
 1,2-Dichloropropane
 Concen: 51.212 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

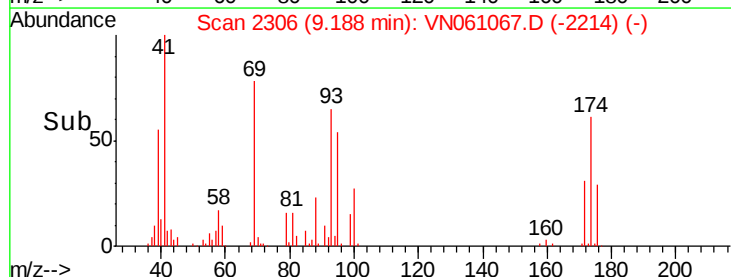
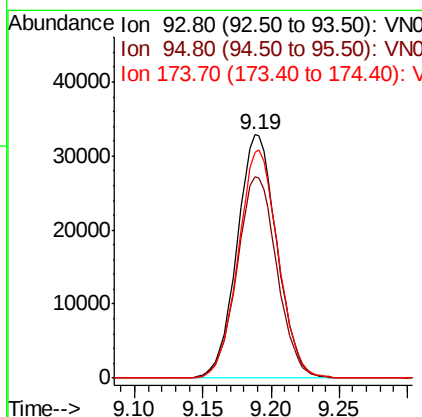
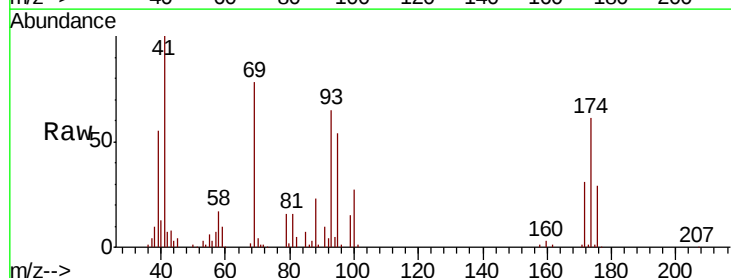
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 111851
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.2 37.8



#46
 Dibromomethane
 Concen: 52.900 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 93 Resp: 66615
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.8 100.2
 174 93.6 76.2 114.4

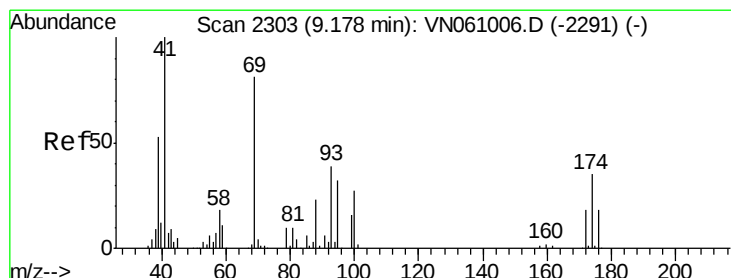
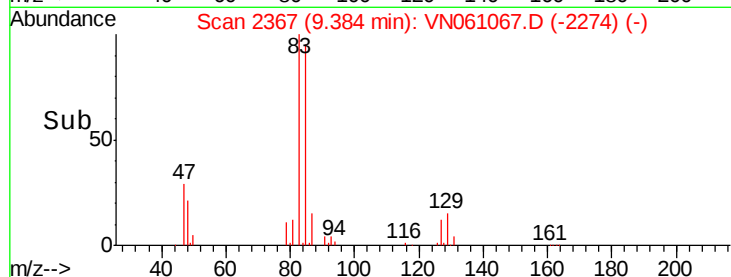
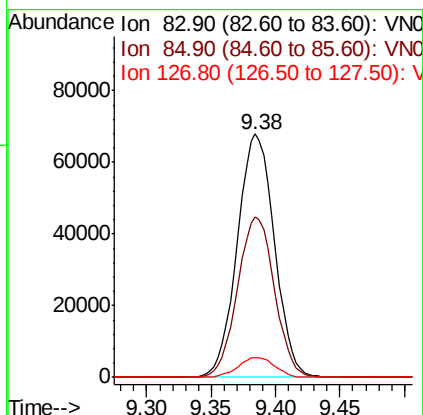
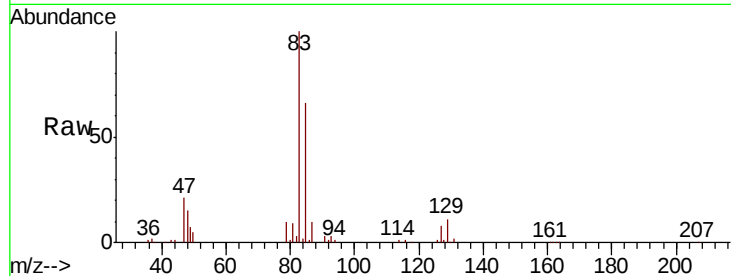




#47
 Bromodichloromethane
 Concen: 51.230 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

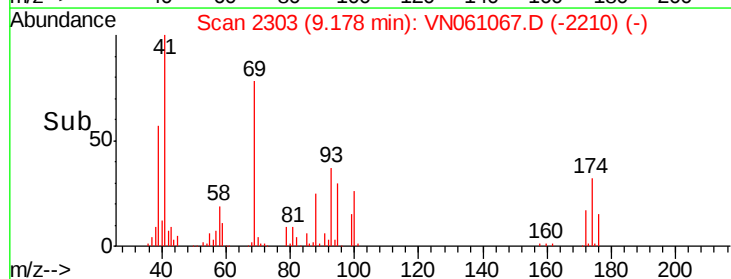
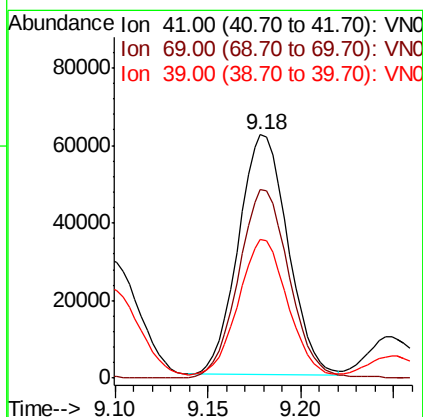
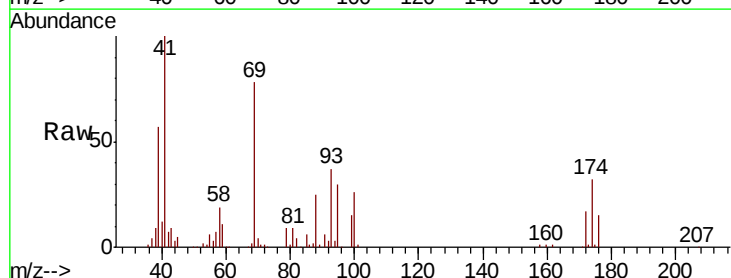
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

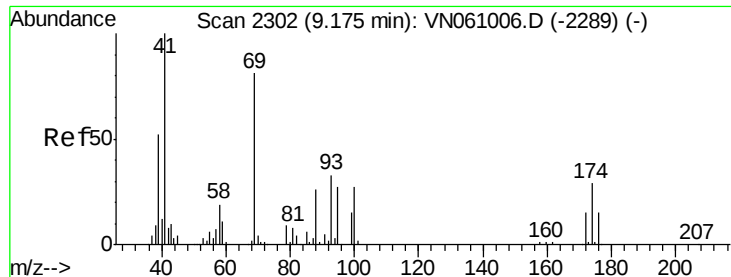
Tot Ion: 83 Resp: 136283
 Ion Ratio Lower Upper
 83 100
 85 66.0 50.6 76.0
 127 8.1 6.1 9.1



#48
 Methyl methacrylate
 Concen: 54.353 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 41 Resp: 115618
 Ion Ratio Lower Upper
 41 100
 69 80.3 65.3 97.9
 39 55.5 45.2 67.8

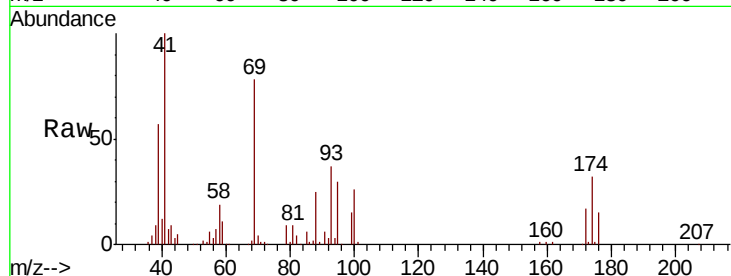




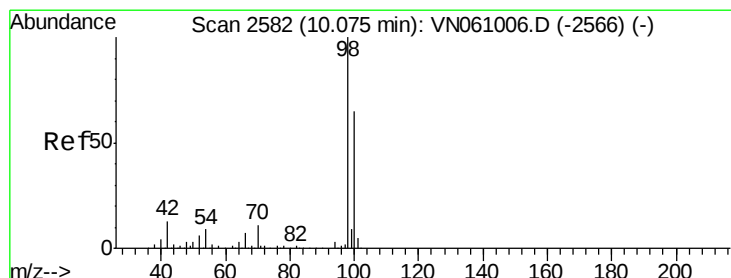
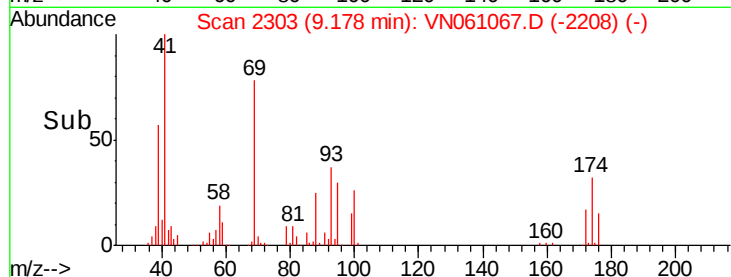
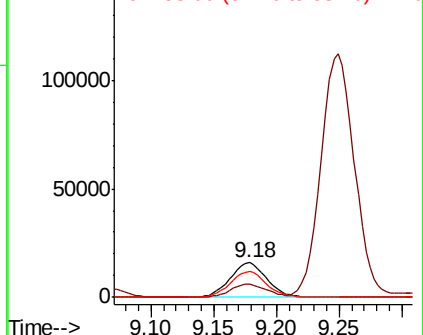
#49
 1,4-Dioxane
 Concen: 1101.970 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 32590
 Ion Ratio Lower Upper
 88 100
 43 37.2 30.9 46.3
 58 73.8 59.8 89.8

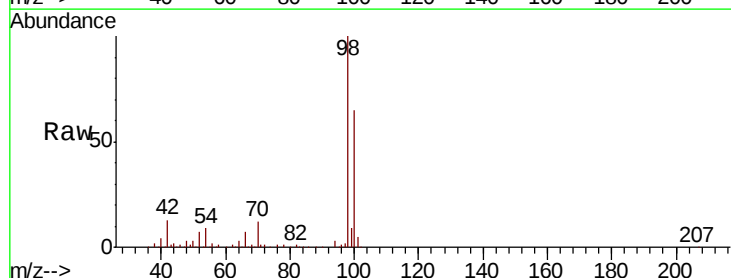


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

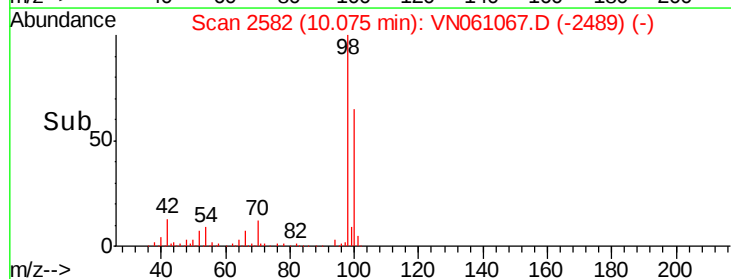
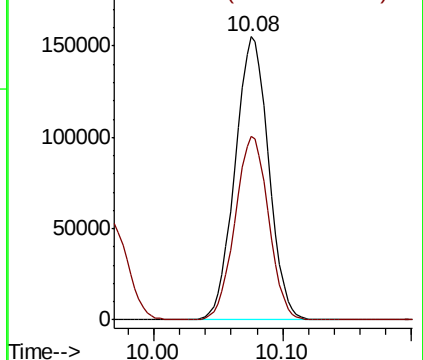


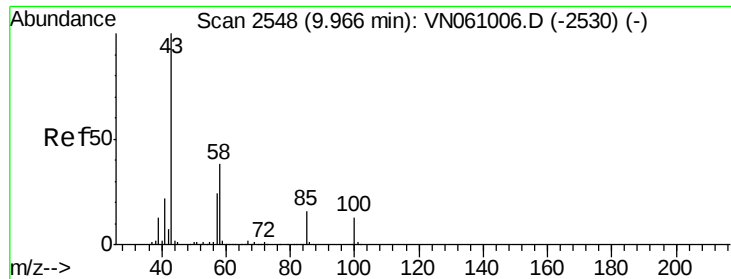
#50
 Toluene-d8
 Concen: 48.140 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 98 Resp: 280603
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 276.491 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

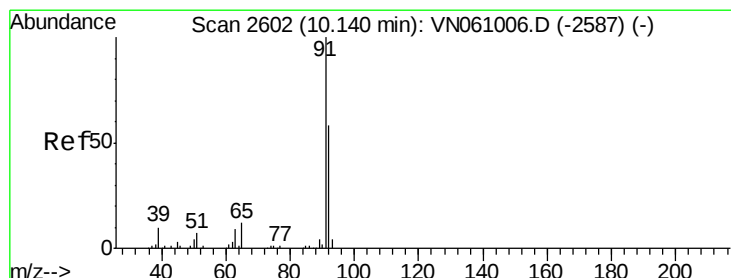
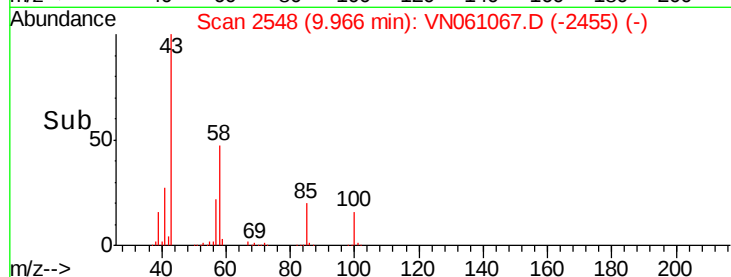
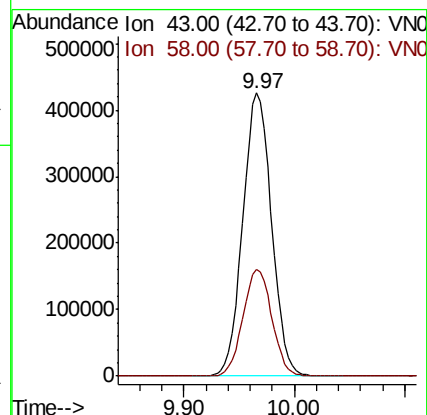
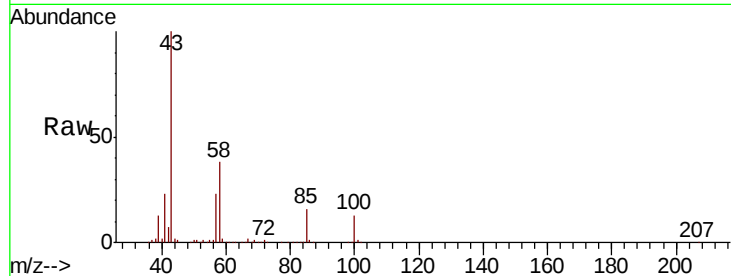
VSTDCCC050

Tot Ion: 43 Resp: 767210

Ion Ratio Lower Upper

43 100

58 37.9 30.3 45.5



#52

Toluene

Concen: 50.054 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. 0.00 min

Lab File: VN061067.D

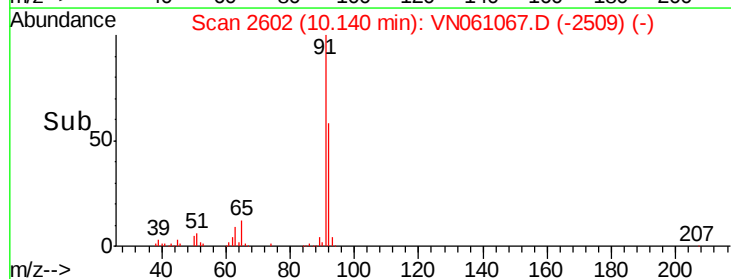
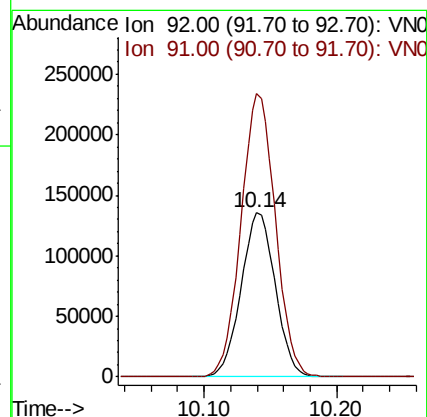
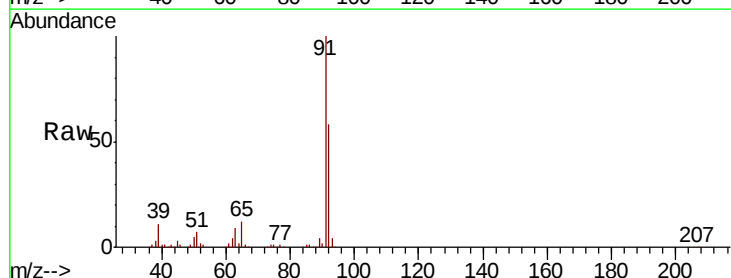
Acq: 17 Apr 2020 21:49

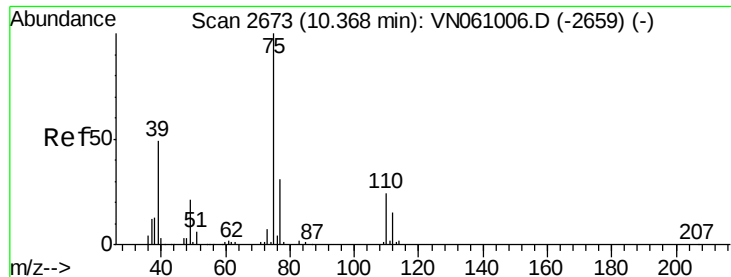
Tgt Ion: 92 Resp: 242812

Ion Ratio Lower Upper

92 100

91 173.4 137.7 206.5





#53

t-1,3-Dichloropropene

Concen: 50.506 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

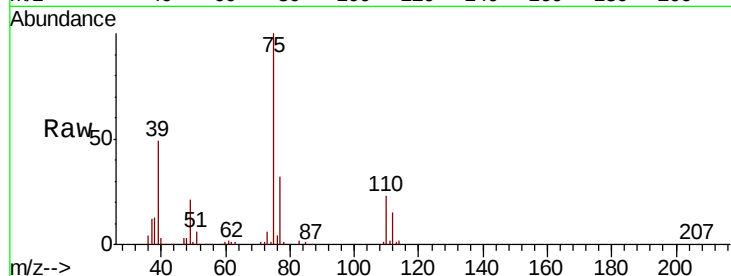
VSTDCCC050

Tot Ion: 75 Resp: 156066

Ion Ratio Lower Upper

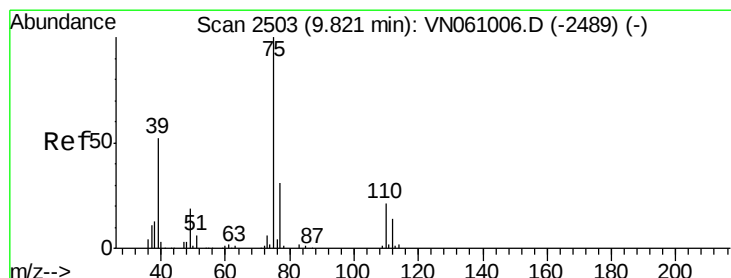
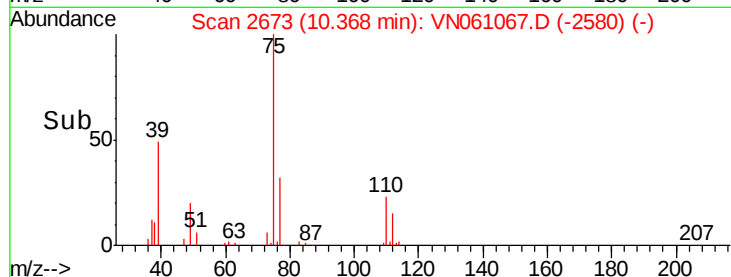
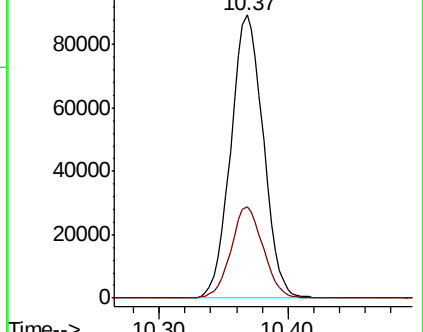
75 100

77 32.3 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-2659) (-)

Ion 76.90 (76.60 to 77.60): VN061006.D (-2659) (-)



#54

cis-1,3-Dichloropropene

Concen: 49.908 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

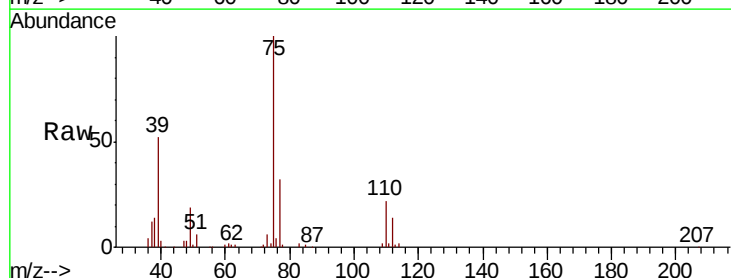
Tgt Ion: 75 Resp: 168268

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

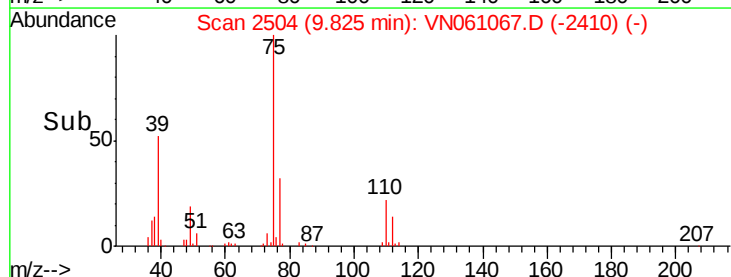
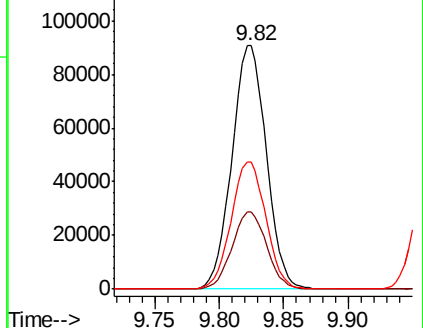
39 52.1 41.4 62.2

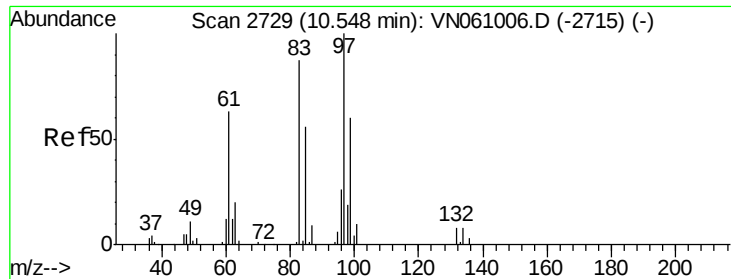


Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-2489) (-)

Ion 76.90 (76.60 to 77.60): VN061006.D (-2489) (-)

Ion 39.00 (38.70 to 39.70): VN061006.D (-2489) (-)

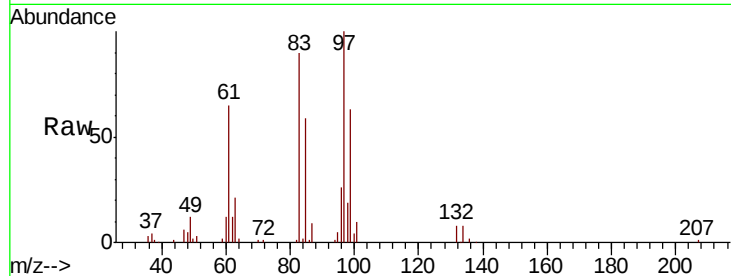




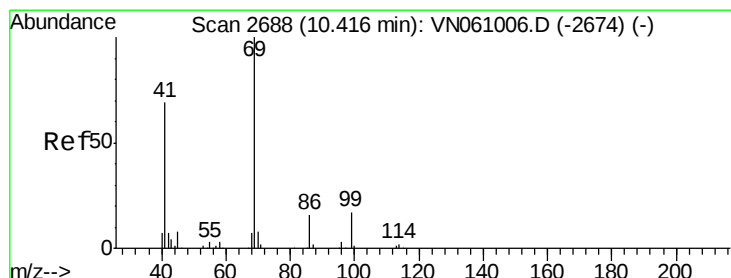
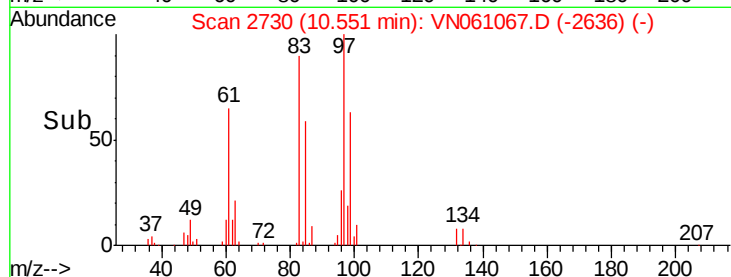
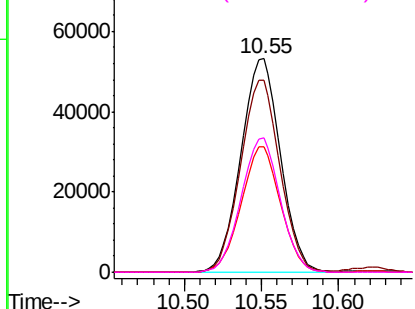
#55
 1,1,2-Trichloroethane
 Concen: 51.646 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 94810
 Ion Ratio Lower Upper
 97 100
 83 89.8 69.5 104.3
 85 59.0 45.0 67.4
 99 62.9 47.9 71.9

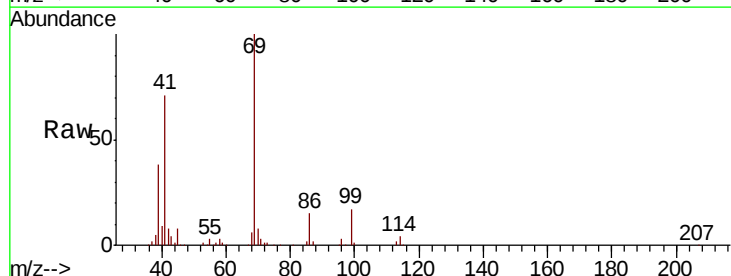


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

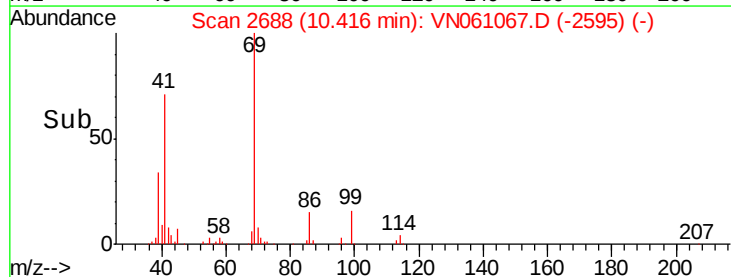
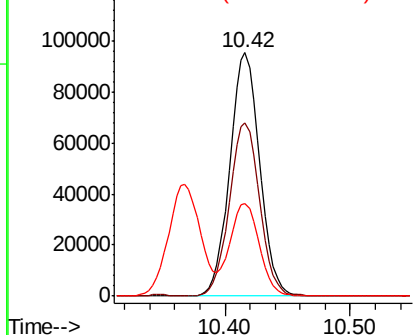


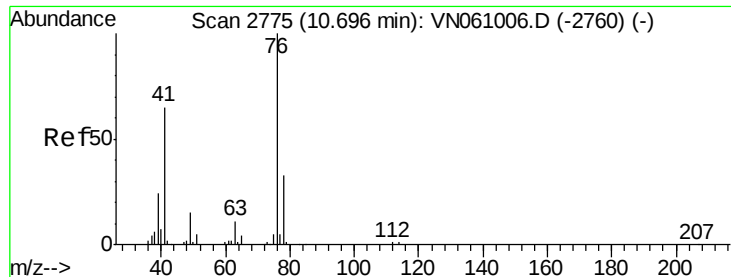
#56
 Ethyl methacrylate
 Concen: 54.657 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 69 Resp: 157779
 Ion Ratio Lower Upper
 69 100
 41 71.4 56.7 85.1
 39 37.5 29.4 44.0



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0

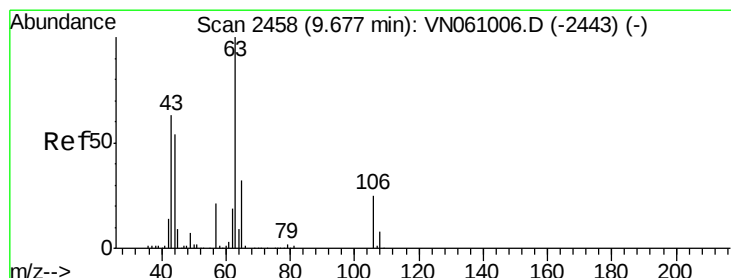
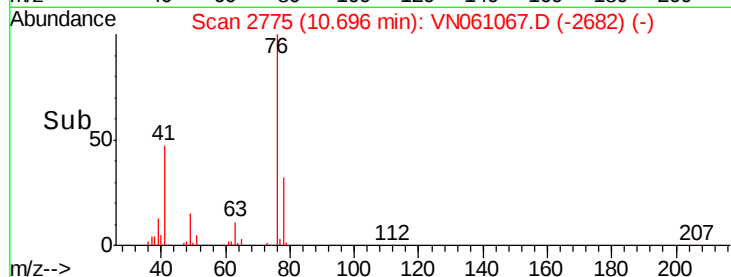
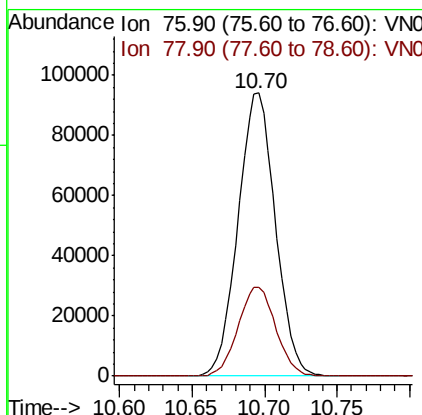
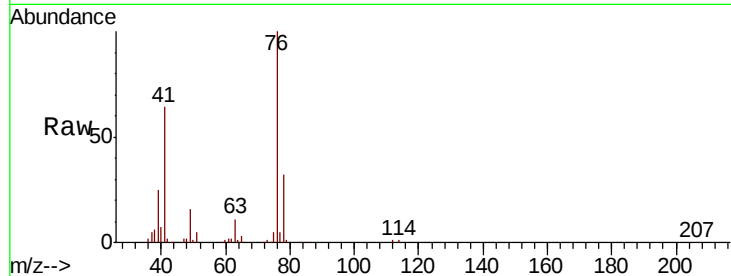




#57
 1,3-Dichloropropane
 Concen: 51.364 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

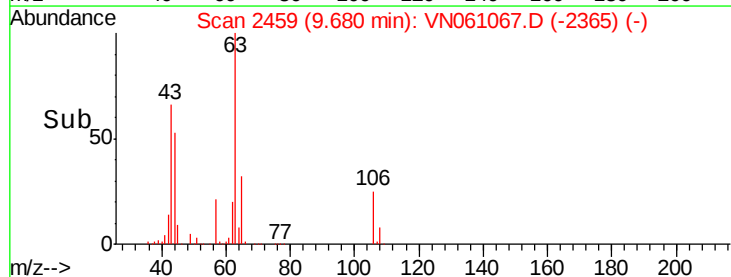
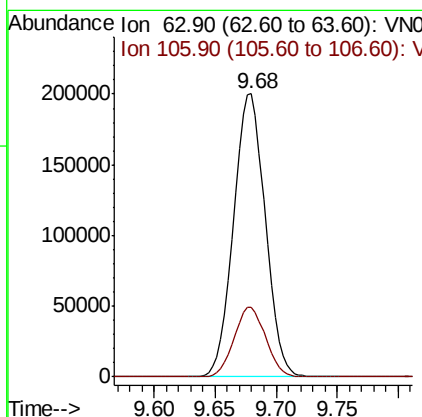
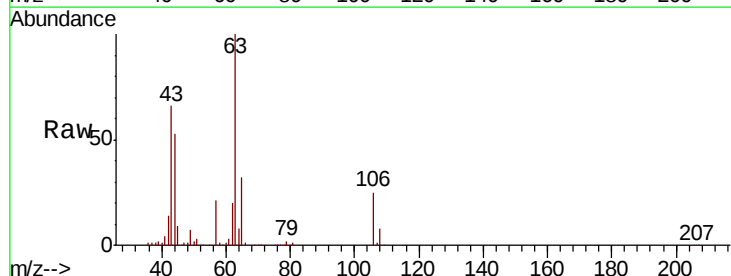
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

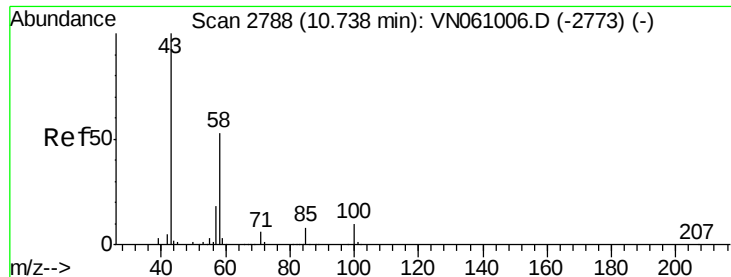
Tot Ion: 76 Resp: 168190
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.077 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 63 Resp: 360824
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.5 29.3

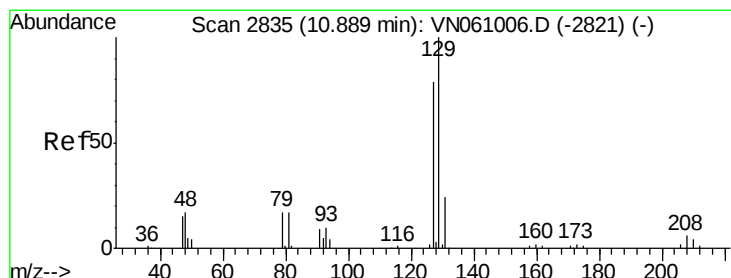
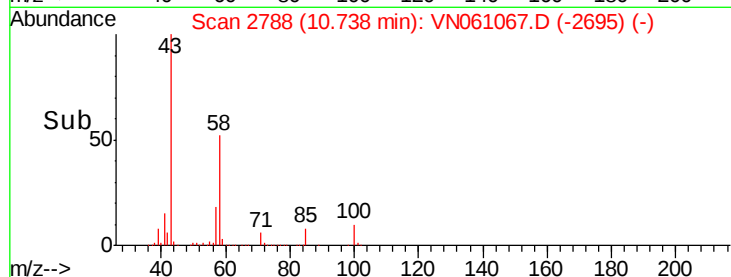
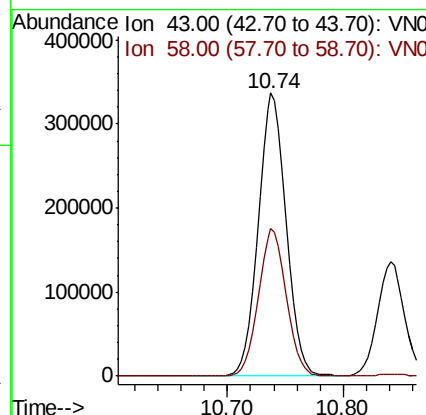
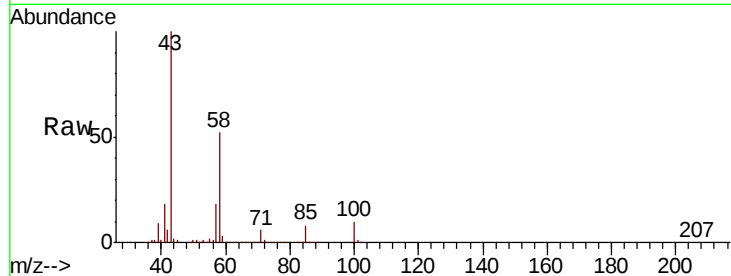




#59
2-Hexanone
Concen: 281.761 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

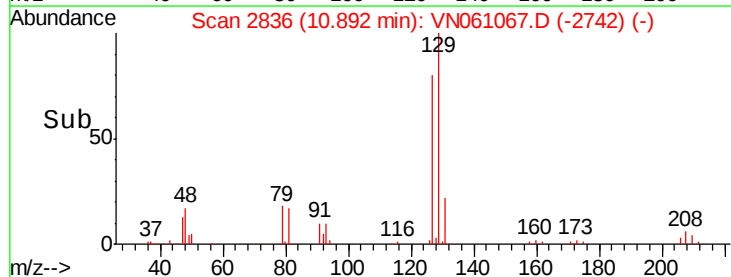
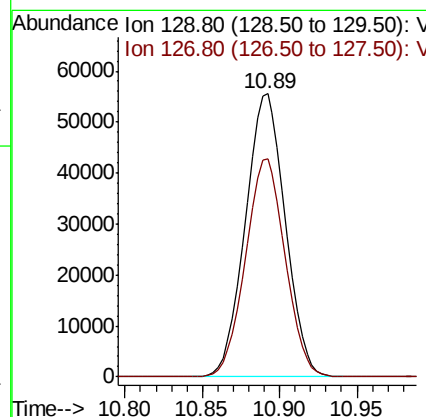
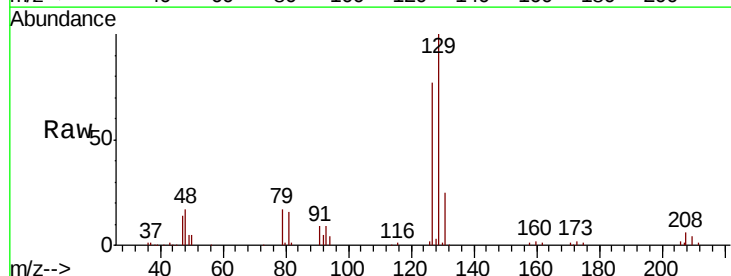
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

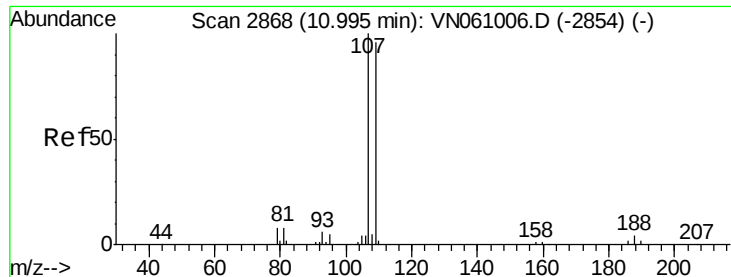
Tot Ion: 43 Resp: 563843
Ion Ratio Lower Upper
43 100
58 52.0 26.4 79.0



#60
Dibromochloromethane
Concen: 53.023 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion: 129 Resp: 99991
Ion Ratio Lower Upper
129 100
127 76.5 39.0 116.9

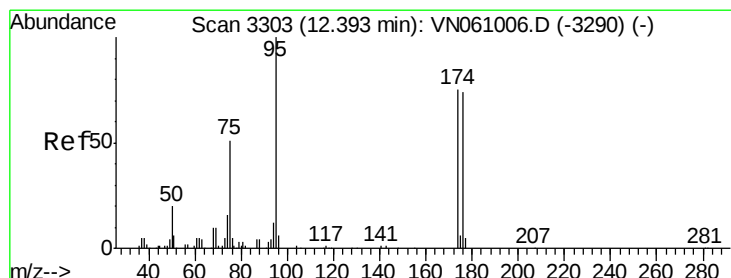
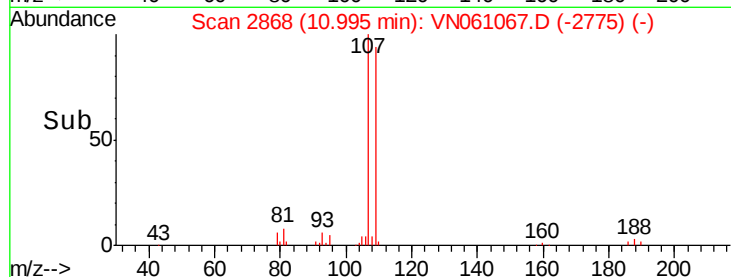
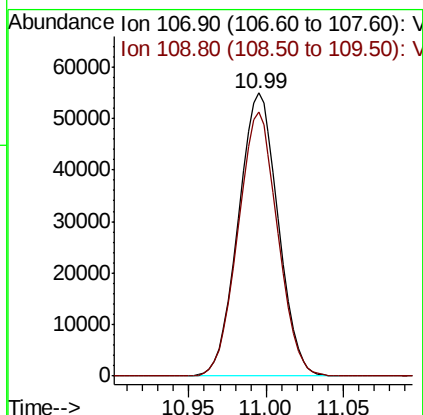
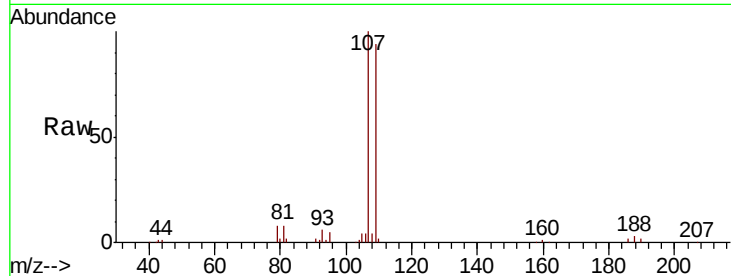




#61
 1,2-Dibromoethane
 Concen: 52.511 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

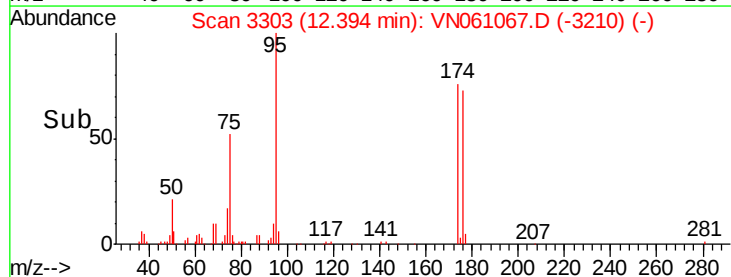
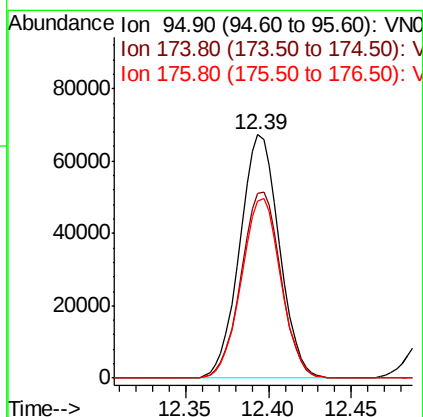
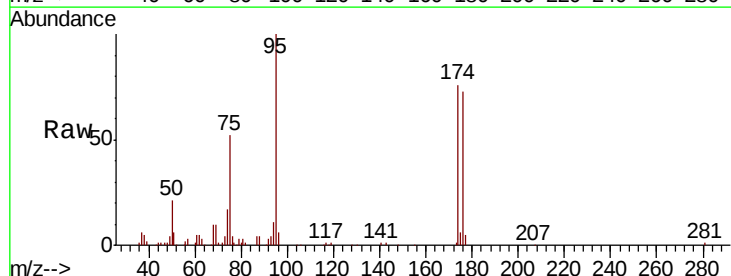
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

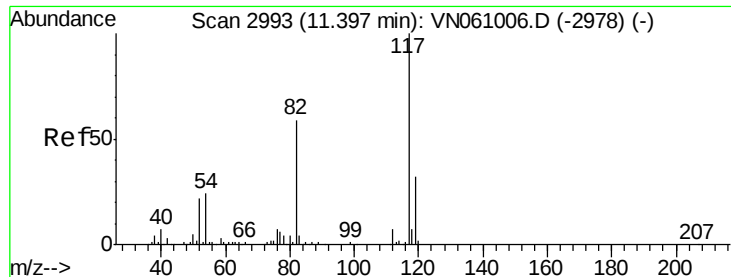
Tot Ion:107 Resp: 98228
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 48.729 ug/l
 RT: 12.39 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 95 Resp: 111322
 Ion Ratio Lower Upper
 95 100
 174 76.7 0.0 151.2
 176 73.8 0.0 148.2

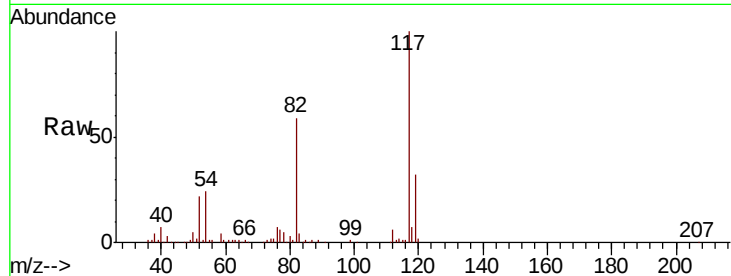




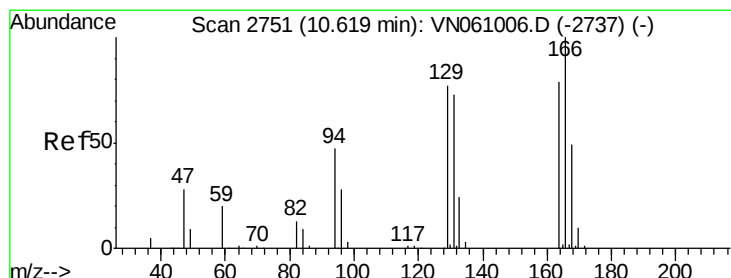
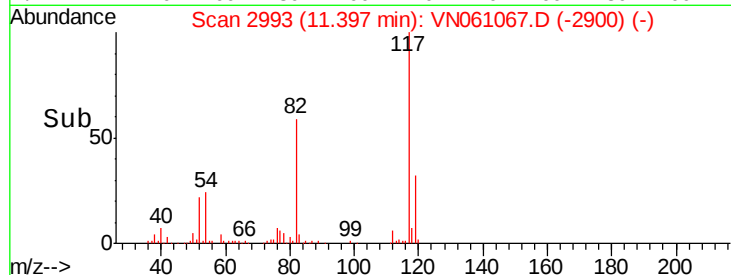
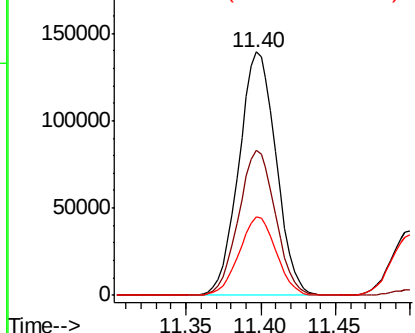
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 241334
Ion Ratio Lower Upper
117 100
82 59.5 47.1 70.7
119 32.1 25.7 38.5

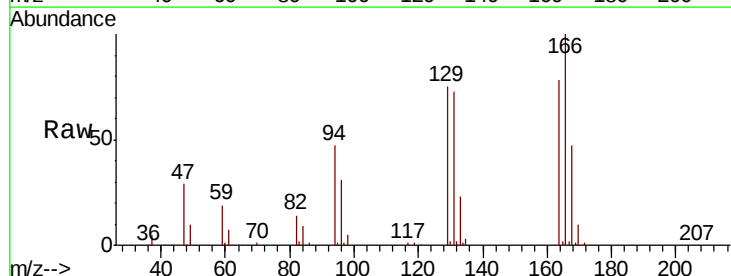


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

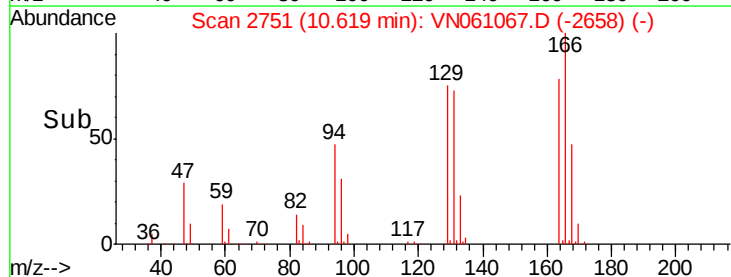
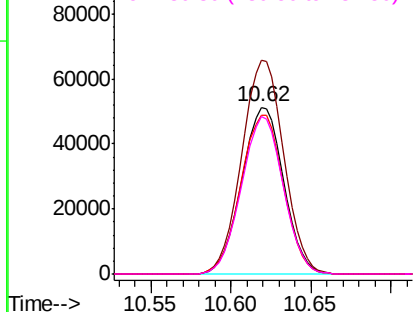


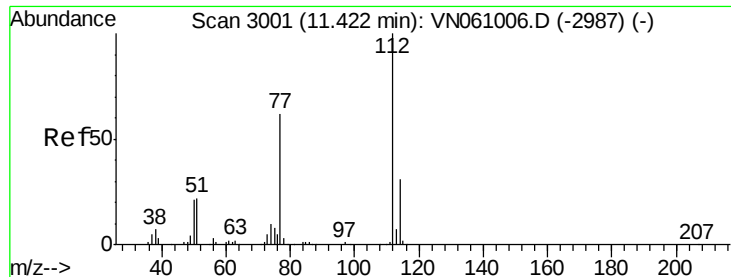
#64
Tetrachloroethene
Concen: 49.749 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion:164 Resp: 91872
Ion Ratio Lower Upper
164 100
166 128.1 101.6 152.4
129 95.4 78.5 117.7
131 94.1 74.3 111.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

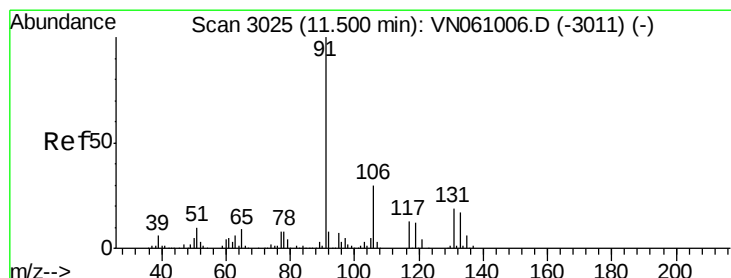
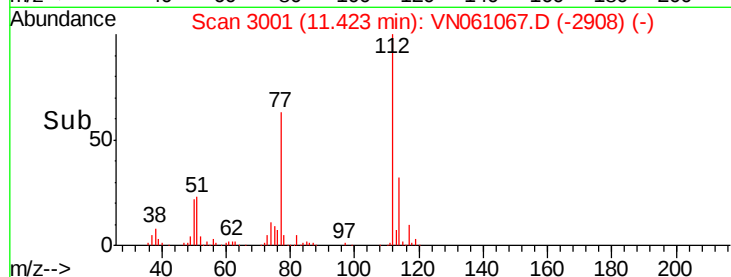
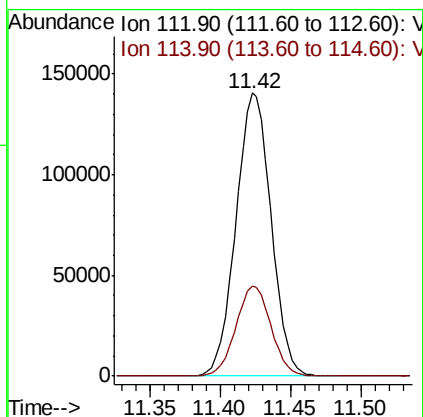
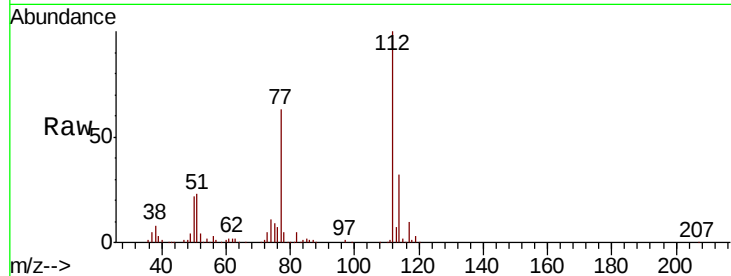




#65
Chlorobenzene
Concen: 49.229 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

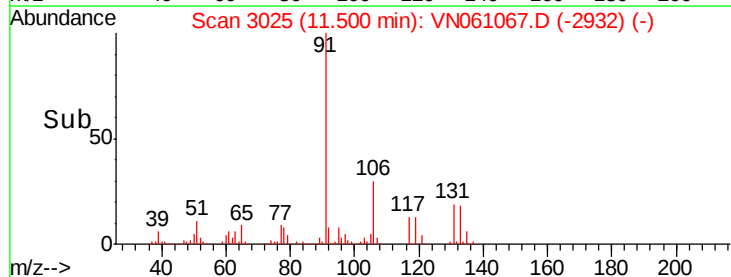
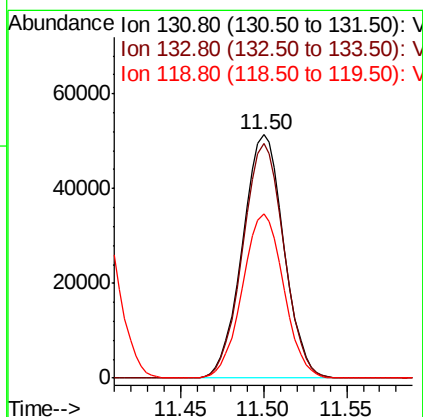
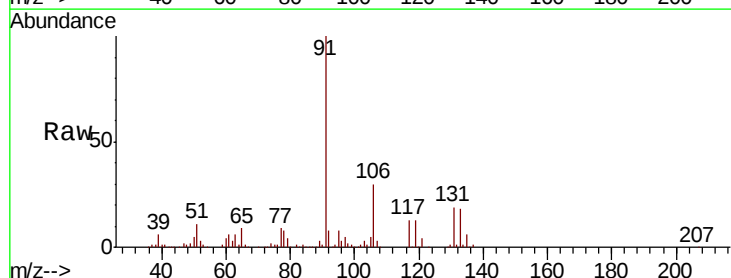
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

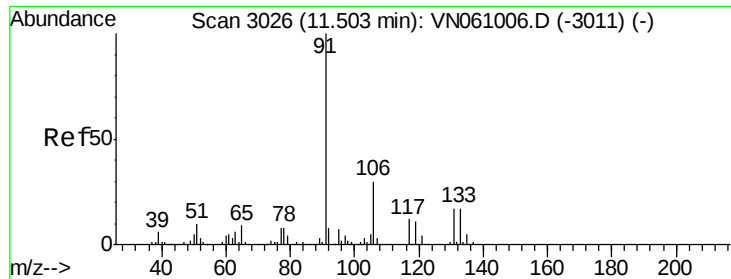
Tot Ion:112 Resp: 245262
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 50.225 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion:131 Resp: 89521
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.8
119 67.1 33.3 99.8

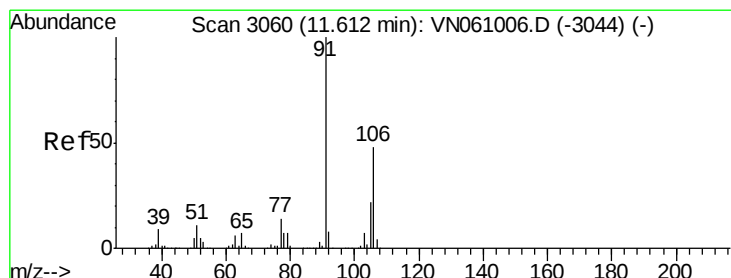
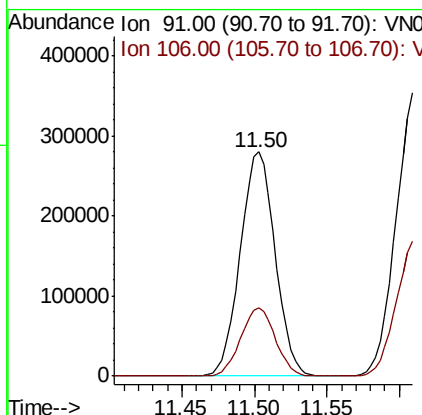
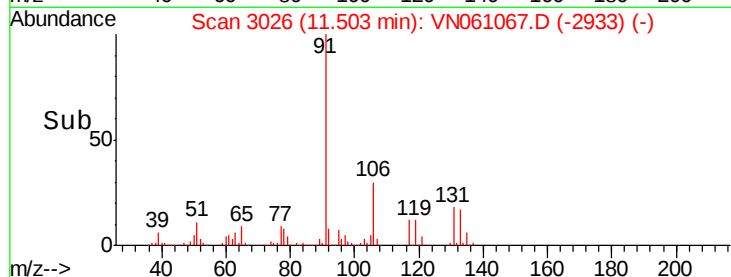
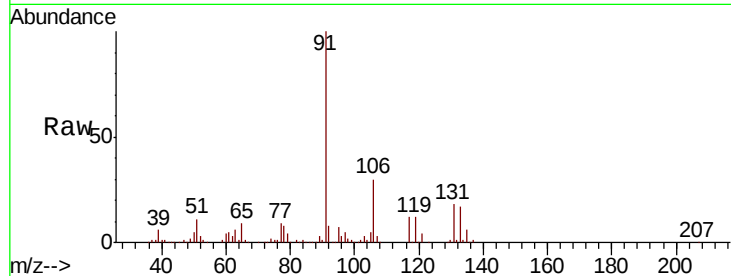




#67
Ethyl Benzene
Concen: 50.014 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

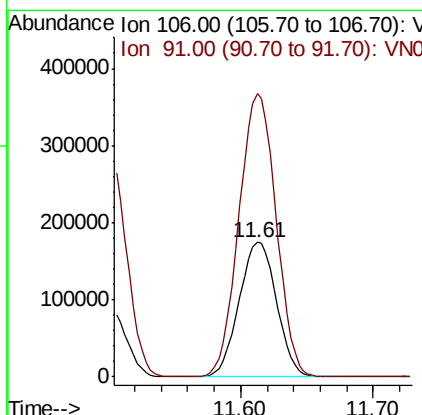
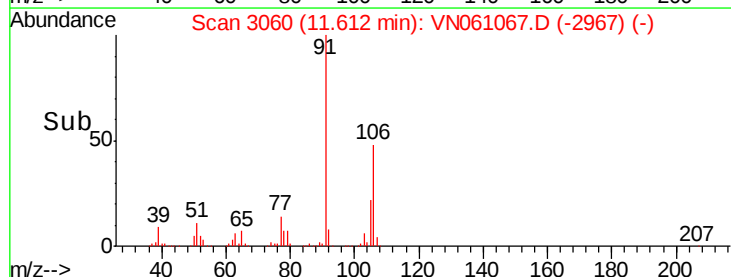
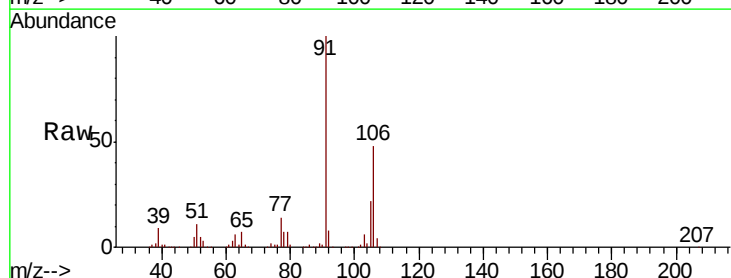
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

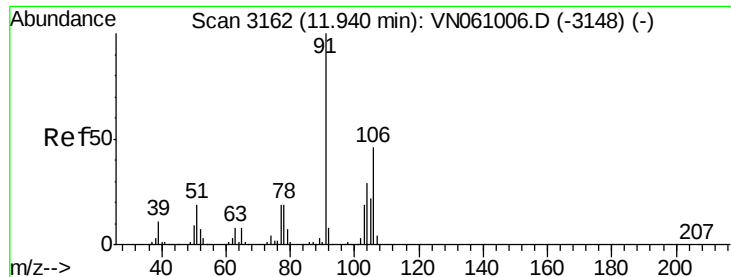
Tot Ion: 91 Resp: 468703
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#68
m/p-Xylenes
Concen: 100.839 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion: 106 Resp: 341523
Ion Ratio Lower Upper
106 100
91 209.0 167.9 251.9

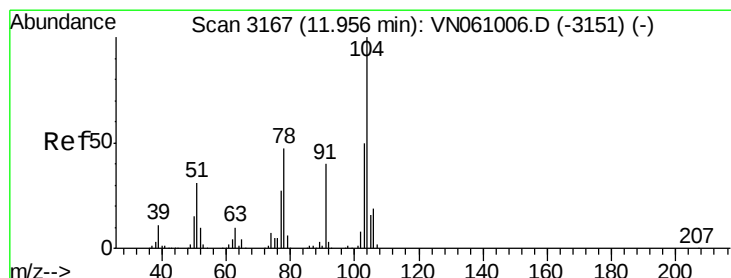
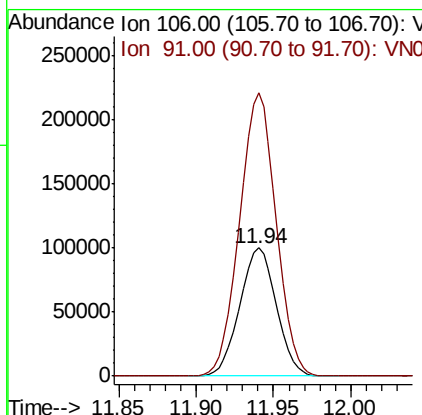
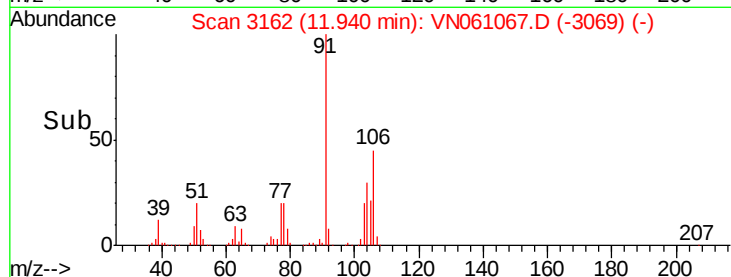
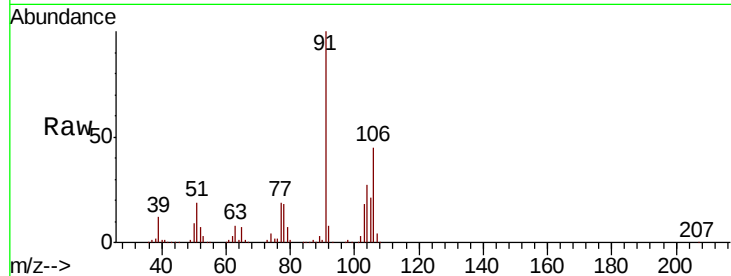




#69
o-Xylene
Concen: 50.560 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

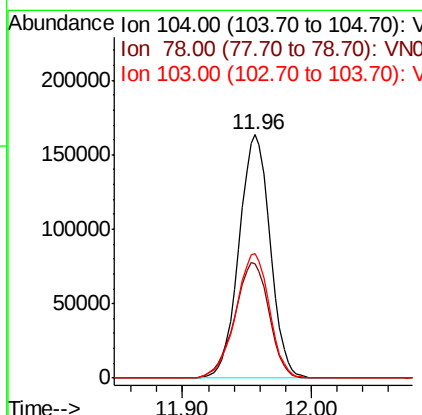
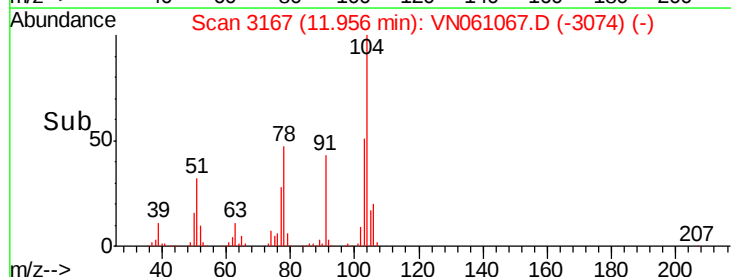
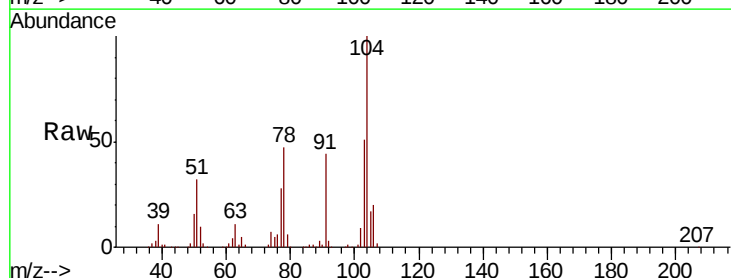
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

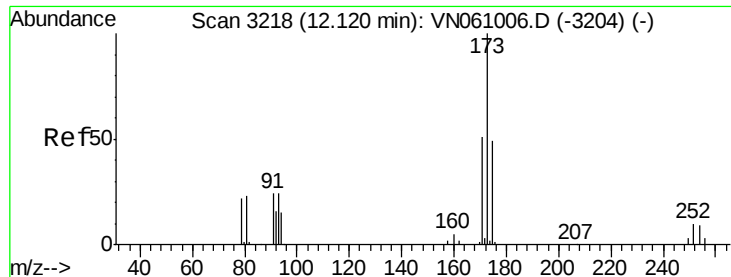
Tot Ion:106 Resp: 164640
Ion Ratio Lower Upper
106 100
91 220.2 110.7 332.1



#70
Styrene
Concen: 52.366 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion:104 Resp: 274525
Ion Ratio Lower Upper
104 100
78 52.6 42.2 63.4
103 55.4 44.4 66.6





#71

Bromoform

Concen: 53.389 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

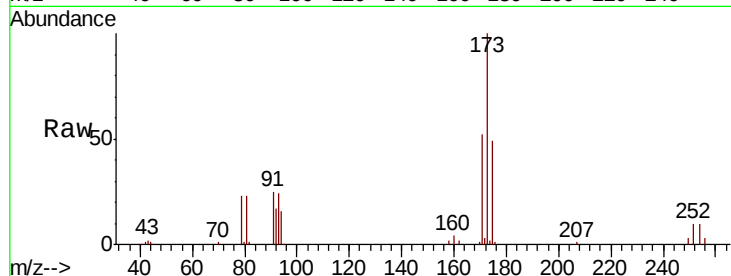
Tot Ion:173 Resp: 71032

Ion Ratio Lower Upper

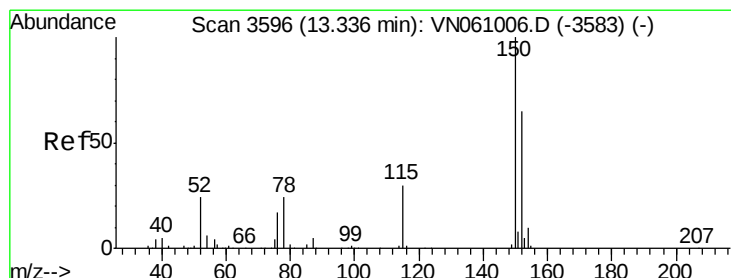
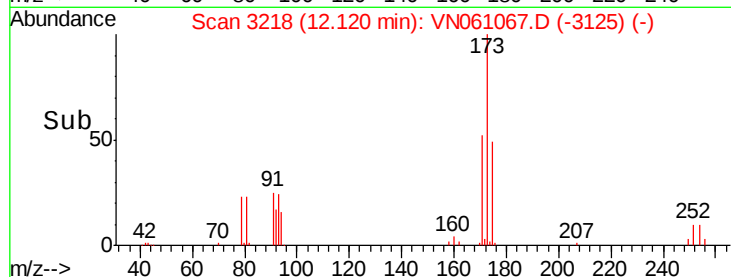
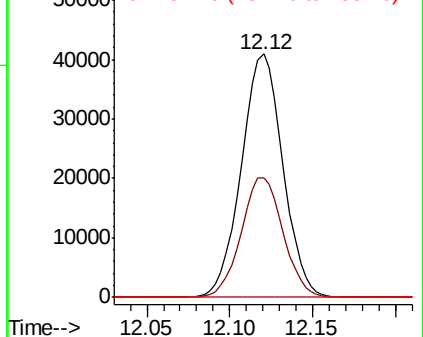
173 100

175 49.5 24.5 73.5

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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

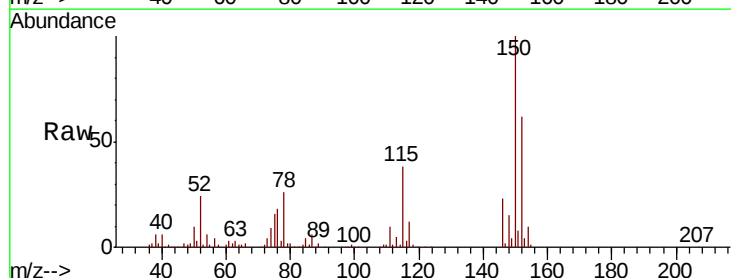
Tgt Ion:152 Resp: 112864

Ion Ratio Lower Upper

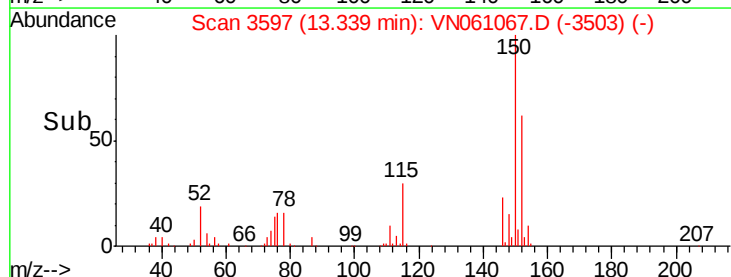
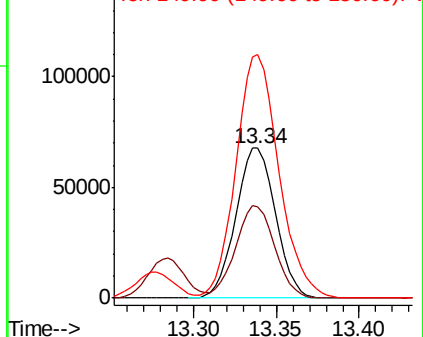
152 100

115 61.0 30.8 92.4

150 175.7 0.0 349.0



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: 49.155 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

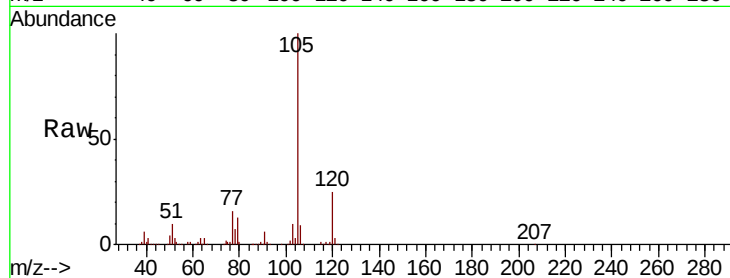
VSTDCCC050

Tot Ion:105 Resp: 444464

Ion Ratio Lower Upper

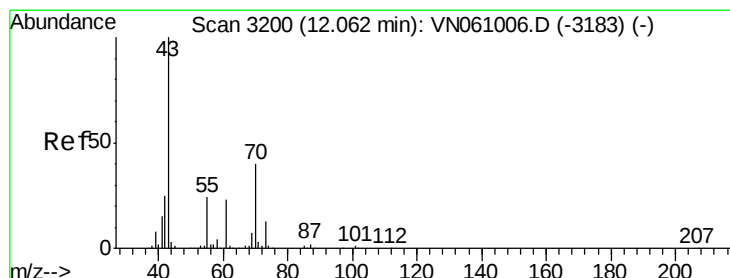
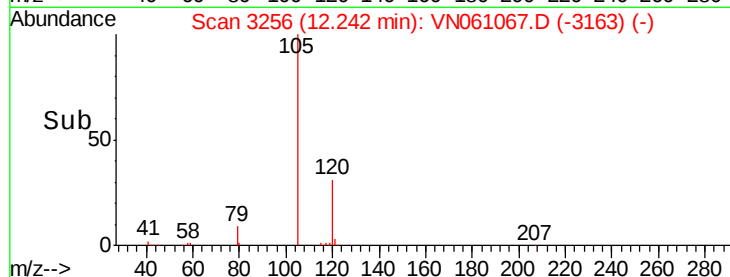
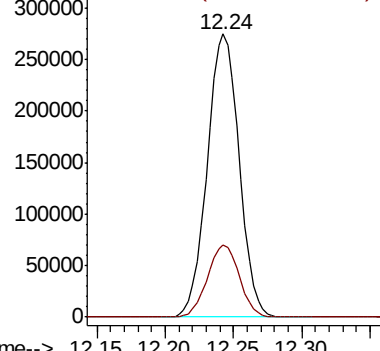
105 100

120 25.5 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.880 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Tgt Ion: 43 Resp: 213942

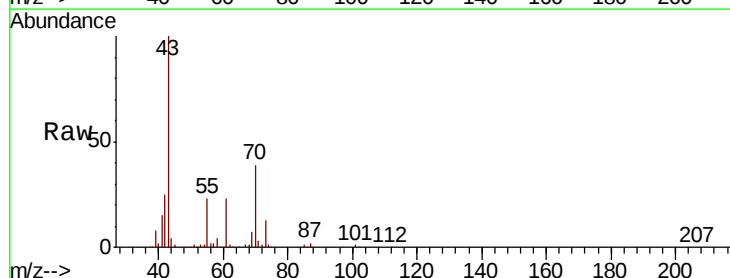
Ion Ratio Lower Upper

43 100

70 38.3 31.0 46.6

55 23.1 18.6 27.8

61 22.8 18.2 27.4

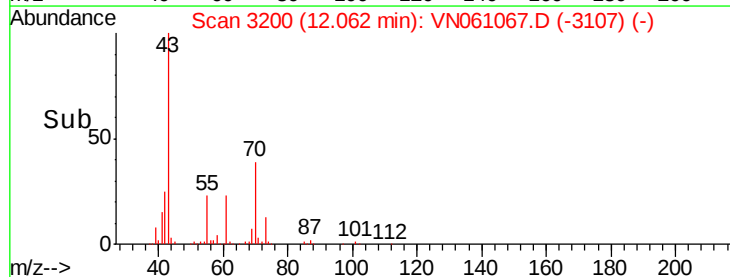
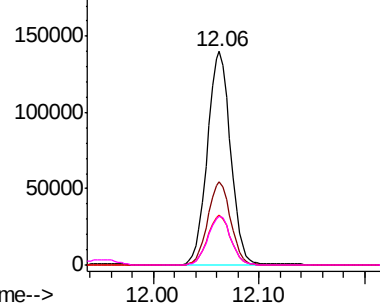


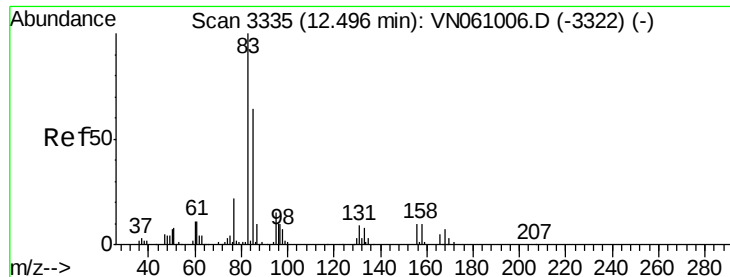
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 51.983 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

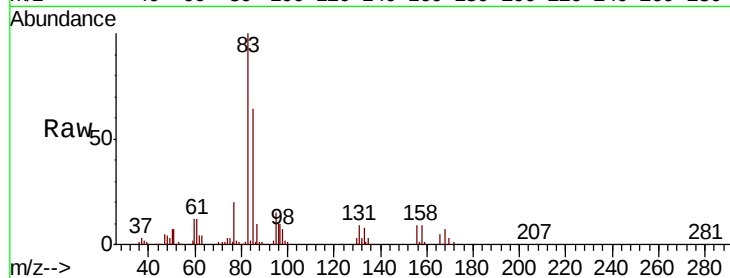
Tot Ion: 83 Resp: 143482

Ion Ratio Lower Upper

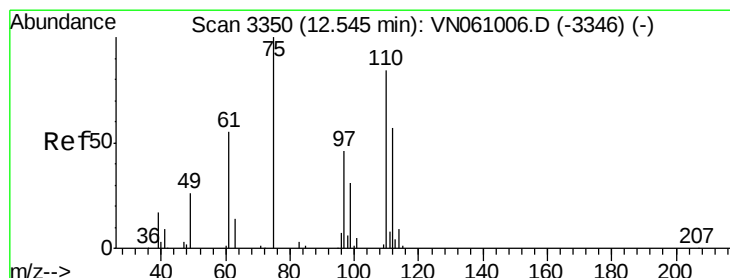
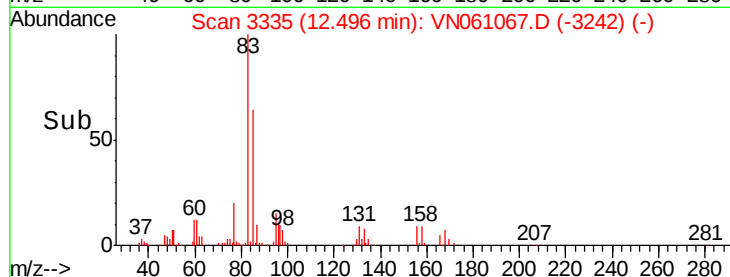
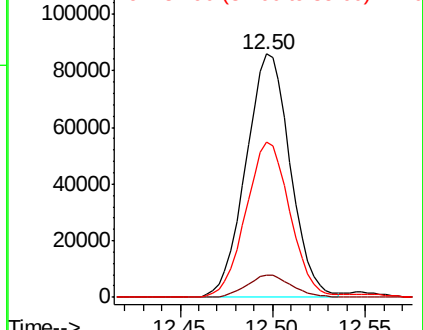
83 100

131 9.3 4.8 14.3

85 63.6 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 77.374 ug/l

RT: 12.54 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VN061067.D

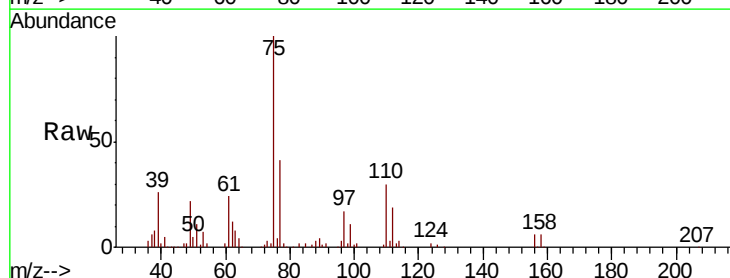
Acq: 17 Apr 2020 21:49

Tgt Ion: 75 Resp: 192084

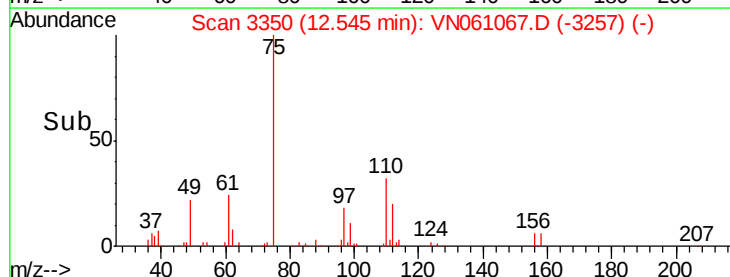
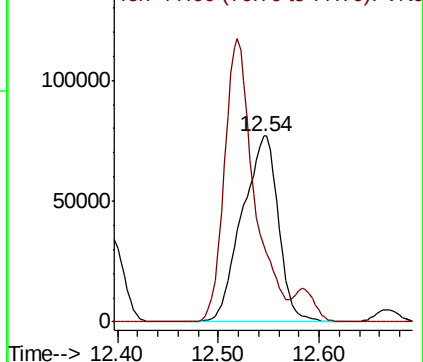
Ion Ratio Lower Upper

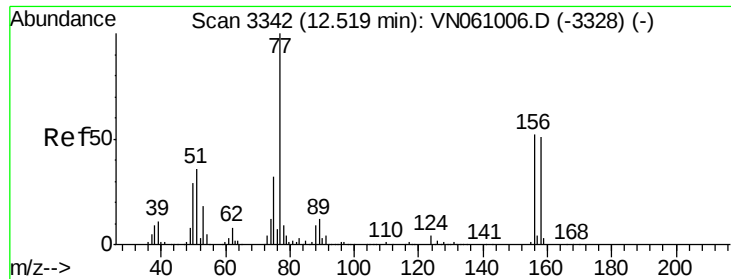
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 49.247 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

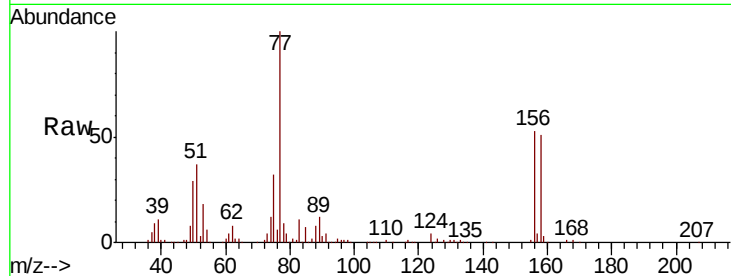
Tot Ion:156 Resp: 103969

Ion Ratio Lower Upper

156 100

77 233.3 115.6 346.8

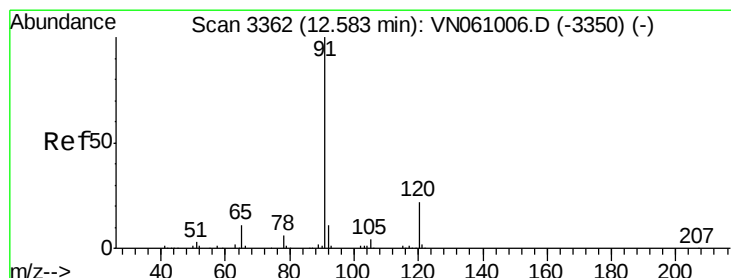
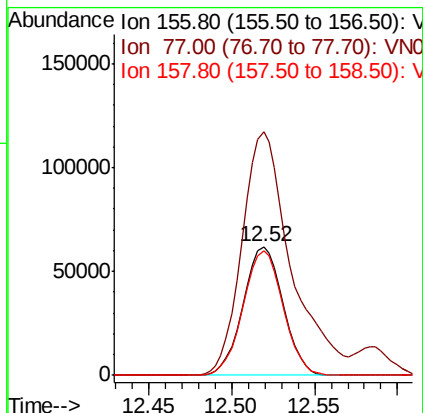
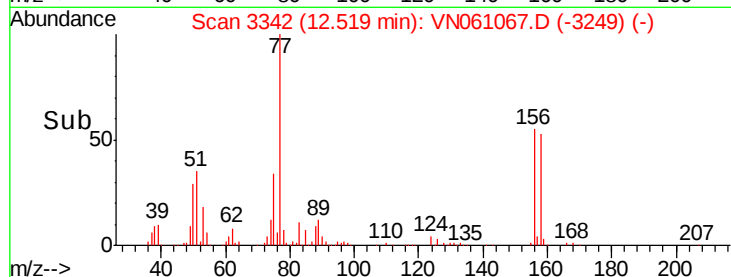
158 97.1 48.9 146.6



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: 49.840 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061067.D

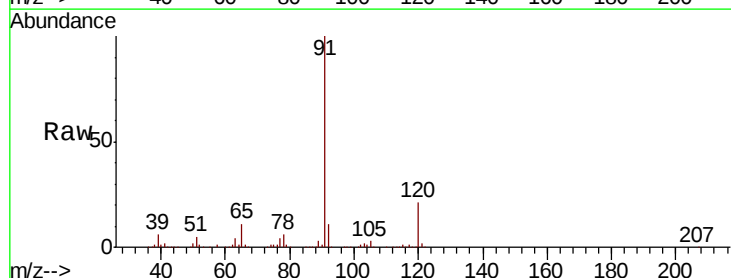
Acq: 17 Apr 2020 21:49

Tgt Ion: 91 Resp: 527255

Ion Ratio Lower Upper

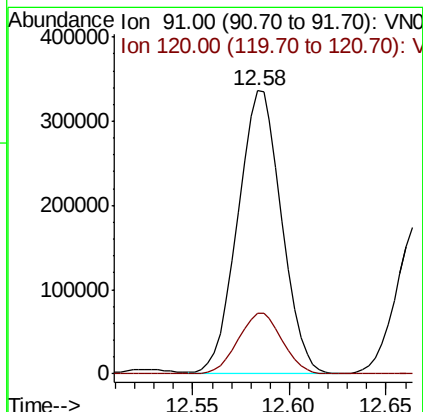
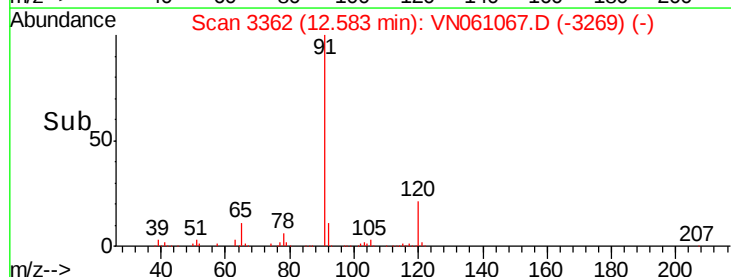
91 100

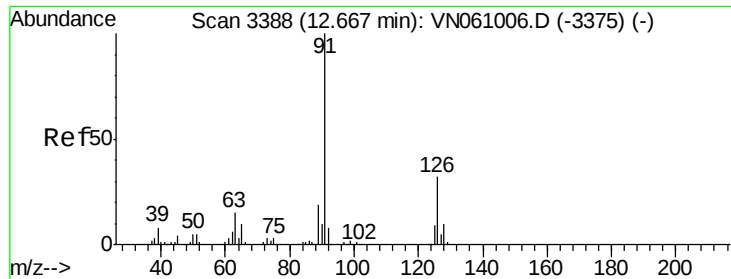
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

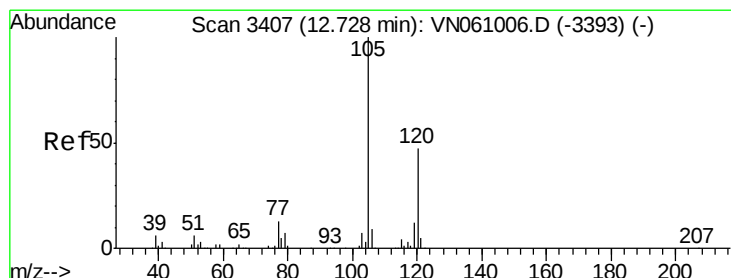
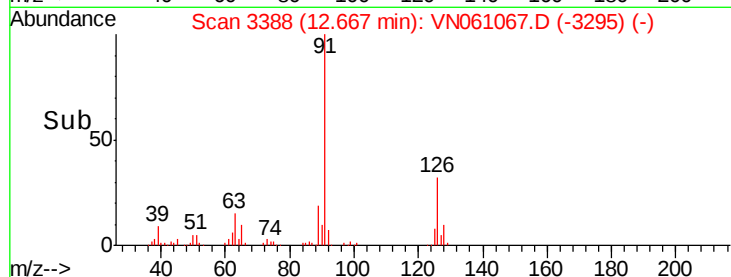
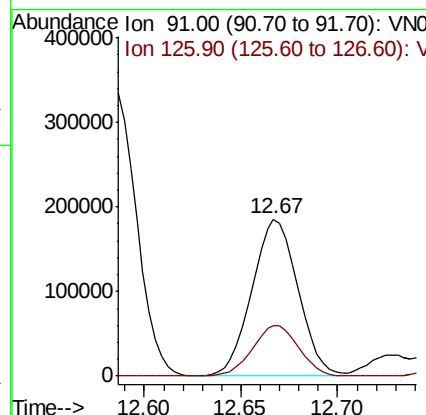
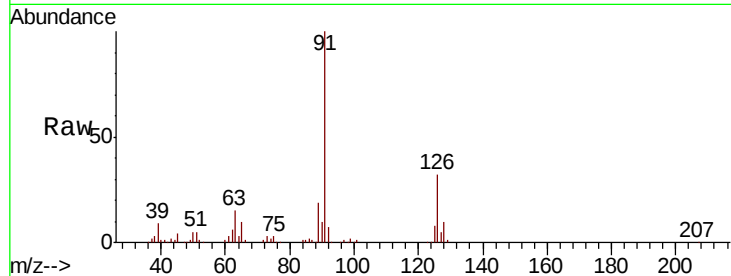




#79
 2-Chlorotoluene
 Concen: 49.301 ug/l
 RT: 12.67 min Scan# 3388
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

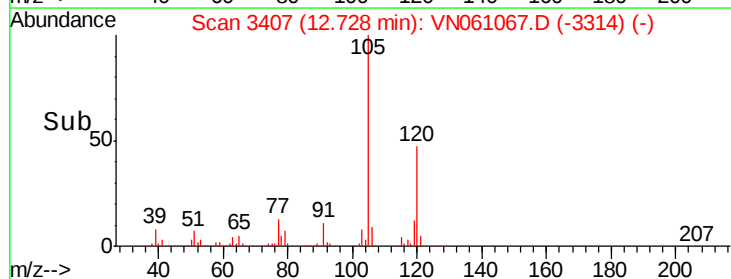
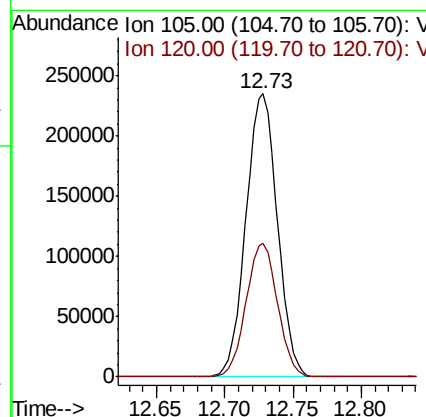
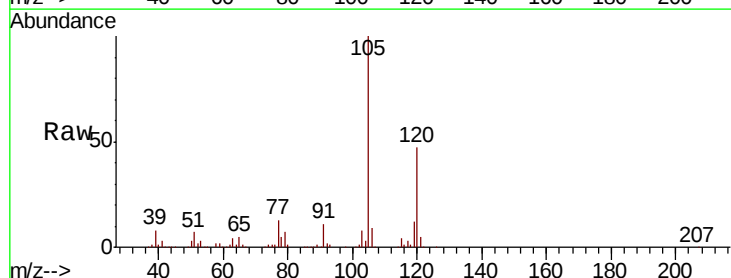
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

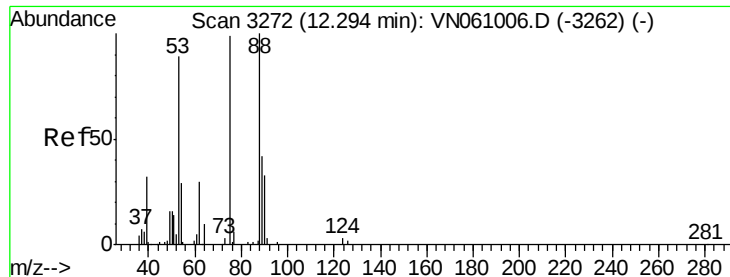
Tot Ion: 91 Resp: 305891
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.1 48.2



#80
 1,3,5-Trimethylbenzene
 Concen: 50.282 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion: 105 Resp: 375806
 Ion Ratio Lower Upper
 105 100
 120 47.1 23.6 70.8





#81

trans-1,4-Dichloro-2-butene

Concen: 49.264 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

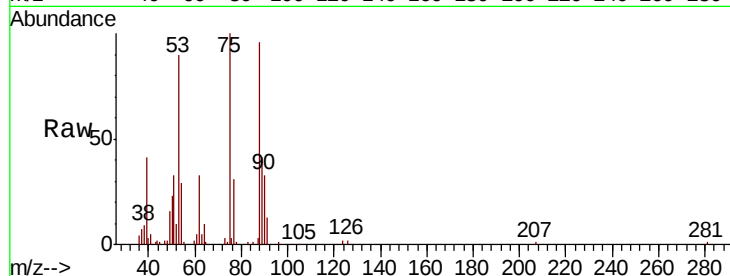
Tot Ion: 75 Resp: 49583

Ion Ratio Lower Upper

75 100

53 91.6 74.7 112.1

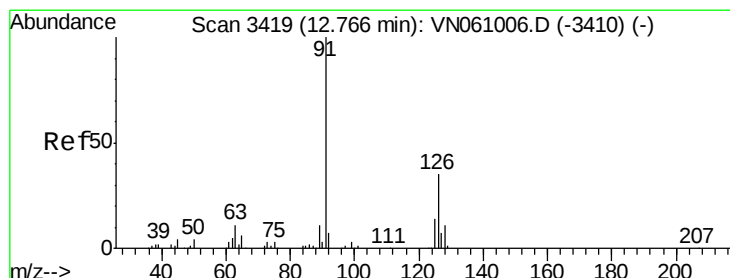
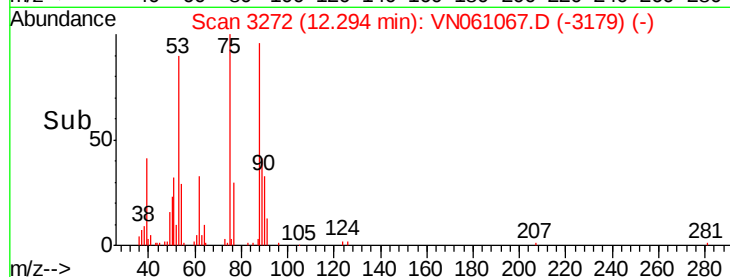
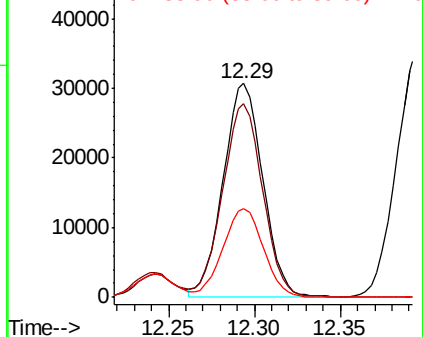
89 42.3 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN061067.D (-3179) (-)

Ion 53.00 (52.70 to 53.70): VN061067.D (-3179) (-)

Ion 88.90 (88.60 to 89.60): VN061067.D (-3179) (-)



#82

4-Chlorotoluene

Concen: 49.472 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061067.D

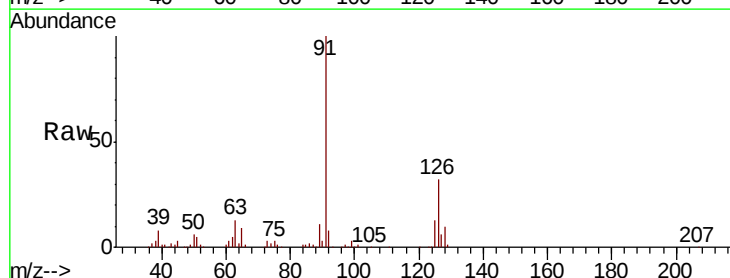
Acq: 17 Apr 2020 21:49

Tgt Ion: 91 Resp: 318353

Ion Ratio Lower Upper

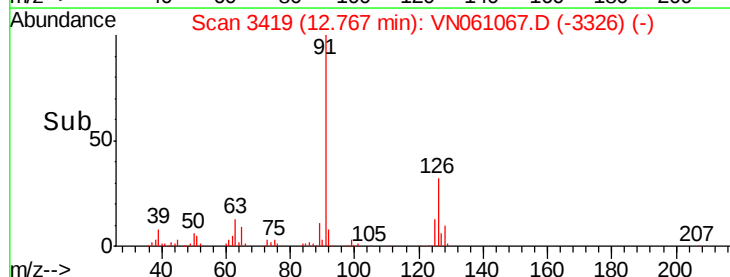
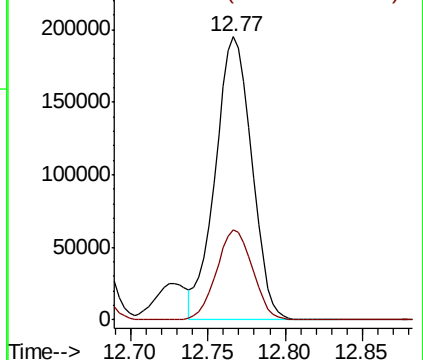
91 100

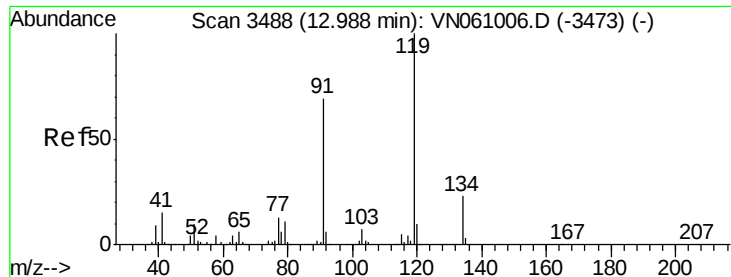
126 31.7 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN061067.D (-3326) (-)

Ion 125.90 (125.60 to 126.60): VN061067.D (-3326) (-)

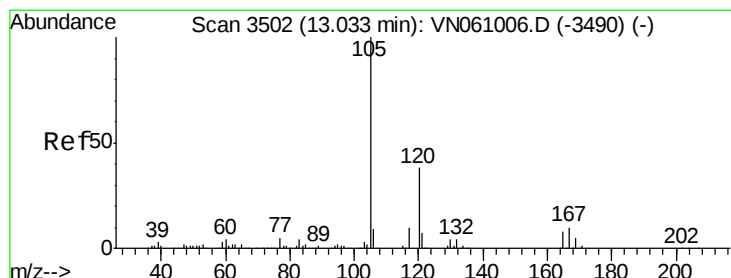
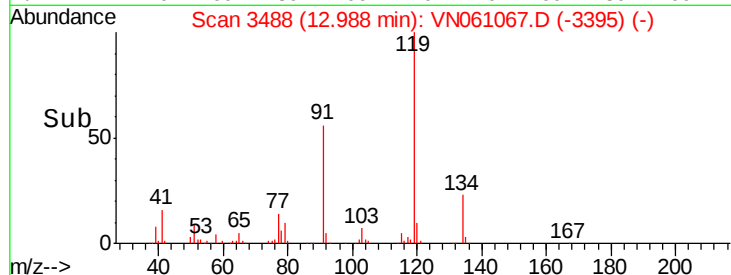
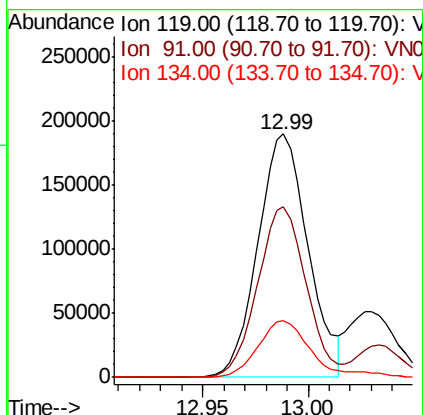
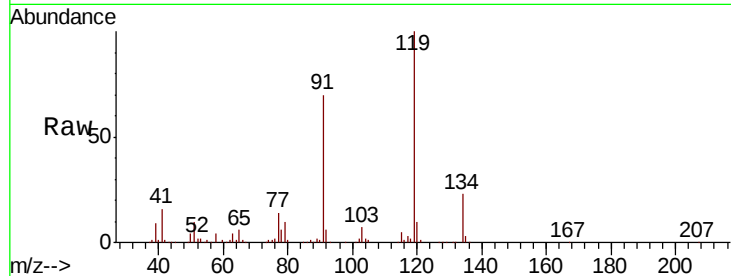




#83
 tert-Butylbenzene
 Concen: 49.990 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

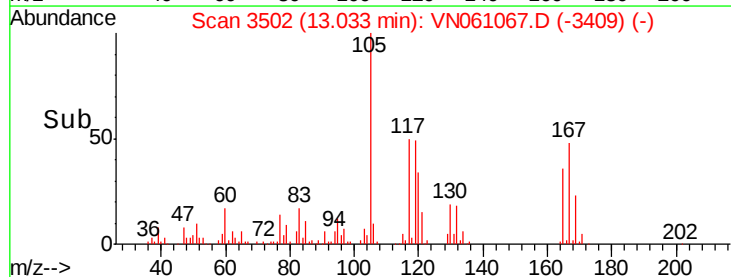
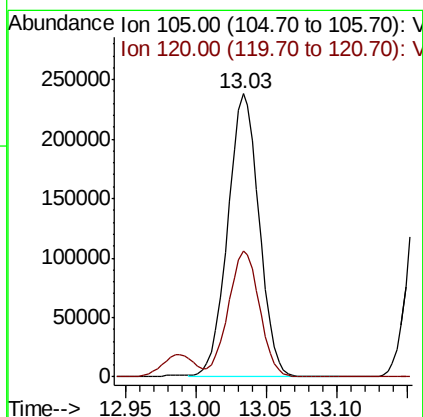
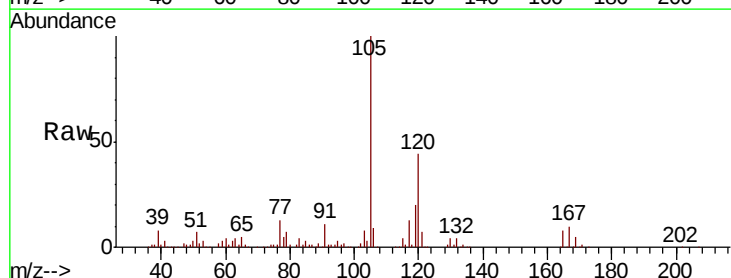
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

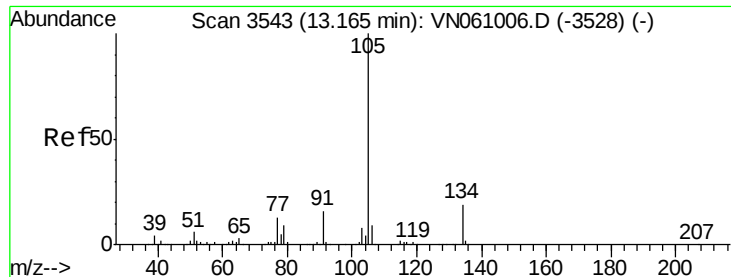
Tot Ion:119 Resp: 314211
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.1 102.3
 134 24.7 12.4 37.2



#84
 1,2,4-Trimethylbenzene
 Concen: 50.152 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion:105 Resp: 370515
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.5

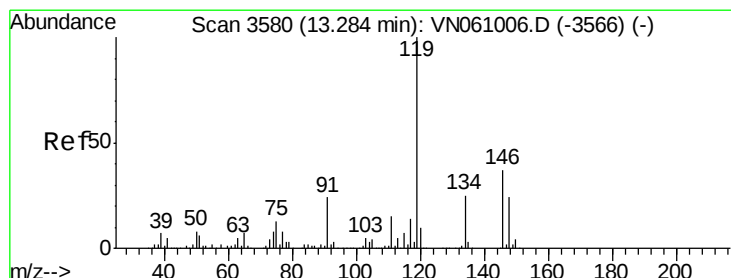
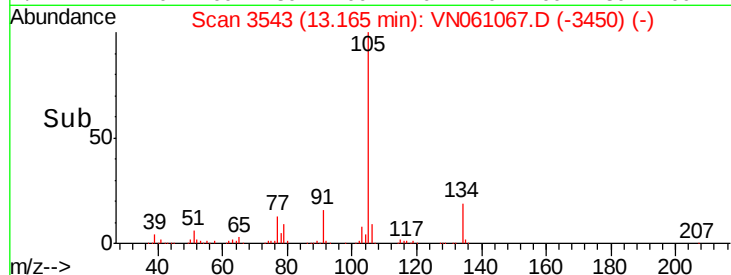
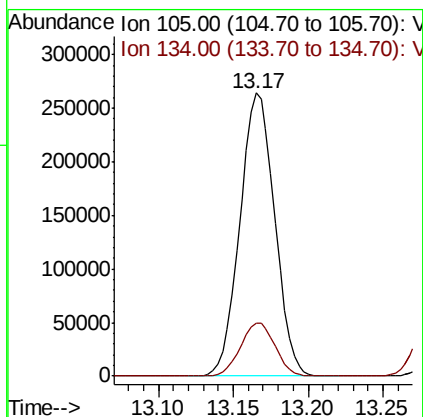
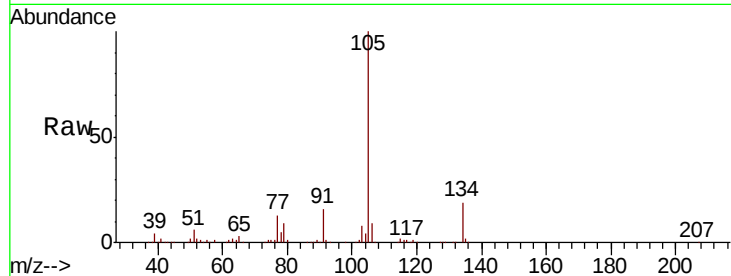




#85
 sec-Butylbenzene
 Concen: 50.192 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

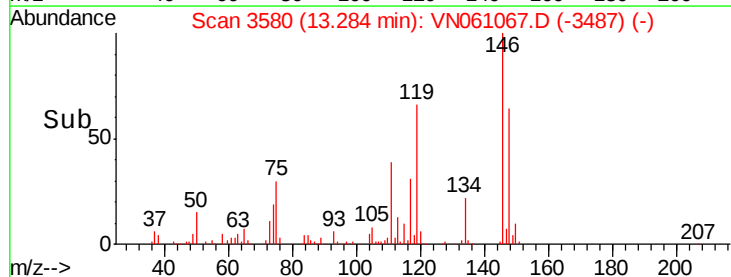
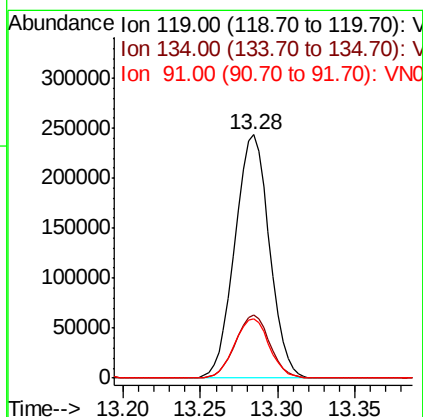
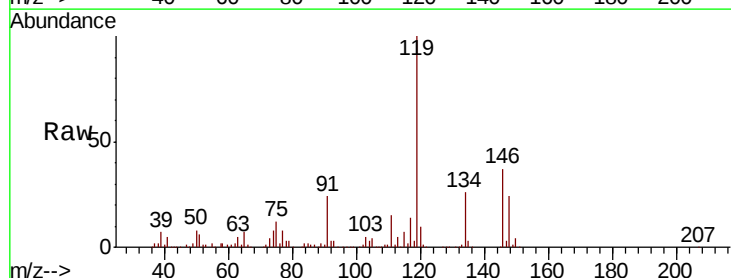
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

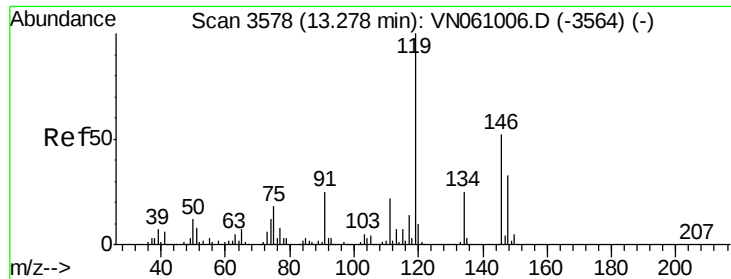
Tot Ion:105 Resp: 427458
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 49.637 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion:119 Resp: 376426
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.8 38.4
 91 24.7 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 49.388 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

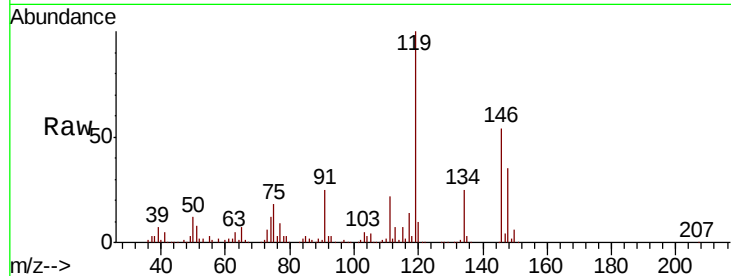
Tot Ion:146 Resp: 185818

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

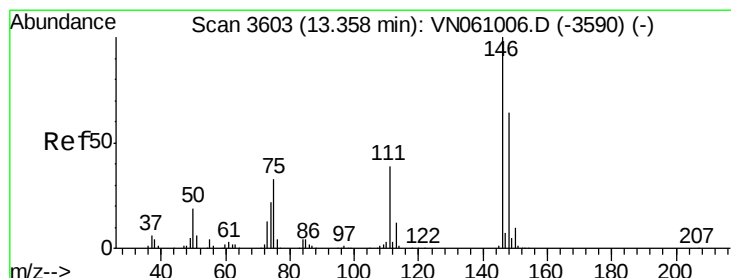
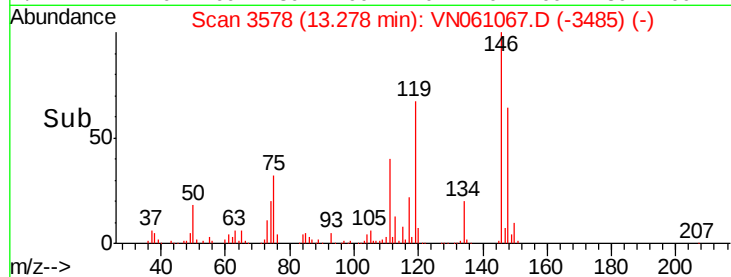
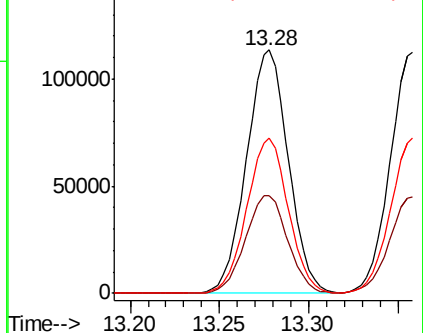
148 63.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.876 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

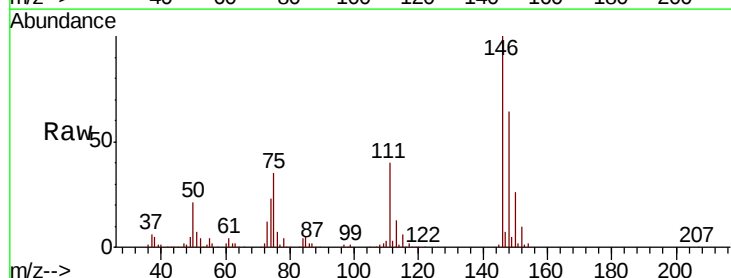
Tgt Ion:146 Resp: 185000

Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.3

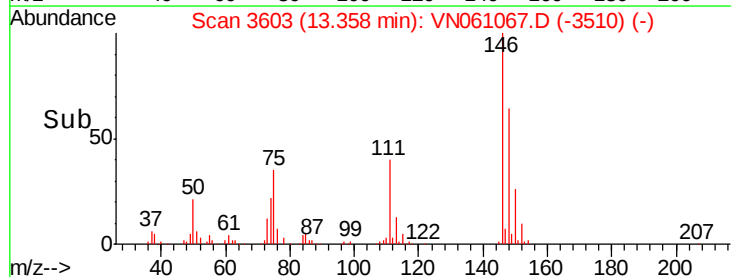
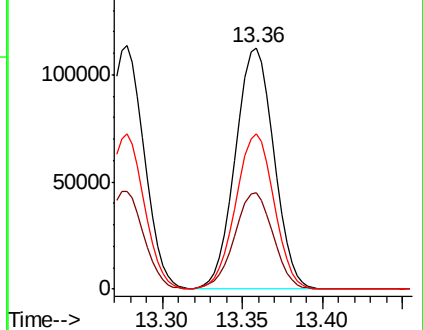
148 64.1 32.1 96.3

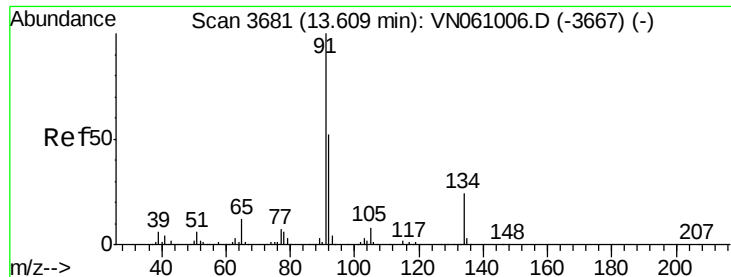


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 49.582 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

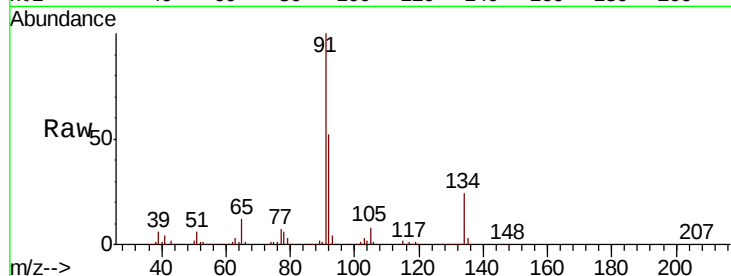
Tot Ion: 91 Resp: 349664

Ion Ratio Lower Upper

91 100

92 52.0 26.1 78.2

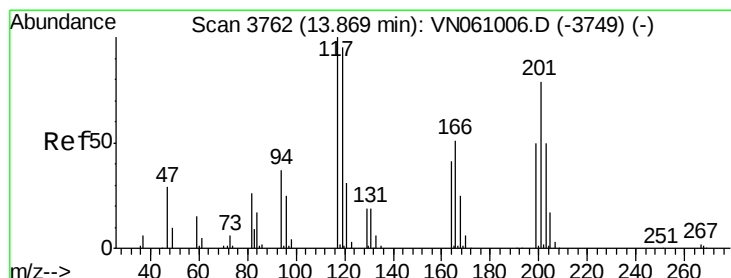
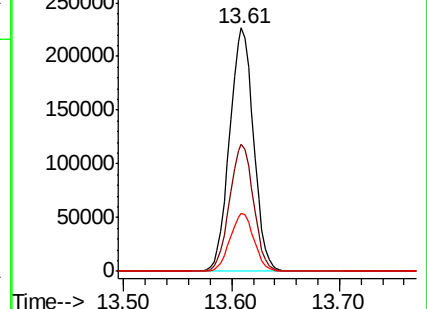
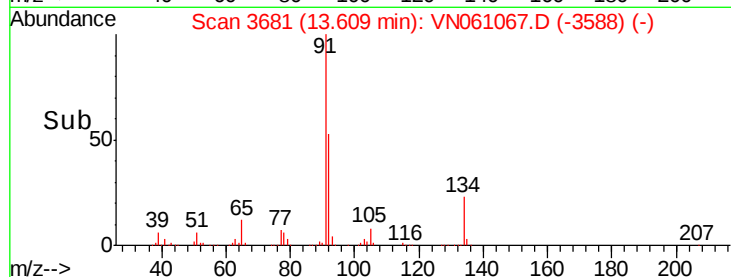
134 23.7 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN061067.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN061067.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN061067.D (-3667) (-)



#90

Hexachloroethane

Concen: 49.439 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN061067.D

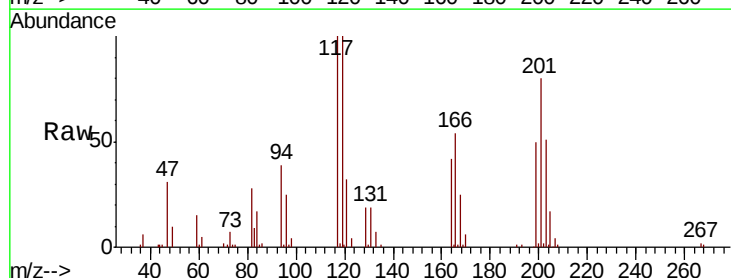
Acq: 17 Apr 2020 21:49

Tgt Ion: 117 Resp: 57523

Ion Ratio Lower Upper

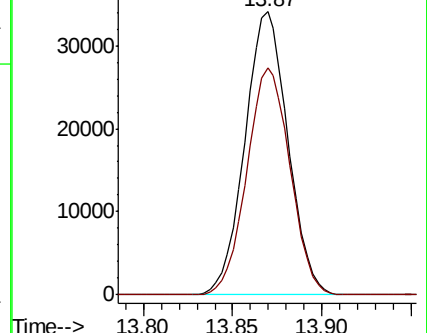
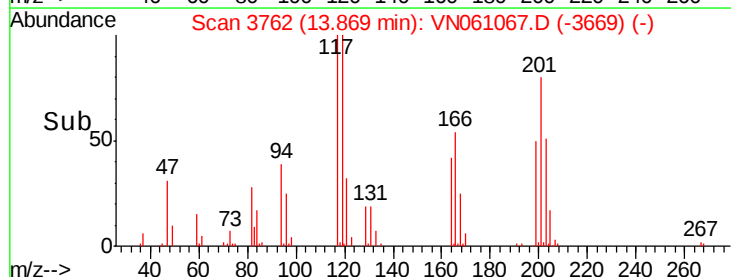
117 100

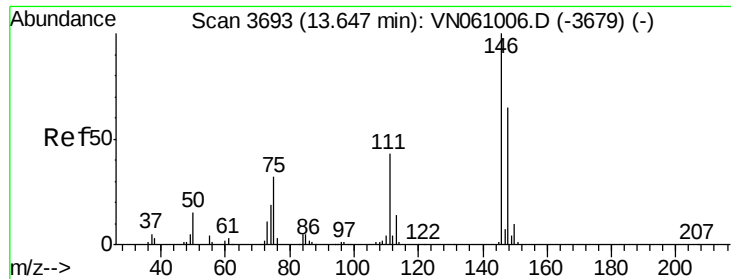
201 80.4 39.3 117.9



Abundance Ion 116.80 (116.50 to 117.50): VN061067.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN061067.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 50.187 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

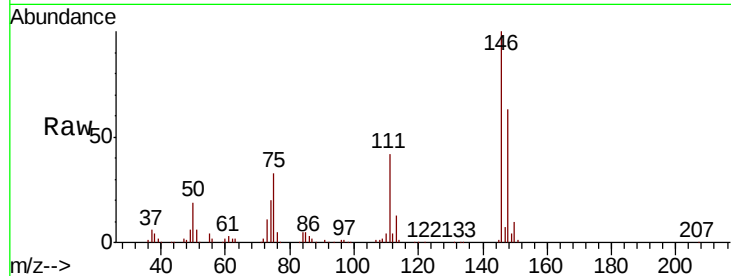
Tot Ion:146 Resp: 180216

Ion Ratio Lower Upper

146 100

111 42.3 21.3 64.0

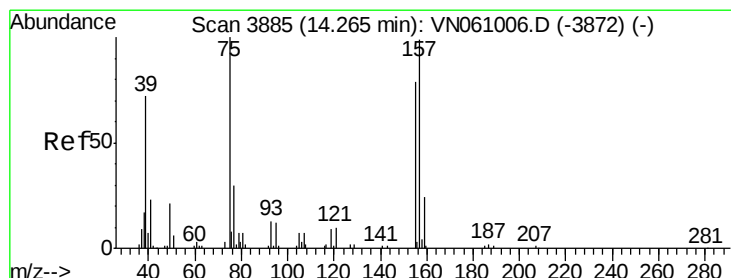
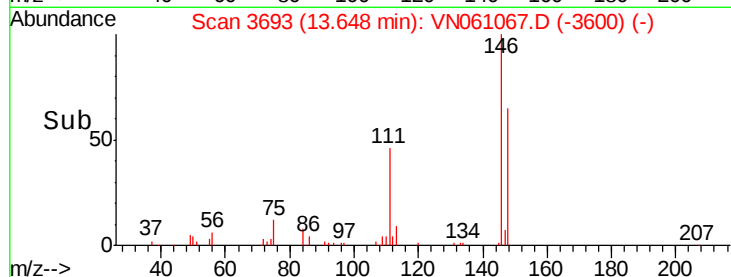
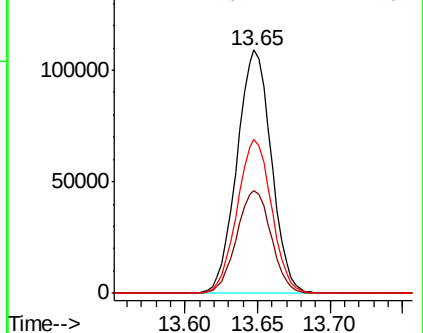
148 63.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.923 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN061067.D

Acq: 17 Apr 2020 21:49

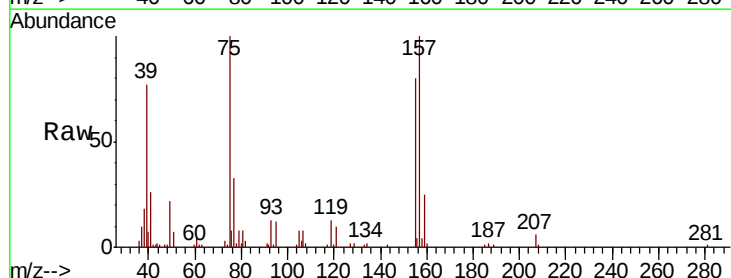
Tgt Ion: 75 Resp: 29339

Ion Ratio Lower Upper

75 100

155 78.4 39.5 118.5

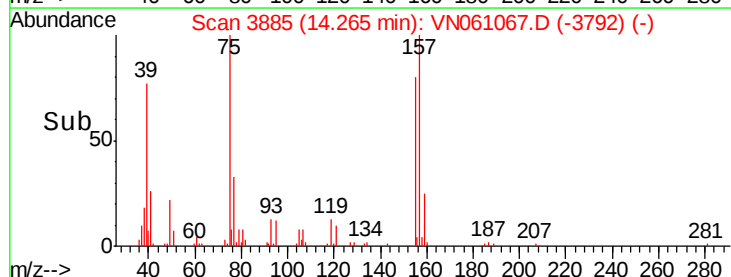
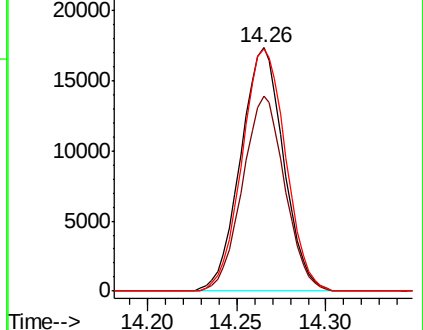
157 100.8 50.1 150.4



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

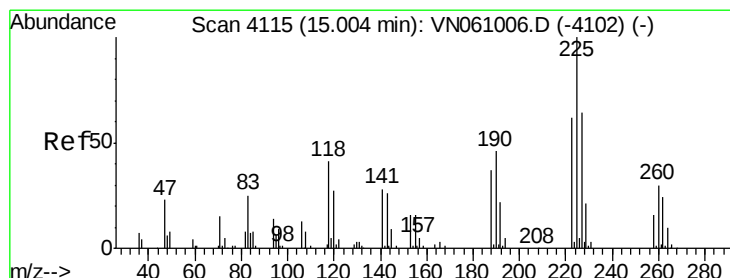
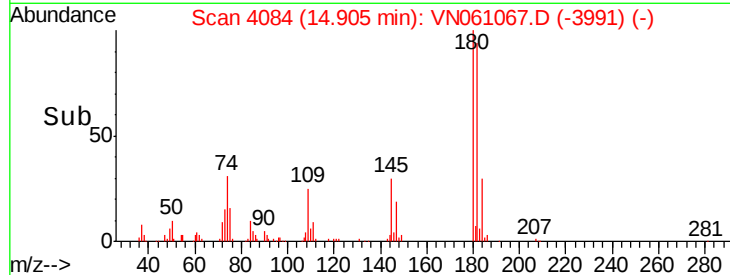
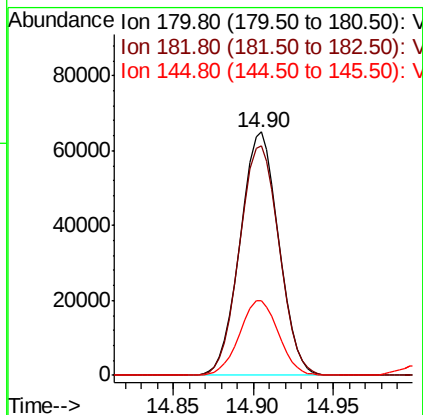
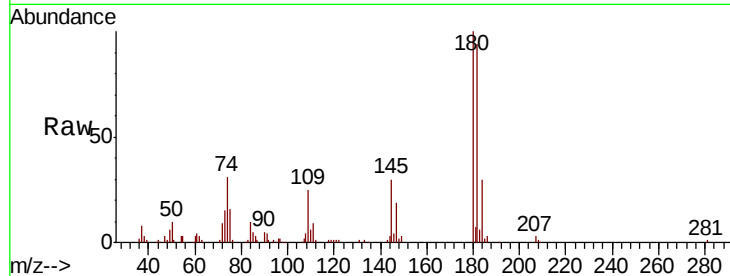




#93
 1,2,4-Trichlorobenzene
 Concen: 50.234 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

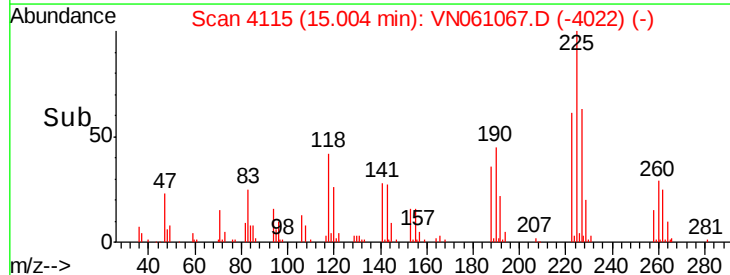
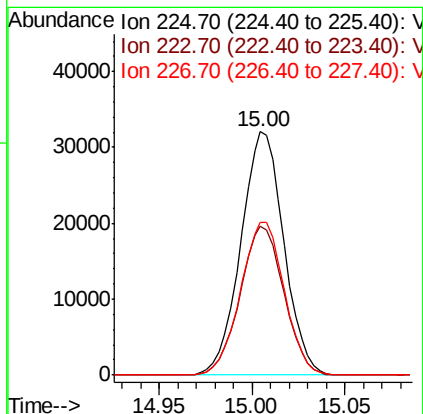
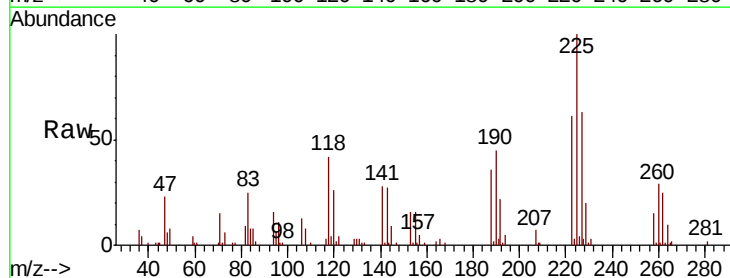
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.8	143.3
145	31.1	15.3	45.8



#94
 Hexachlorobutadiene
 Concen: 47.357 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. 0.00 min
 Lab File: VN061067.D
 Acq: 17 Apr 2020 21:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.3	93.8
227	64.0	31.9	95.5

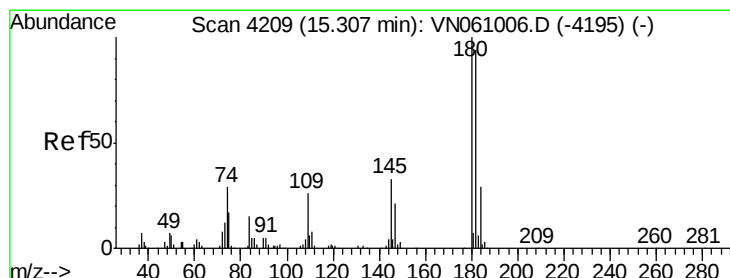
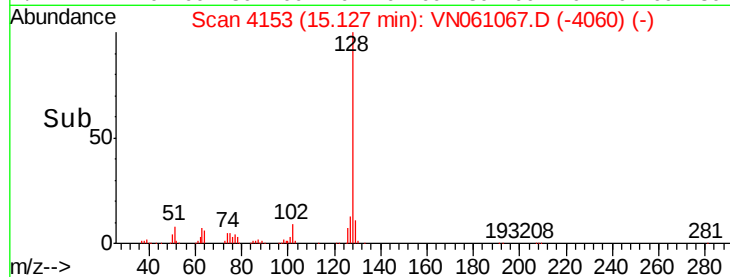
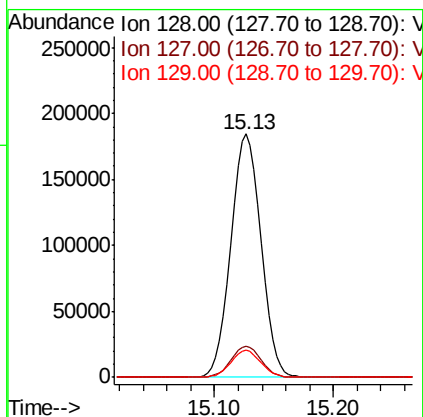
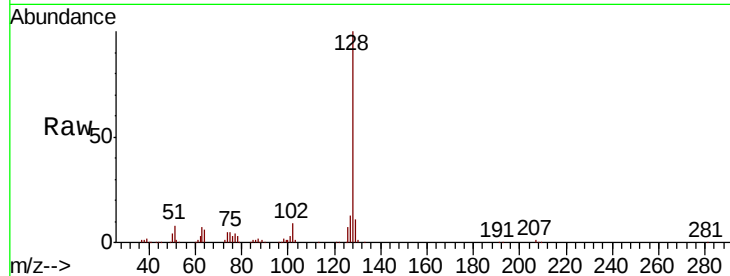




#95
Naphthalene
Concen: 52.254 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 323892
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.587 ug/l
RT: 15.31 min Scan# 4209
Delta R.T. 0.00 min
Lab File: VN061067.D
Acq: 17 Apr 2020 21:49

Tgt Ion:180 Resp: 103615
Ion Ratio Lower Upper
180 100
182 96.0 47.6 142.8
145 32.8 16.4 49.2

