

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061360.D
 Acq On : 8 May 2020 14:36
 Operator : JC/MD
 Sample : L2544-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:24:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	99710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	181963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	176327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82501	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	82658	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	7.55	113	53822	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.06	98	227007	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	12.38	95	91311	55.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.64%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	4.73	59	1793	8.484	ug/l #	72
16) Acetone	3.78	43	8688	8.911	ug/l	100
18) Methyl Acetate	4.47	43	1347	1.346	ug/l #	55
25) 2-Butanone	6.80	43	1207	1.293	ug/l #	53
31) Cyclohexane	7.63	56	3360	1.464	ug/l #	24
36) 1,1-Dichloropropene	7.63	75	9303	5.107	ug/l #	49
37) Ethyl Acetate	6.80	43	1207	0.565	ug/l #	82
38) Carbon Tetrachloride	7.62	117	10881	8.534	ug/l #	16
39) Methylcyclohexane	9.04	83	1058	0.518	ug/l #	91
40) Benzene	8.00	78	19916	3.670	ug/l	98
43) Isopropyl Acetate	8.17	43	1837	0.518	ug/l #	57
48) Methyl methacrylate	9.19	41	518	0.324	ug/l #	16
55) 1,1,2-Trichloroethane	10.50	97	387	0.297	ug/l #	14
56) Ethyl methacrylate	10.41	69	60	2.752	ug/l #	1
59) 2-Hexanone	10.69	43	2147	1.415	ug/l #	27
65) Chlorobenzene	11.41	112	1009906	288.730	ug/l	99
69) o-Xylene	11.92	106	589	0.256	ug/l	42
71) Bromoform	12.38	173	381	0.414	ug/l #	1
73) Isopropylbenzene	12.22	105	13515	2.228	ug/l	98
74) N-amyl acetate	12.02	43	849	0.276	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.43	83	896	0.474	ug/l #	25
76) 1,2,3-Trichloropropane	12.38	75	49422	28.414	ug/l #	100
78) n-propylbenzene	12.56	91	8400	1.168	ug/l	94
79) 2-Chlorotoluene	12.87	91	985	0.233	ug/l	72
80) 1,3,5-Trimethylbenzene	12.87	105	5830	1.161	ug/l	68
81) trans-1,4-Dichloro-2-buten	12.38	75	49422	72.157	ug/l #	8
82) 4-Chlorotoluene	12.87	91	985	0.221	ug/l	72
83) tert-Butylbenzene	12.97	119	22296	5.268	ug/l	92
85) sec-Butylbenzene	13.15	105	26783	4.641	ug/l #	65
86) p-Isopropyltoluene	13.42	119	97897	18.829	ug/l	96
87) 1,3-Dichlorobenzene	13.26	146	645	0.250	ug/l #	1
88) 1,4-Dichlorobenzene	13.34	146	994	0.377	ug/l #	1
89) n-Butylbenzene	13.59	91	3564	0.748	ug/l #	68
90) Hexachloroethane	13.87	117	11323	25.320	ug/l #	14

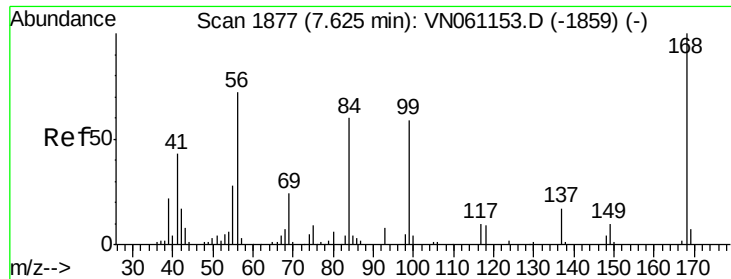
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
Data File : VN061360.D
Acq On : 8 May 2020 14:36
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Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropropan	14.19	75	1083	2.711	ug/l #	7
95) Naphthalene	15.10	128	2295	0.468	ug/l #	82

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

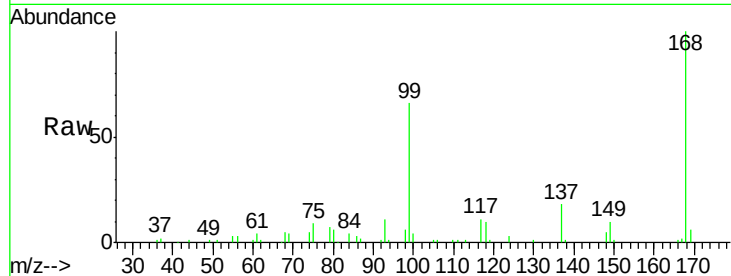
ClientSampled :

Tot Ion:168 Resp: 99710

Ion Ratio Lower Upper

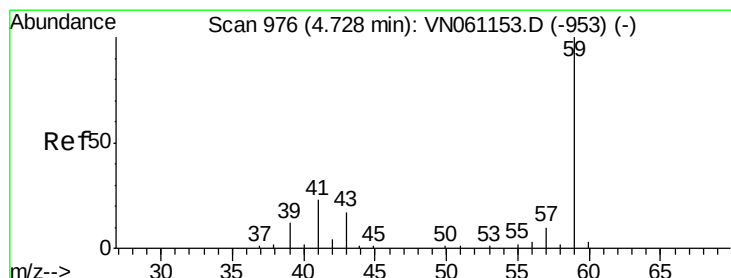
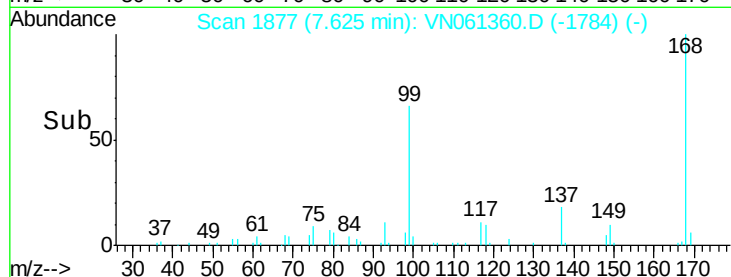
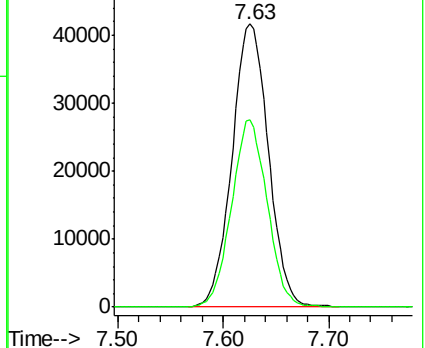
168 100

99 66.4 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#11

Tert butyl alcohol

Concen: 8.484 ug/l

RT: 4.73 min Scan# 978

Delta R.T. 0.01 min

Lab File: VN061360.D

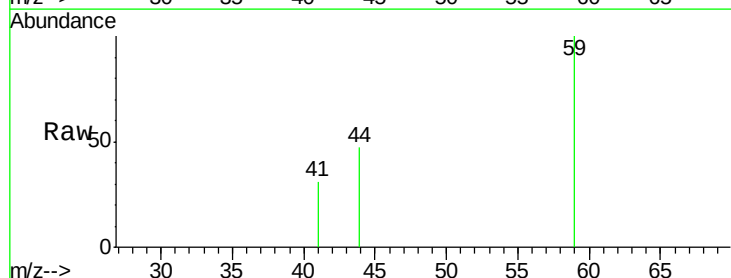
Acq: 8 May 2020 14:36

Tgt Ion: 59 Resp: 1793

Ion Ratio Lower Upper

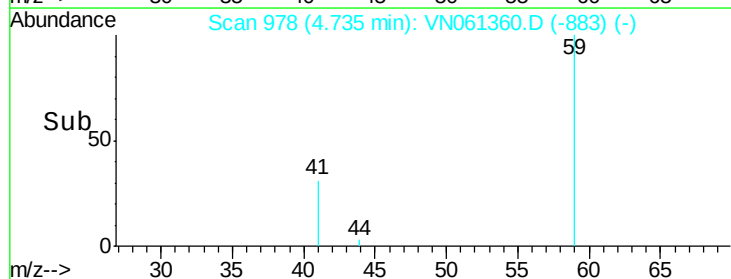
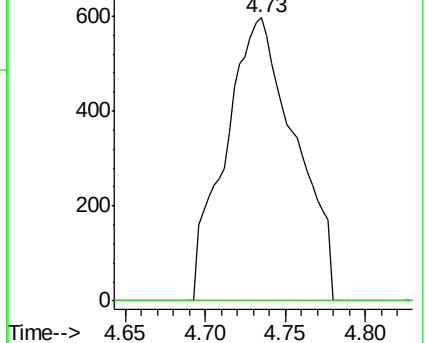
59 100

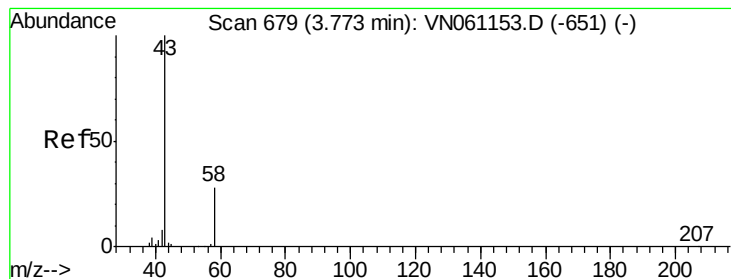
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VNO

Ion 57.00 (56.70 to 57.70): VNO





#16

Acetone

Concen: 8.911 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

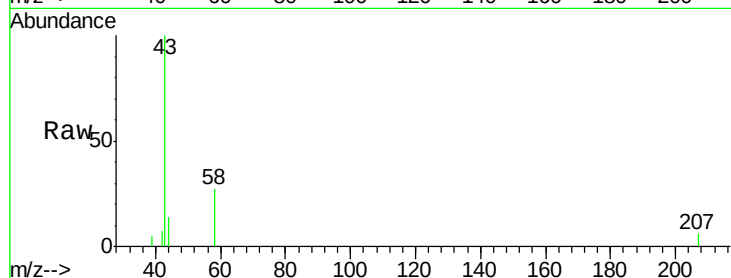
ClientSampleId :

Tot Ion: 43 Resp: 8688

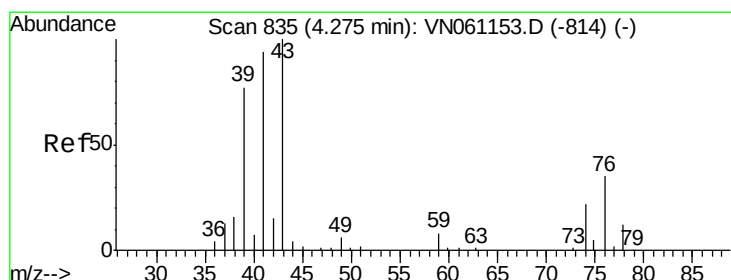
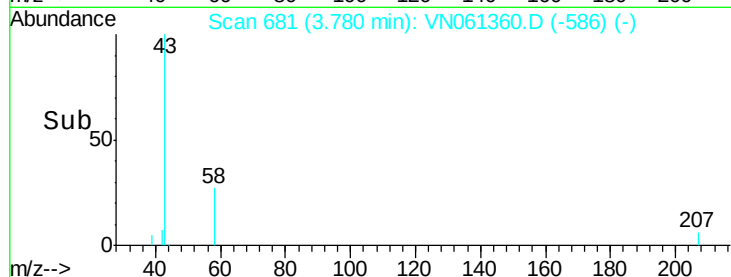
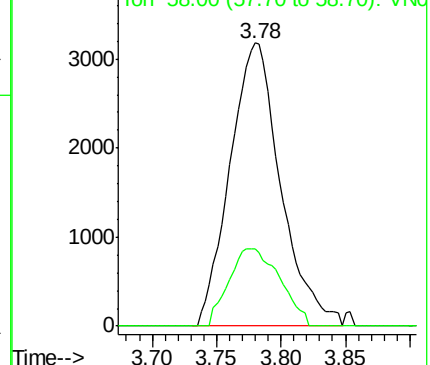
Ion Ratio Lower Upper

43 100

58 27.5 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)



#18

Methyl Acetate

Concen: 1.346 ug/l

RT: 4.47 min Scan# 897

Delta R.T. 0.20 min

Lab File: VN061360.D

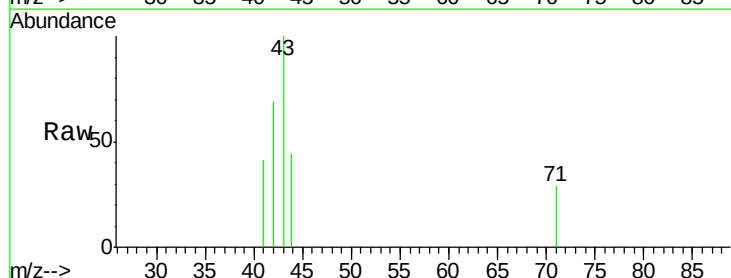
Acq: 8 May 2020 14:36

Tgt Ion: 43 Resp: 1347

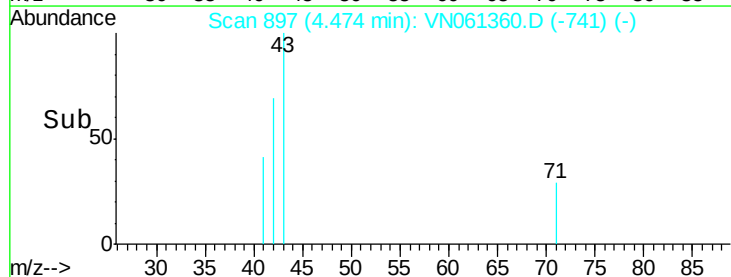
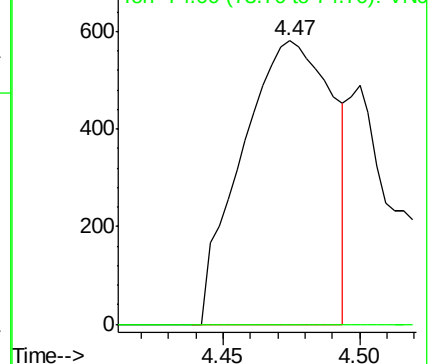
Ion Ratio Lower Upper

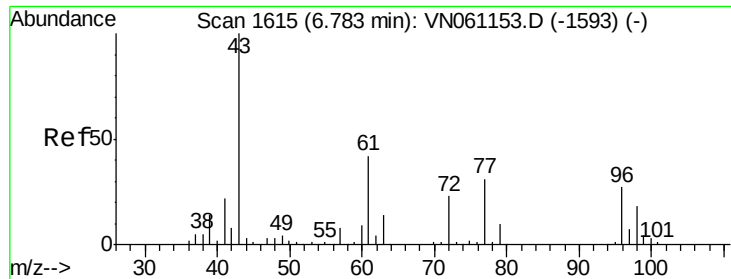
43 100

74 0.0 17.0 25.4#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

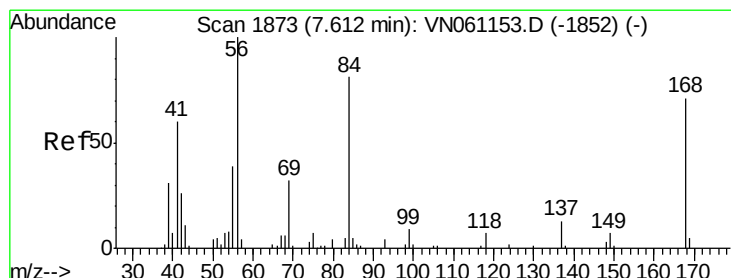
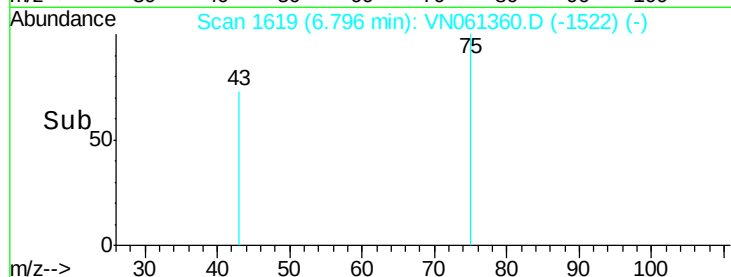
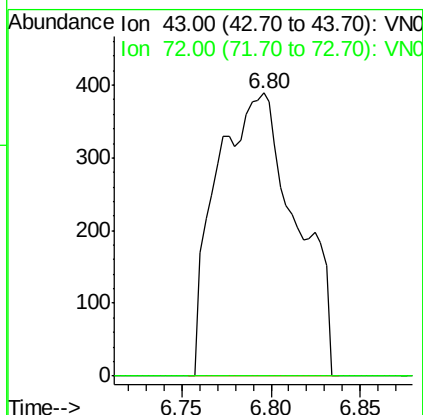
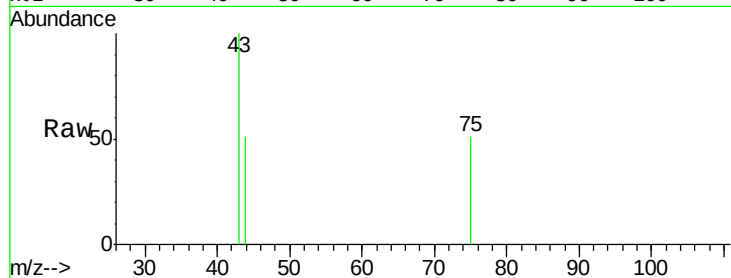




#25
2-Butanone
Concen: 1.293 ug/l
RT: 6.80 min Scan# 1619
Delta R.T. 0.01 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

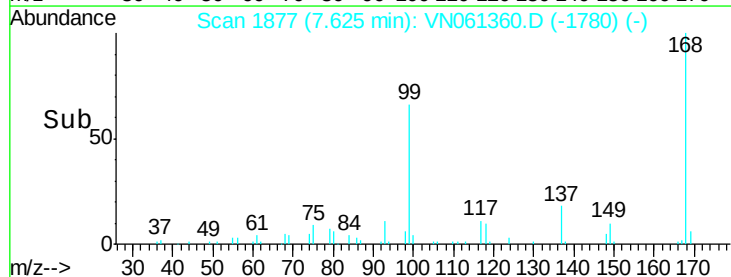
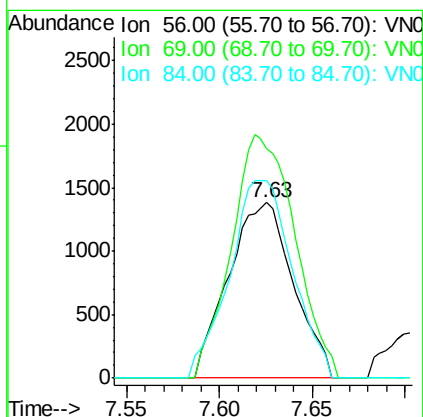
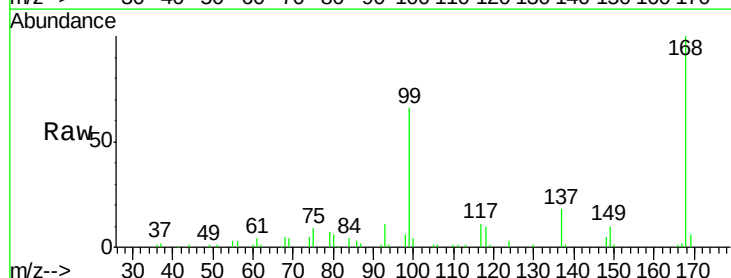
Instrument :
MSVOA_N
ClientSampleId :

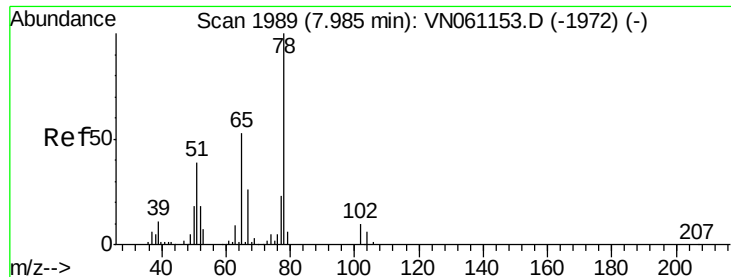
Tot Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#



#31
Cyclohexane
Concen: 1.464 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

Tgt Ion: 56 Resp: 3360
Ion Ratio Lower Upper
56 100
69 131.2 25.7 38.5#
84 112.6 64.6 97.0#

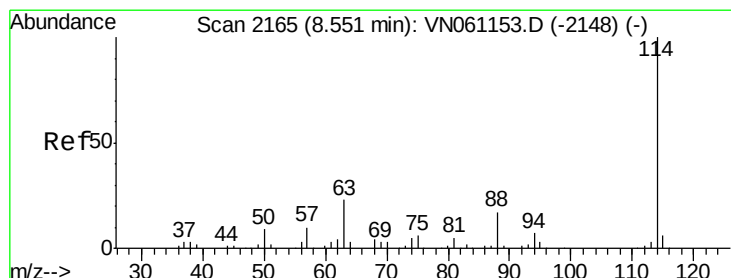
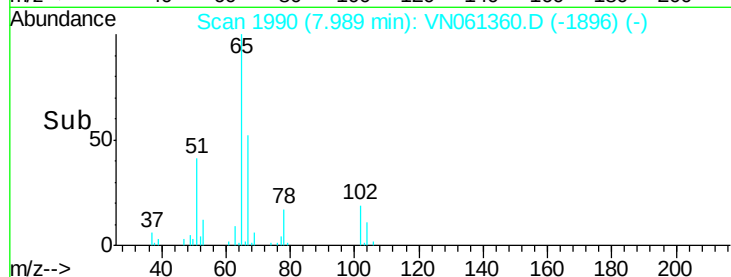
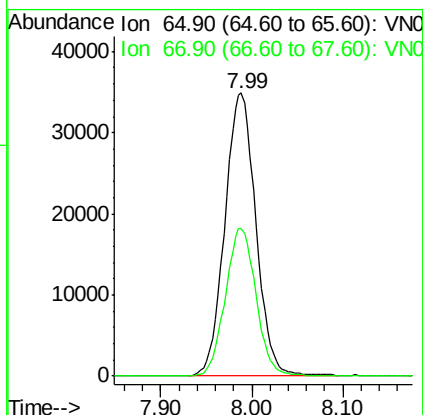
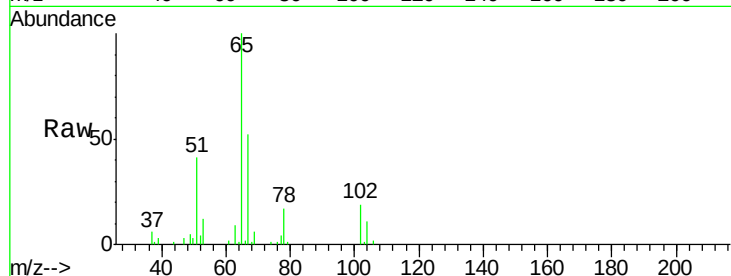




#33
 1,2-Dichloroethane-d4
 Concen: 52.391 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061360.D
 Acq: 8 May 2020 14:36

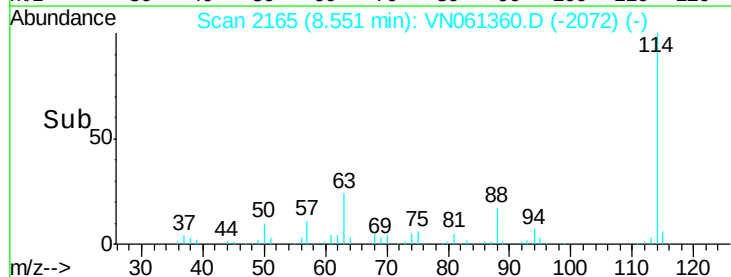
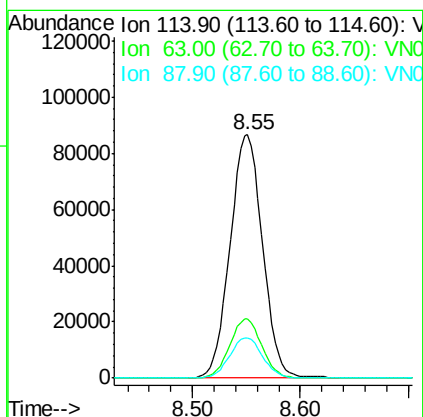
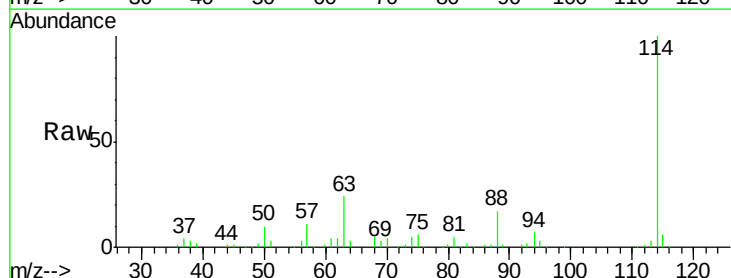
Instrument :
 MSVOA_N
 ClientSampleId :

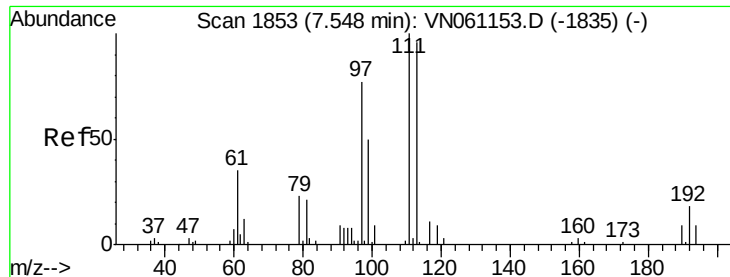
Tot Ion: 65 Resp: 82658
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061360.D
 Acq: 8 May 2020 14:36

Tgt Ion: 114 Resp: 181963
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 46.6
 88 16.6 0.0 33.4

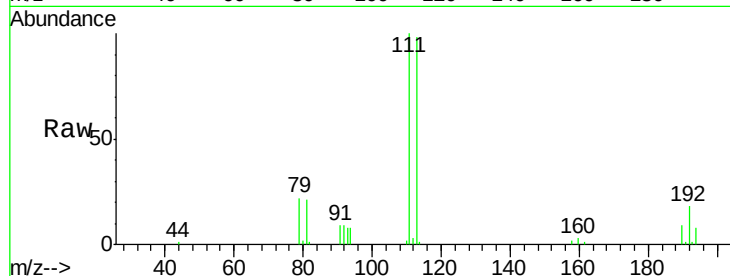




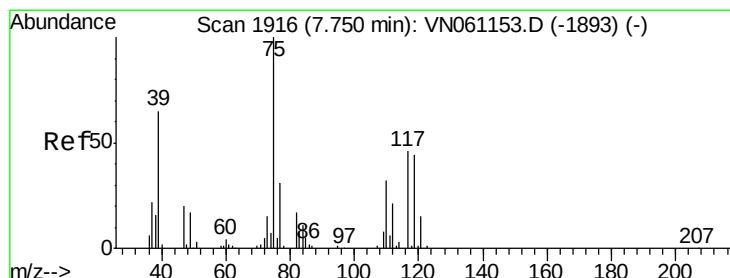
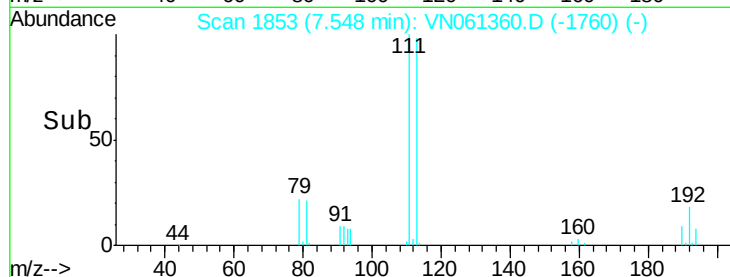
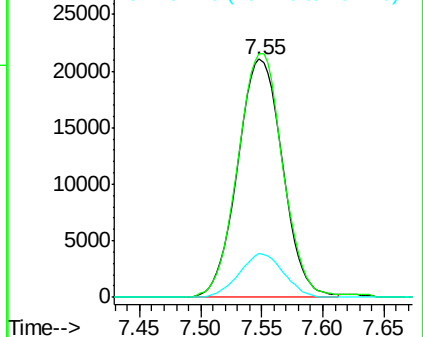
#35
Dibromofluoromethane
Concen: 50.021 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 53822
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.0 14.7 22.1

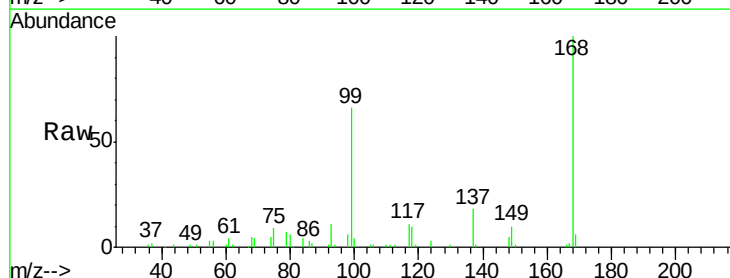


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

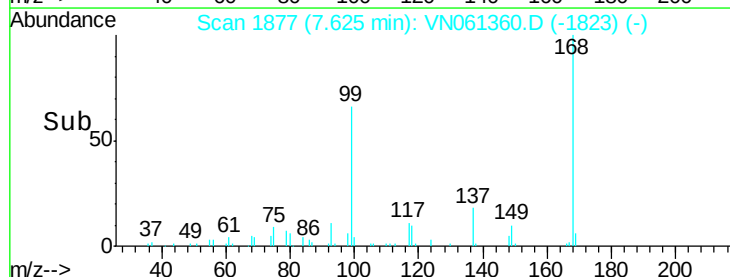
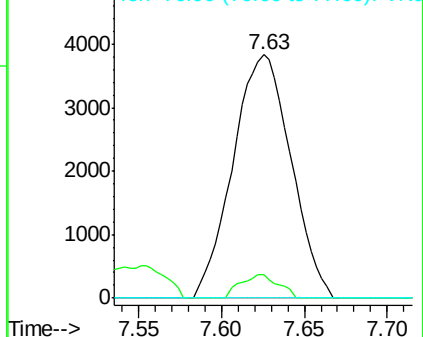


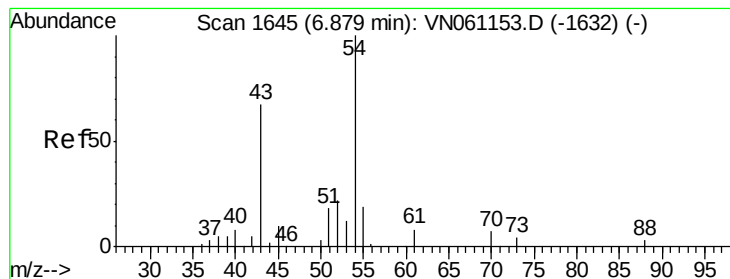
#36
1,1-Dichloropropene
Concen: 5.107 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.13 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

Tgt Ion: 75 Resp: 9303
Ion Ratio Lower Upper
75 100
110 6.3 16.0 48.0#
77 0.0 24.6 37.0#



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





#37

Ethyl Acetate

Concen: 0.565 ug/l

RT: 6.80 min Scan# 1619

Delta R.T. -0.08 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

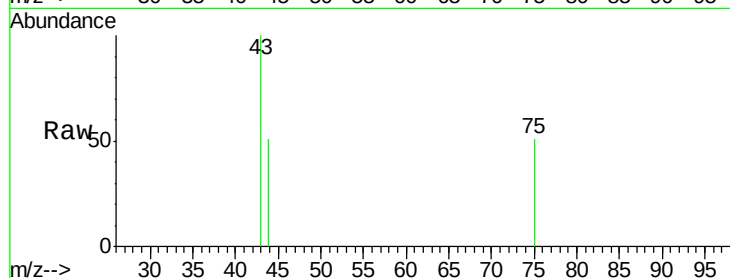
Tot Ion: 43 Resp: 1207

Ion Ratio Lower Upper

43 100

61 7.8 10.2 15.2#

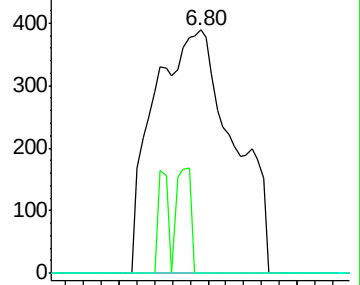
70 0.0 7.2 10.8#



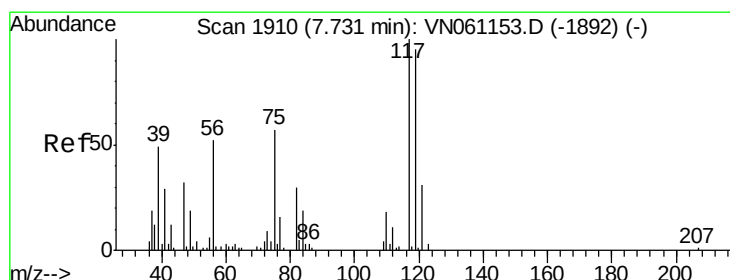
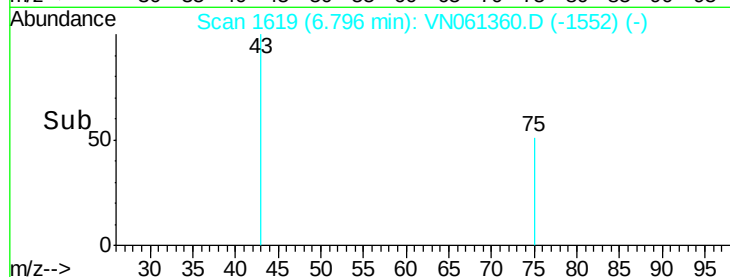
Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1632) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1632) (-)

Ion 70.00 (69.70 to 70.70): VN061153.D (-1632) (-)



Time-->



#38

Carbon Tetrachloride

Concen: 8.534 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.11 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

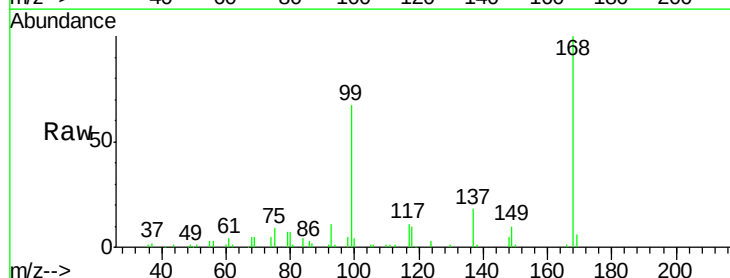
Tgt Ion: 117 Resp: 10881

Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

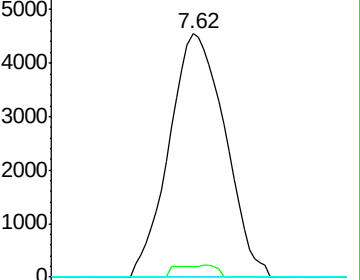
121 0.0 24.7 37.1#



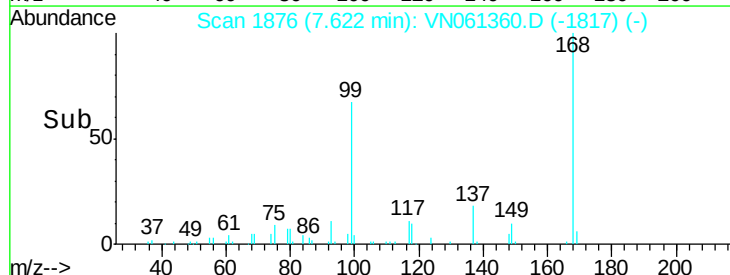
Abundance Ion 116.80 (116.50 to 117.50): VN061153.D (-1892) (-)

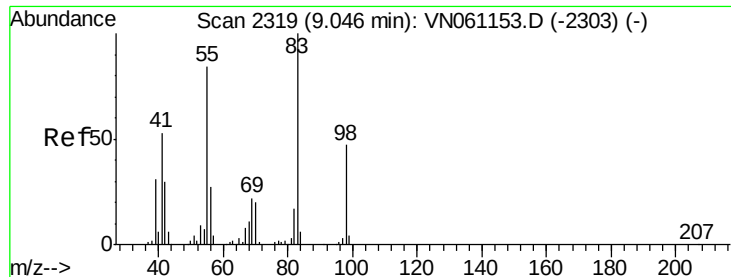
Ion 118.80 (118.50 to 119.50): VN061153.D (-1892) (-)

Ion 120.80 (120.50 to 121.50): VN061153.D (-1892) (-)



Time-->

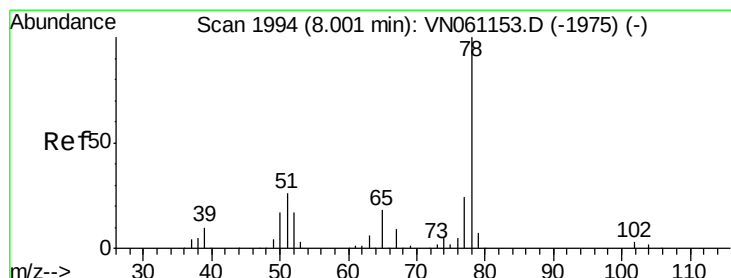
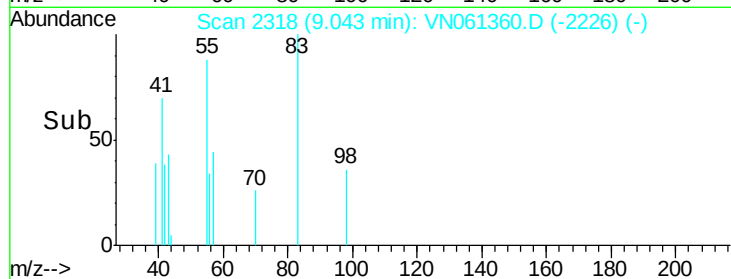
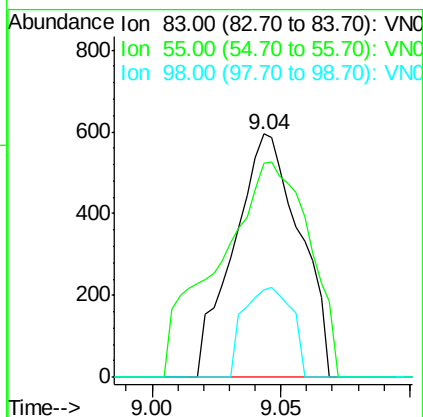
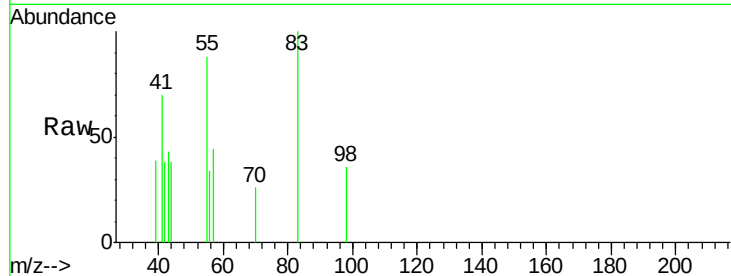




#39
Methylvlcyclohexane
Concen: 0.518 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

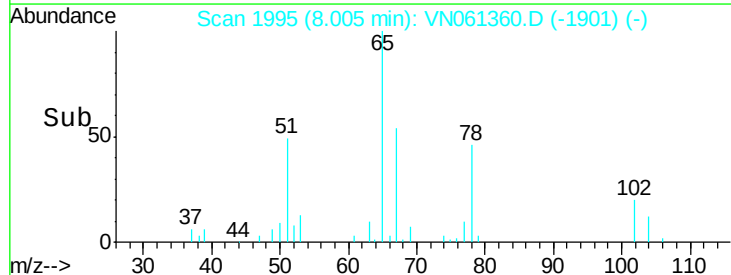
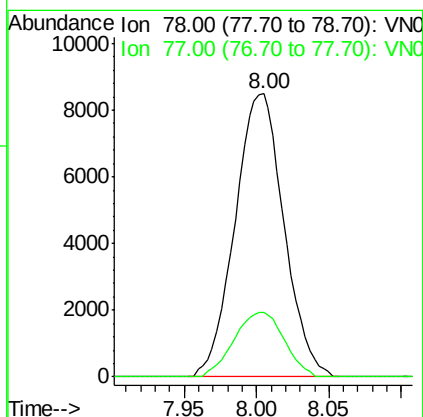
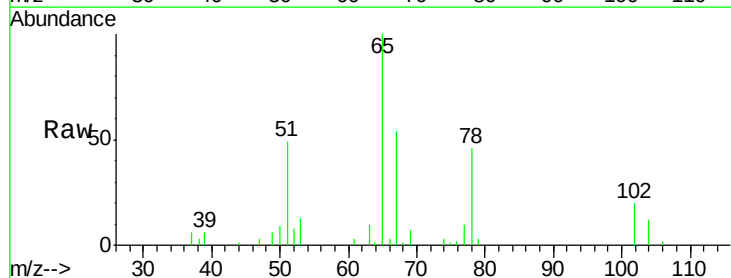
Instrument :
MSVOA_N
ClientSampleId :

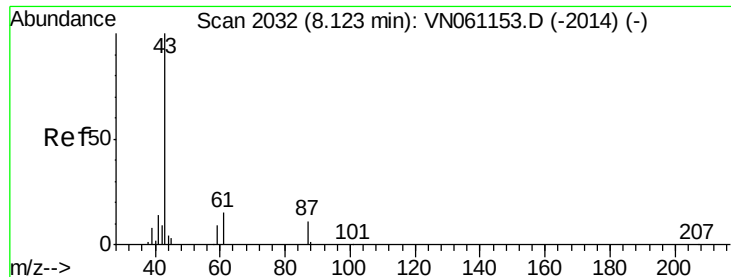
Tot Ion: 83 Resp: 1058
Ion Ratio Lower Upper
83 100
55 88.1 67.3 100.9
98 36.0 37.7 56.5#



#40
Benzene
Concen: 3.670 ug/l
RT: 8.00 min Scan# 1995
Delta R.T. 0.00 min
Lab File: VN061360.D
Acq: 8 May 2020 14:36

Tgt Ion: 78 Resp: 19916
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6





#43

Isopropyl Acetate

Concen: 0.518 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.05 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

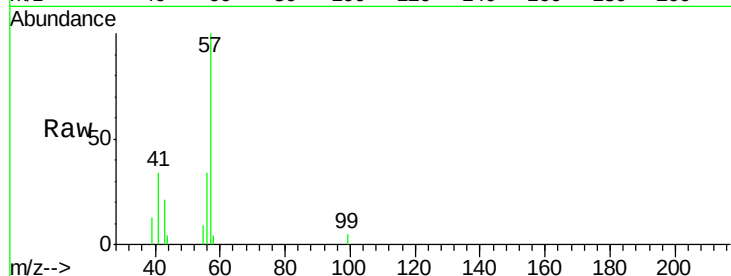
Tot Ion: 43 Resp: 1837

Ion Ratio Lower Upper

43 100

61 0.0 19.5 29.3#

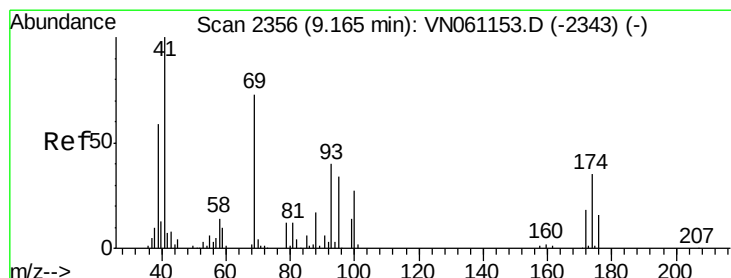
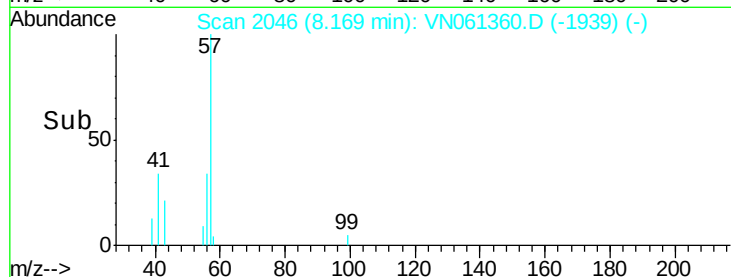
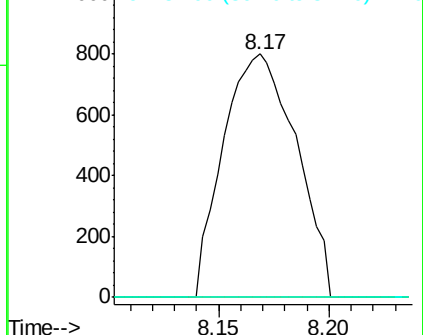
87 0.0 8.9 13.3#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#48

Methyl methacrylate

Concen: 0.324 ug/l

RT: 9.19 min Scan# 2363

Delta R.T. 0.02 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

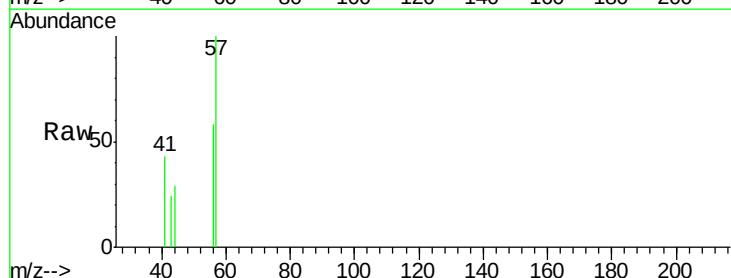
Tgt Ion: 41 Resp: 518

Ion Ratio Lower Upper

41 100

69 0.0 60.3 90.5#

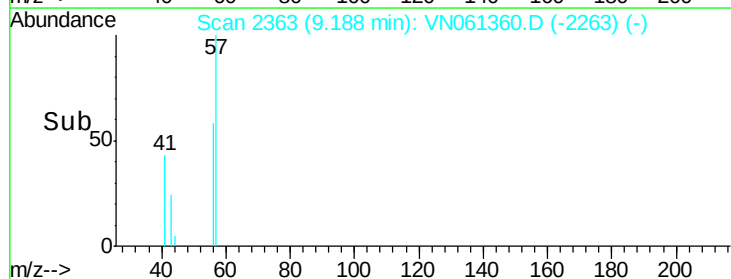
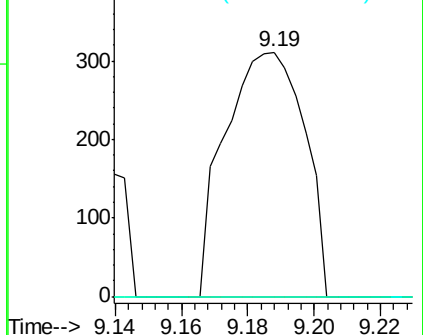
39 0.0 47.4 71.0#

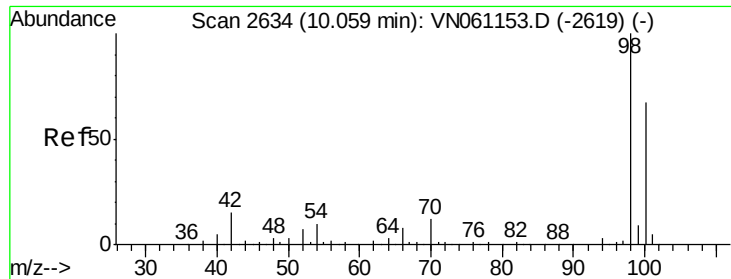


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)





#50

Toluene-d8

Concen: 51.754 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

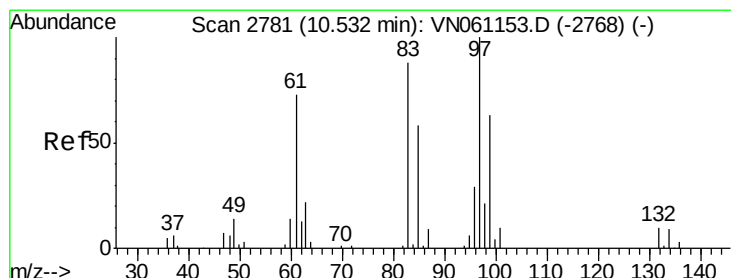
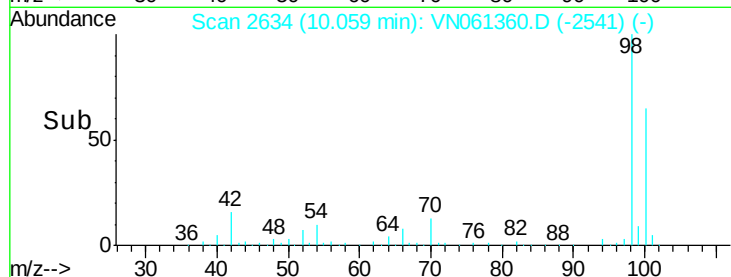
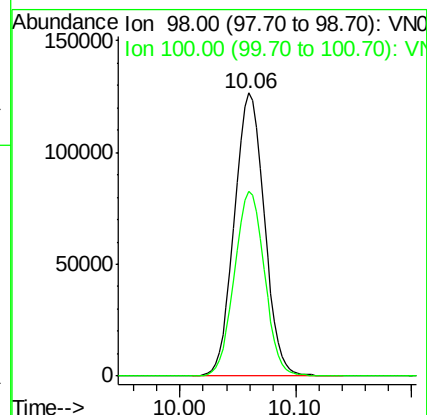
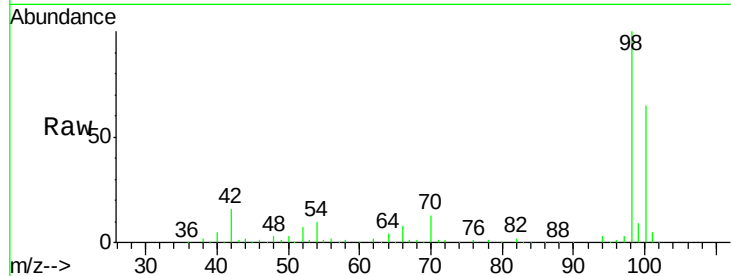
ClientSampleId :

Tot Ion: 98 Resp: 227007

Ion Ratio Lower Upper

98 100

100 65.4 53.4 80.0



#55

1,1,2-Trichloroethane

Concen: 0.297 ug/l

RT: 10.50 min Scan# 2772

Delta R.T. -0.03 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Tgt Ion: 97 Resp: 387

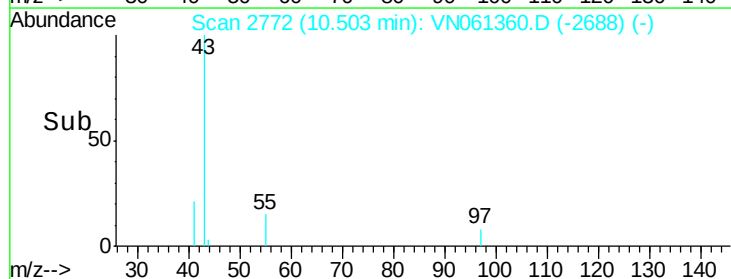
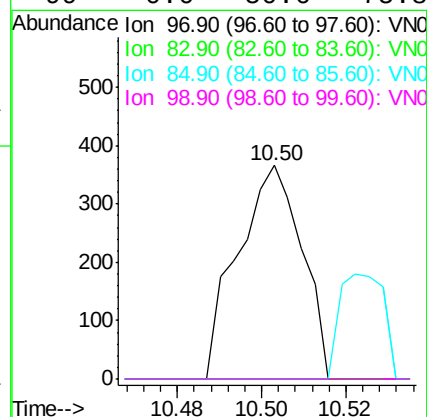
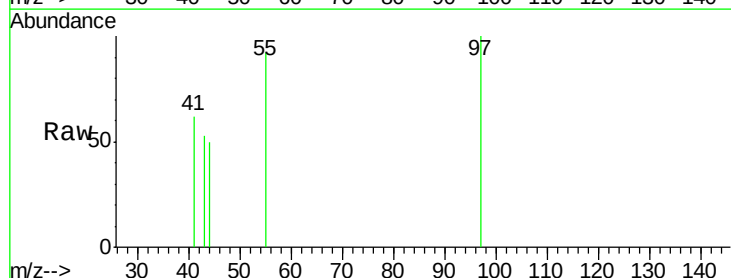
Ion Ratio Lower Upper

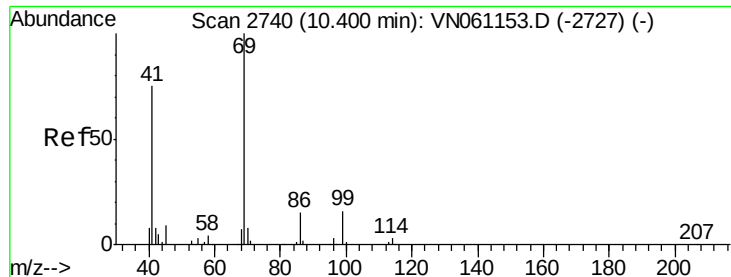
97 100

83 0.0 70.6 106.0#

85 0.0 46.4 69.6#

99 0.0 50.6 75.8#





#56

Ethyl methacrylate

Concen: 2.752 ug/l

RT: 10.41 min Scan# 2742

Delta R.T. 0.01 min

Lab File: VN061360.D

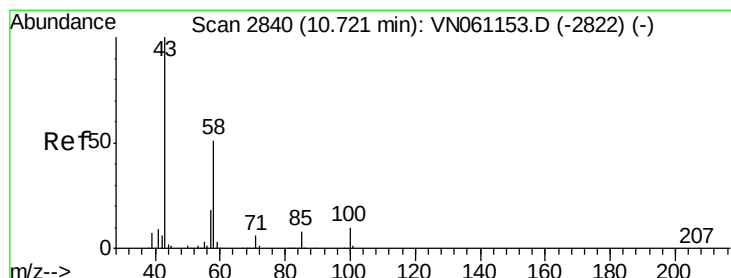
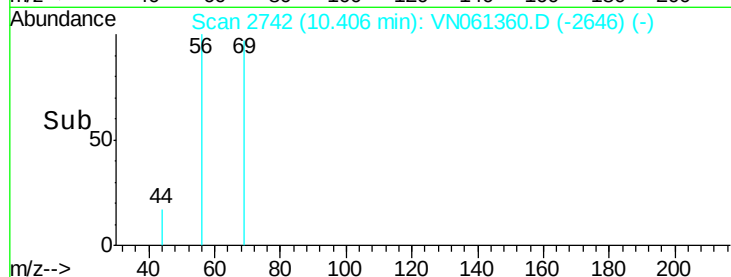
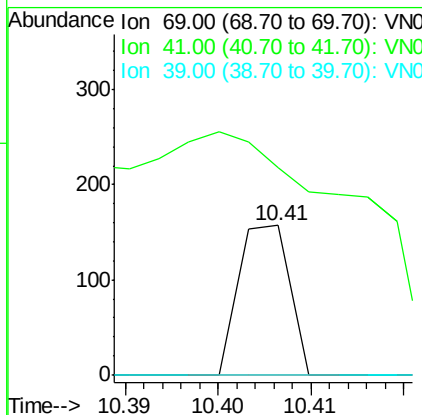
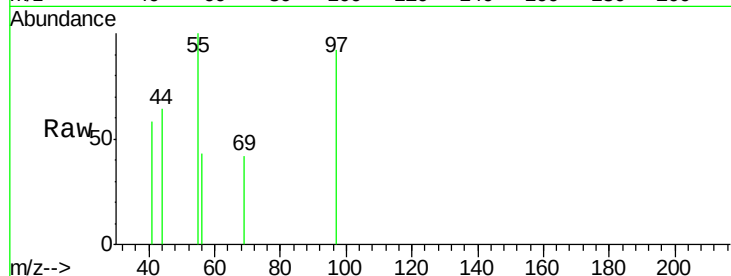
Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	69	Resp:	60
Ion	Ratio	Lower	Upper
69	100		
41	888.3	60.3	90.5#
39	0.0	35.9	53.9#



#59

2-Hexanone

Concen: 1.415 ug/l

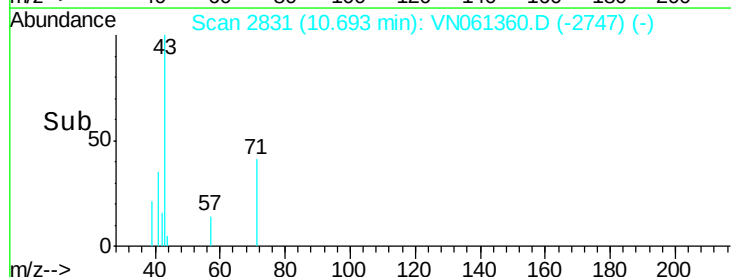
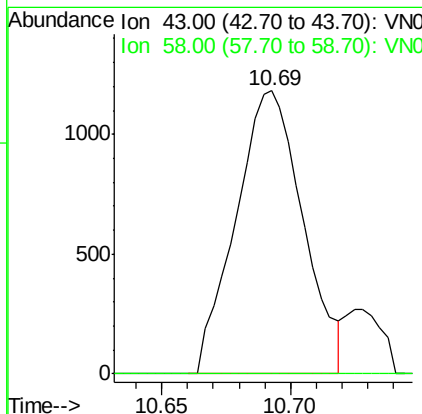
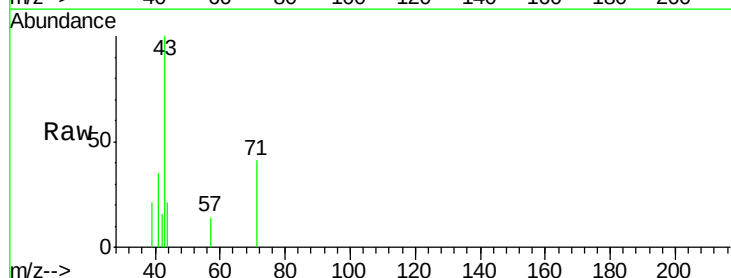
RT: 10.69 min Scan# 2831

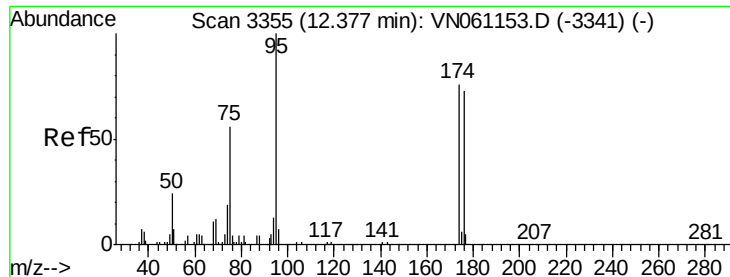
Delta R.T. -0.03 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Tgt Ion:	43	Resp:	2147
Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.4	76.4#





#62

4-Bromofluorobenzene

Concen: 55.319 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

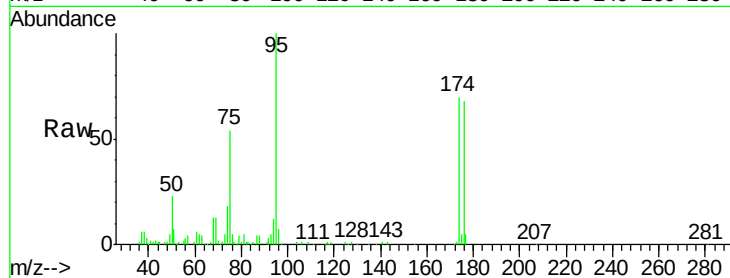
Tot Ion: 95 Resp: 91311

Ion Ratio Lower Upper

95 100

174 71.5 0.0 149.4

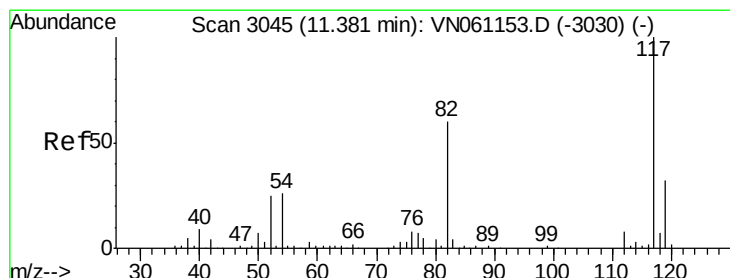
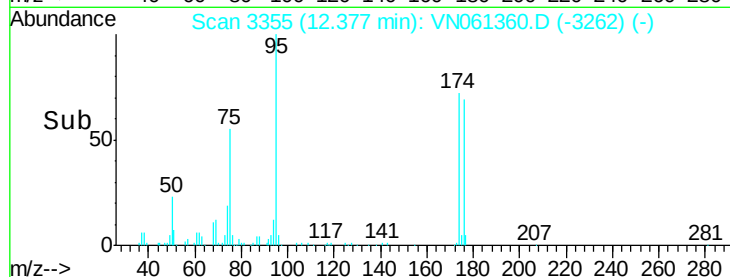
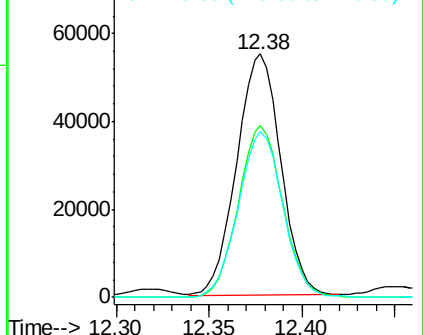
176 69.4 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061153.D (-3341) (-)

Ion 173.80 (173.50 to 174.50): VN061153.D (-3341) (-)

Ion 175.80 (175.50 to 176.50): VN061153.D (-3341) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

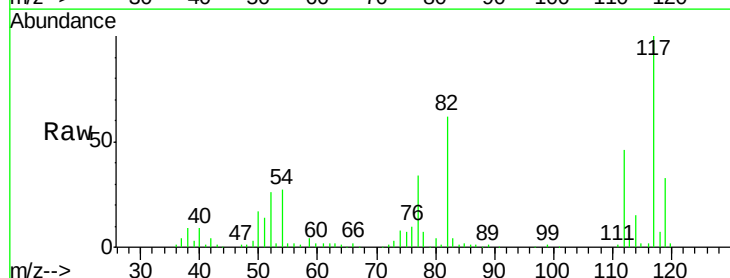
Tgt Ion: 117 Resp: 176327

Ion Ratio Lower Upper

117 100

82 61.8 47.8 71.8

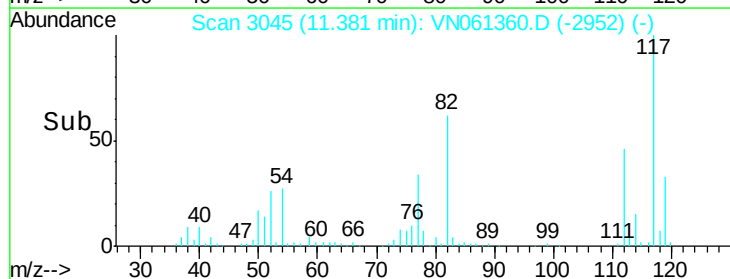
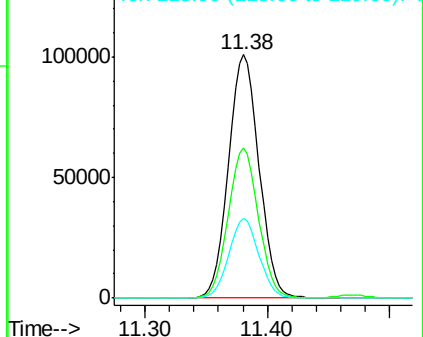
119 32.5 25.8 38.6

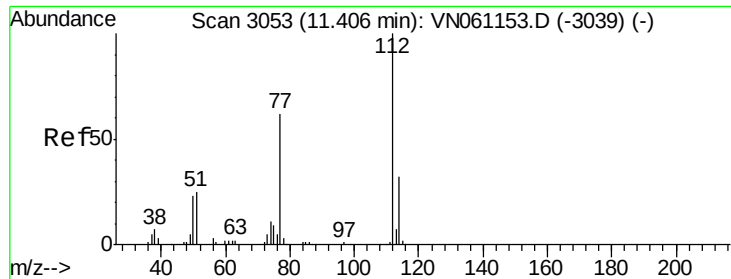


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

Ion 82.00 (81.70 to 82.70): VN061153.D (-3030) (-)

Ion 118.90 (118.60 to 119.60): VN061153.D (-3030) (-)





#65

Chlorobenzene

Concen: 288.730 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

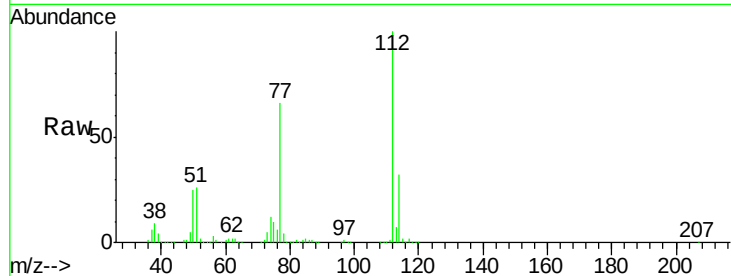
ClientSampled :

Tot Ion:112 Resp: 1009906

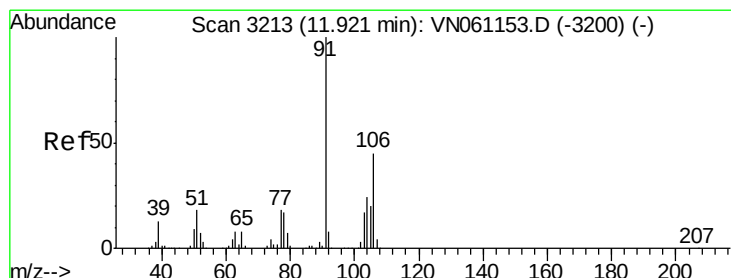
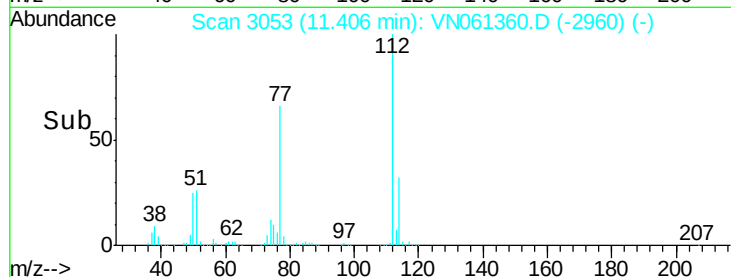
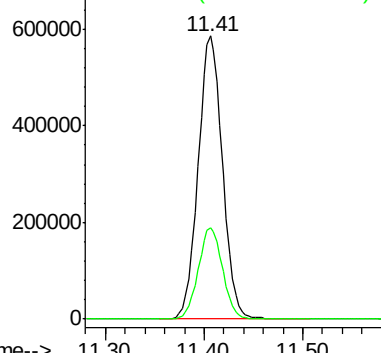
Ion Ratio Lower Upper

112 100

114 32.5 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V



#69

o-Xylene

Concen: 0.256 ug/l

RT: 11.92 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN061360.D

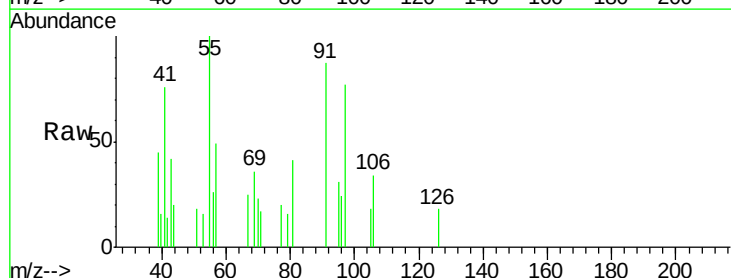
Acq: 8 May 2020 14:36

Tgt Ion:106 Resp: 589

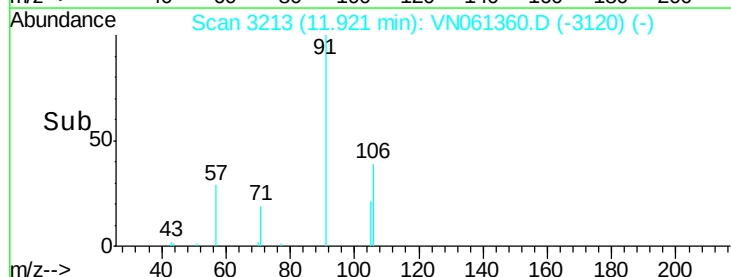
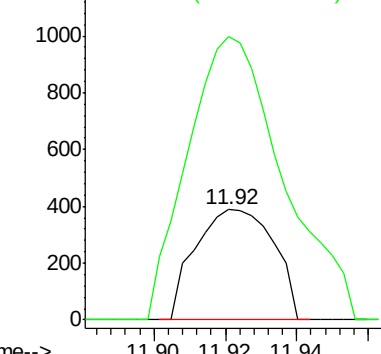
Ion Ratio Lower Upper

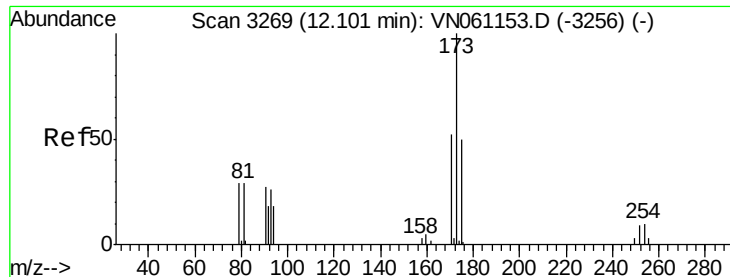
106 100

91 311.9 109.7 329.0



Abundance Ion 106.00 (105.70 to 106.70): V





#71

Bromoform

Concen: 0.414 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.28 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

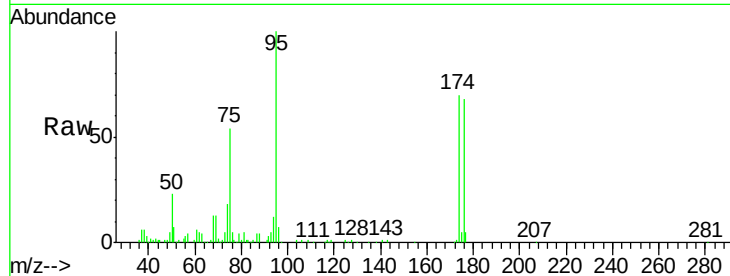
Tot Ion:173 Resp: 381

Ion Ratio Lower Upper

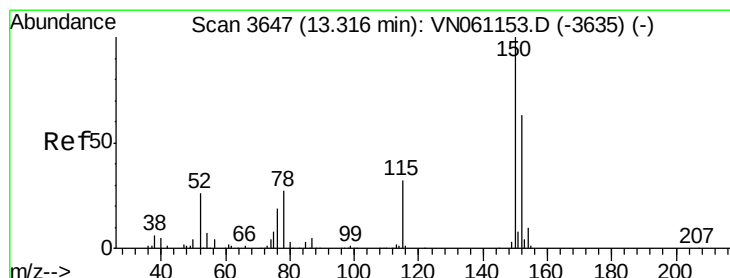
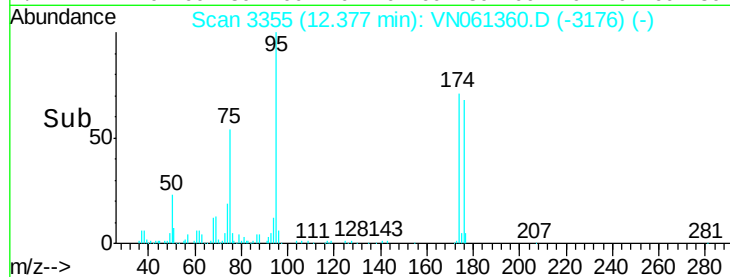
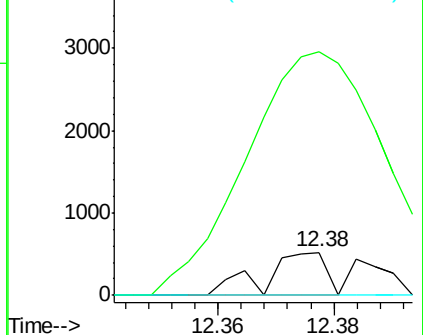
173 100

175 1115.7 24.1 72.4#

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

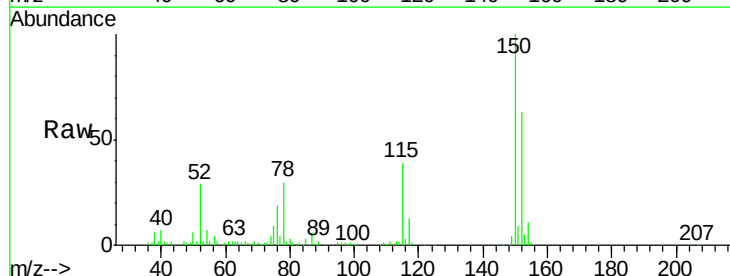
Tgt Ion:152 Resp: 82501

Ion Ratio Lower Upper

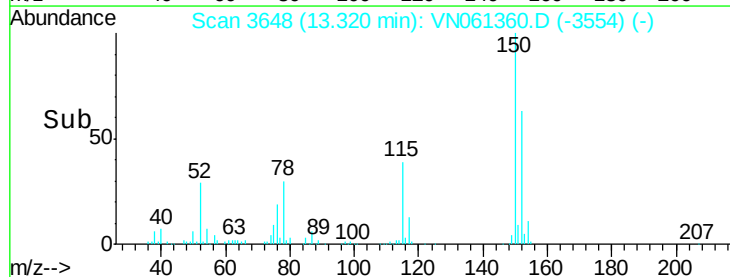
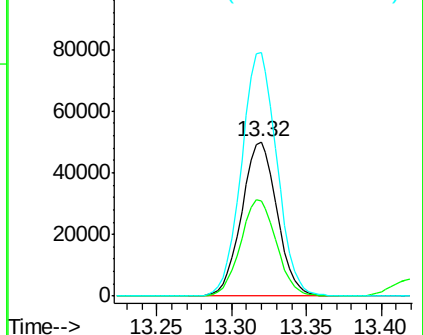
152 100

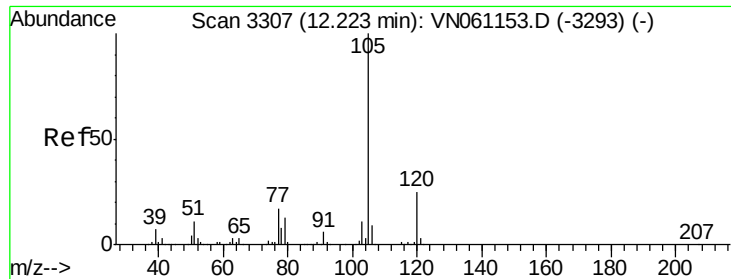
115 63.3 31.0 93.0

150 158.0 0.0 351.8



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: 2.228 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

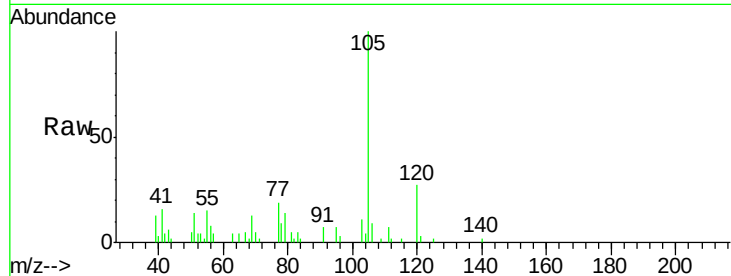
ClientSampleId :

Tot Ion:105 Resp: 13515

Ion Ratio Lower Upper

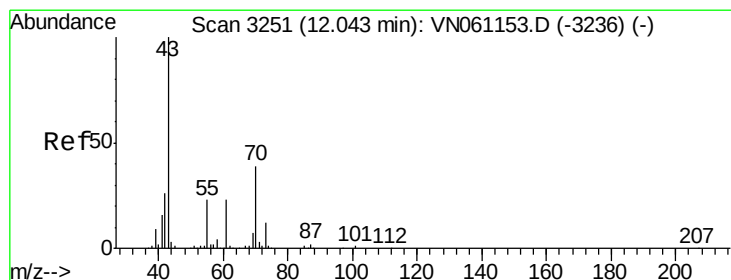
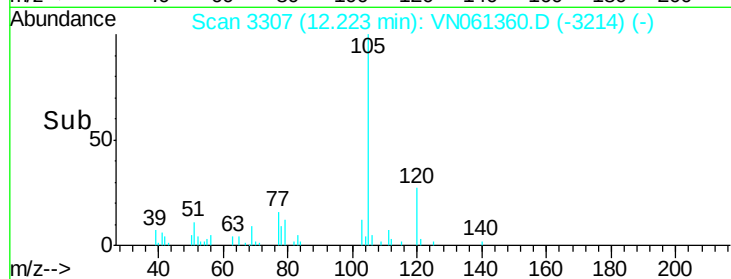
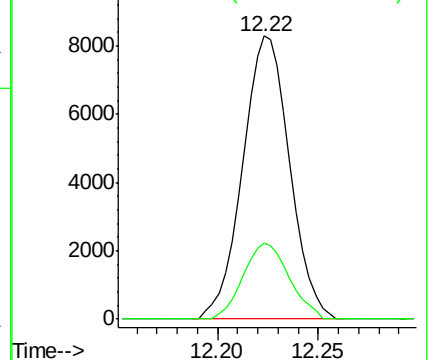
105 100

120 26.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.276 ug/l

RT: 12.02 min Scan# 3243

Delta R.T. -0.03 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Tgt Ion: 43 Resp: 849

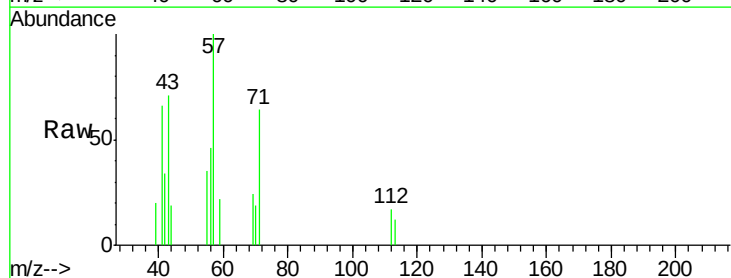
Ion Ratio Lower Upper

43 100

70 0.0 30.6 46.0#

55 0.0 18.5 27.7#

61 0.0 17.9 26.9#

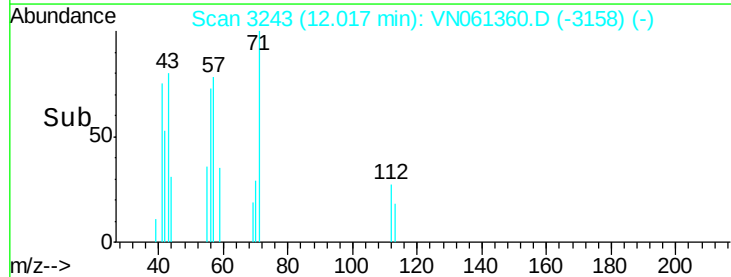
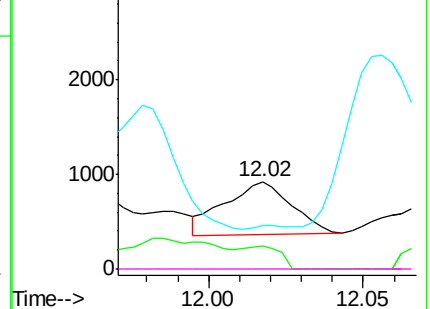


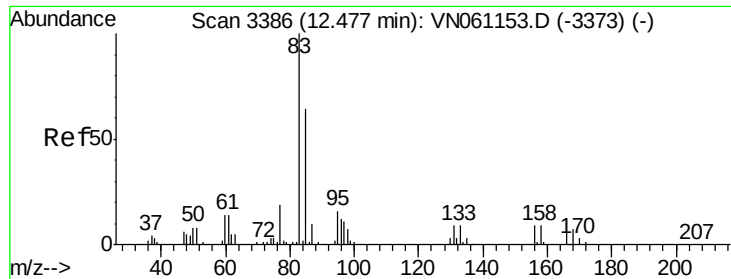
Abundance Ion 43.00 (42.70 to 43.70): V

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: 0.474 ug/l

RT: 12.43 min Scan# 3372

Delta R.T. -0.04 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampled :

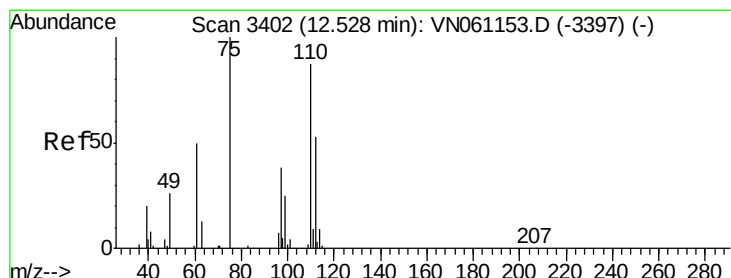
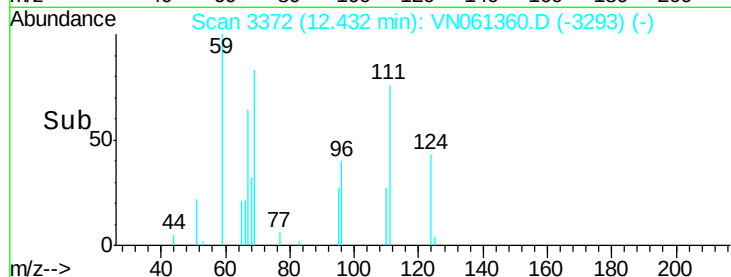
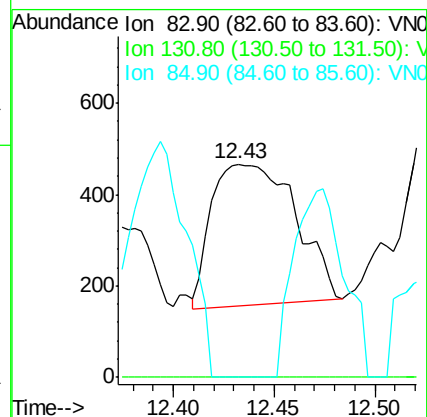
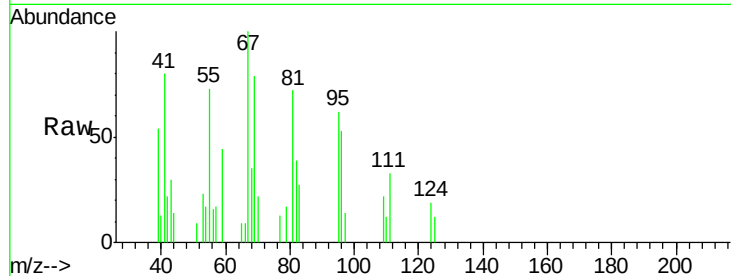
Tot Ion: 83 Resp: 896

Ion Ratio Lower Upper

83 100

131 0.0 4.8 14.3#

85 0.0 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 28.414 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061360.D

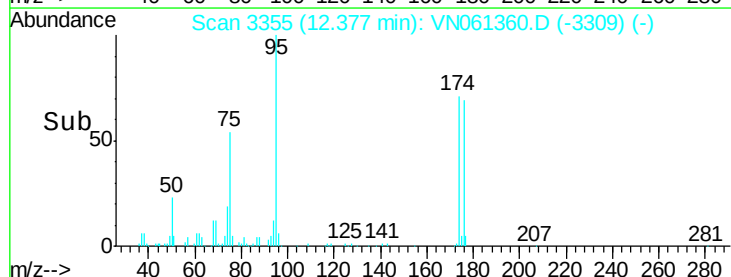
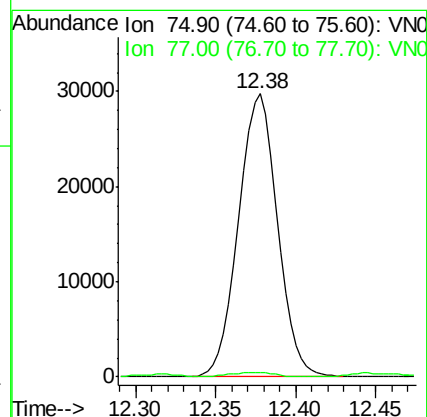
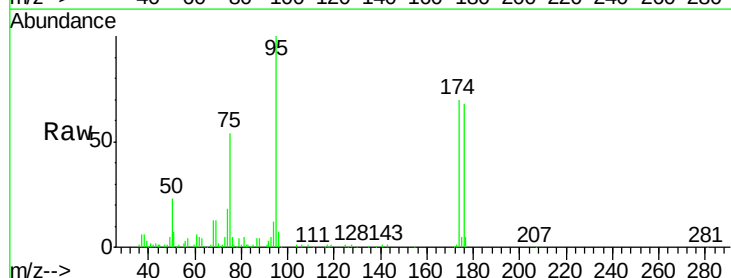
Acq: 8 May 2020 14:36

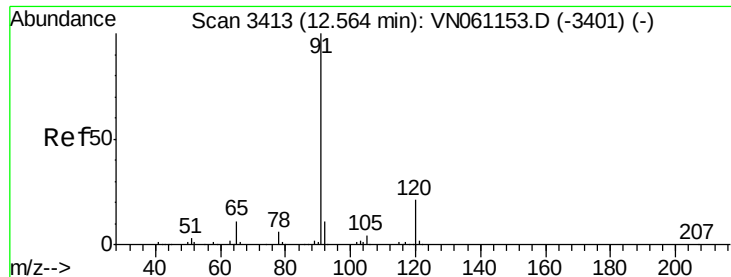
Tgt Ion: 75 Resp: 49422

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#





#78

n-propylbenzene

Concen: 1.168 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

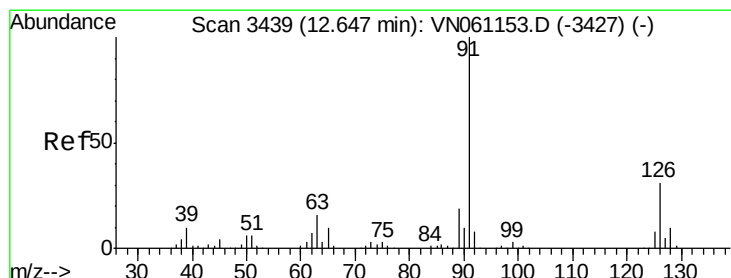
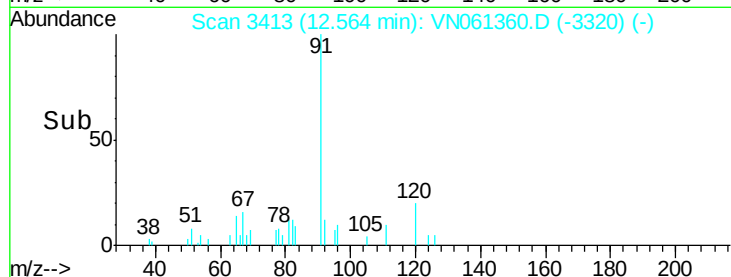
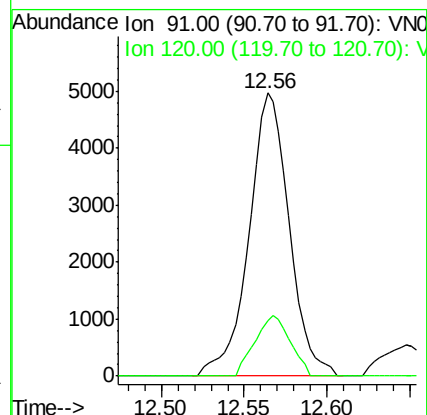
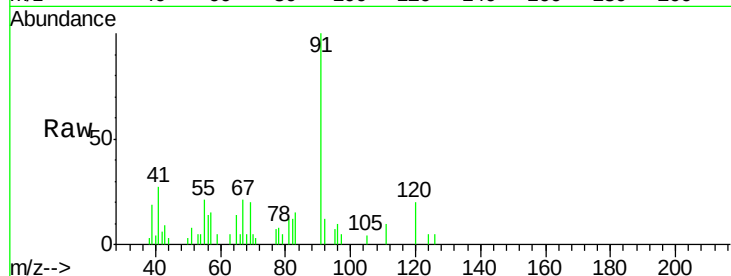
ClientSampled :

Tot Ion: 91 Resp: 8400

Ion Ratio Lower Upper

91 100

120 18.7 10.8 32.3



#79

2-Chlorotoluene

Concen: 0.233 ug/l

RT: 12.87 min Scan# 3507

Delta R.T. 0.22 min

Lab File: VN061360.D

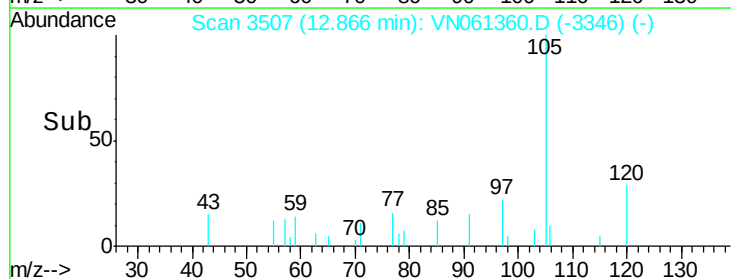
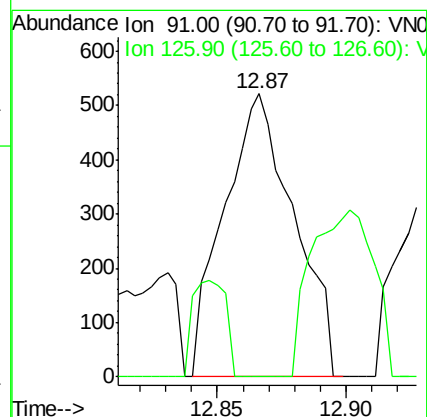
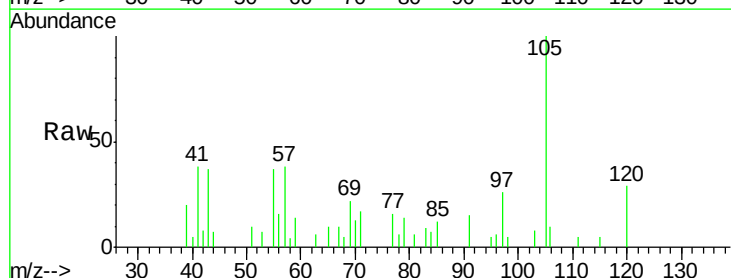
Acq: 8 May 2020 14:36

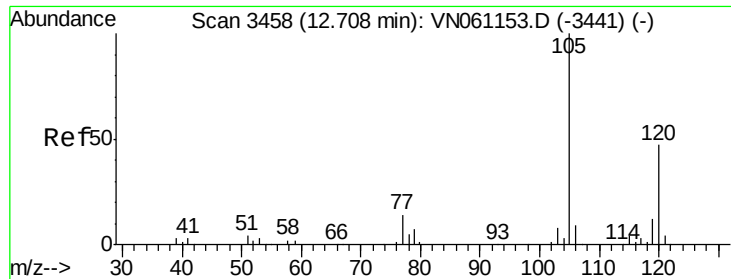
Tgt Ion: 91 Resp: 985

Ion Ratio Lower Upper

91 100

126 16.1 15.9 47.7

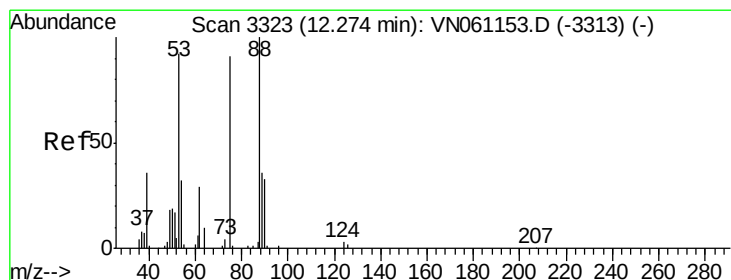
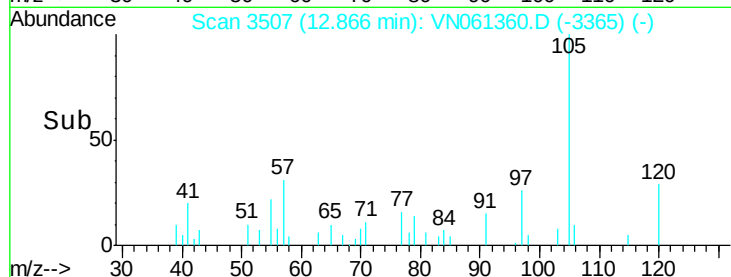
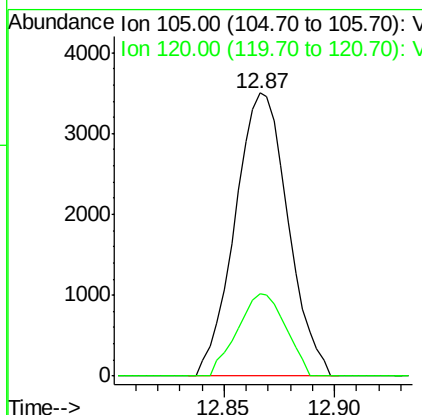
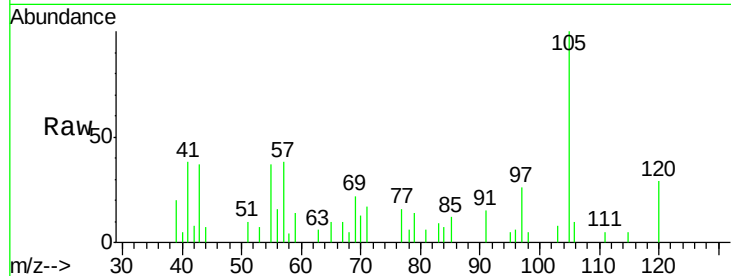




#80
 1,3,5-Trimethylbenzene
 Concen: 1.161 ug/l
 RT: 12.87 min Scan# 3507
 Delta R.T. 0.16 min
 Lab File: VN061360.D
 Acq: 8 May 2020 14:36

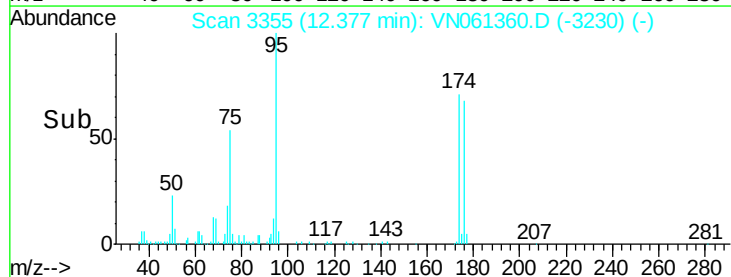
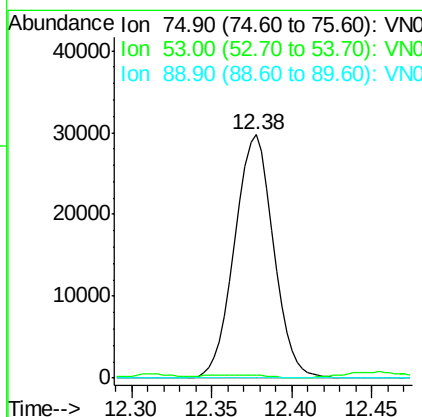
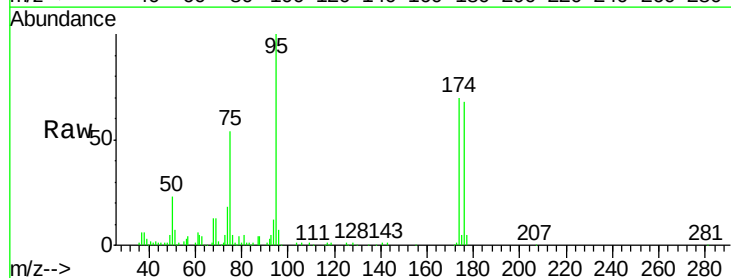
Instrument :
 MSVOA_N
 ClientSampled :

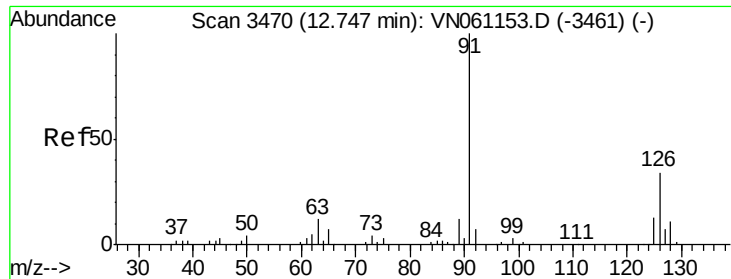
Tot Ion:105 Resp: 5830
 Ion Ratio Lower Upper
 105 100
 120 26.5 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.157 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061360.D
 Acq: 8 May 2020 14:36

Tgt Ion: 75 Resp: 49422
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.1 126.1#
 89 0.0 35.2 52.8#





#82

4-Chlorotoluene

Concen: 0.221 ug/l

RT: 12.87 min Scan# 3507

Delta R.T. 0.12 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

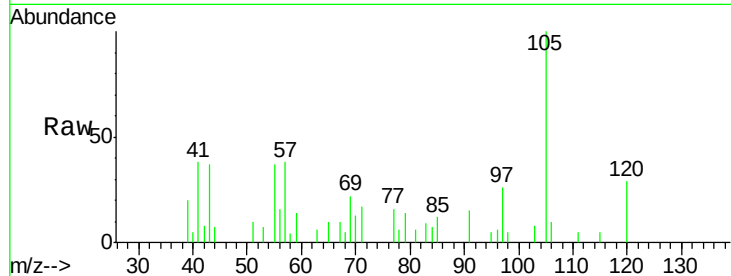
ClientSampled :

Tot Ion: 91 Resp: 985

Ion Ratio Lower Upper

91 100

126 16.1 15.7 47.1



Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3461) (-)

Ion 125.90 (125.60 to 126.60): VN061153.D (-3461) (-)

12.87

12.87

12.87

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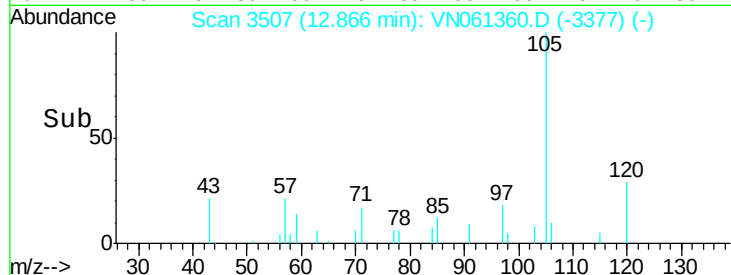
12.87

12.87

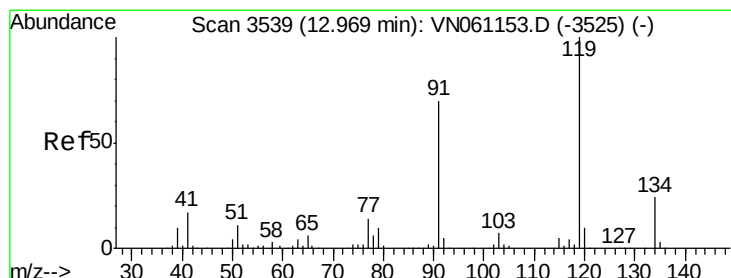
12.87

12.87

12.87



Time-->



#83

tert-Butylbenzene

Concen: 5.268 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

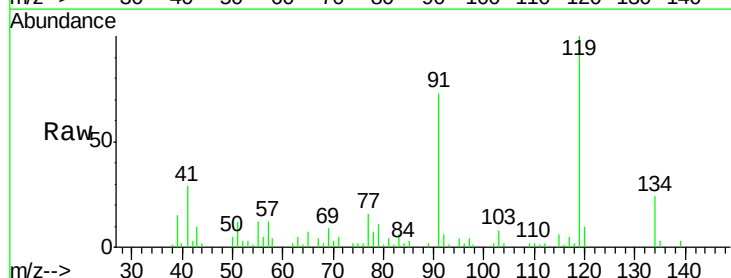
Tgt Ion: 119 Resp: 22296

Ion Ratio Lower Upper

119 100

91 77.1 34.8 104.4

134 23.9 12.9 38.7



Abundance Ion 119.00 (118.70 to 119.70): VN061153.D (-3525) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-3525) (-)

Ion 134.00 (133.70 to 134.70): VN061153.D (-3525) (-)

12.97

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12.97

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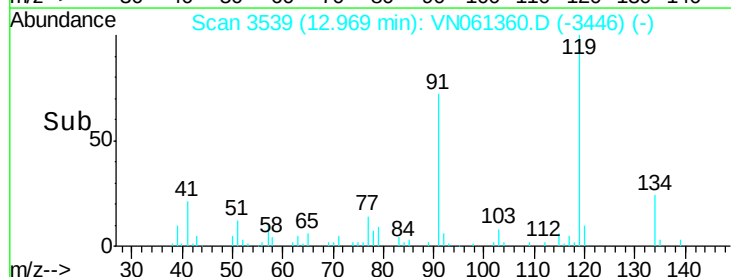
12.97

12.97

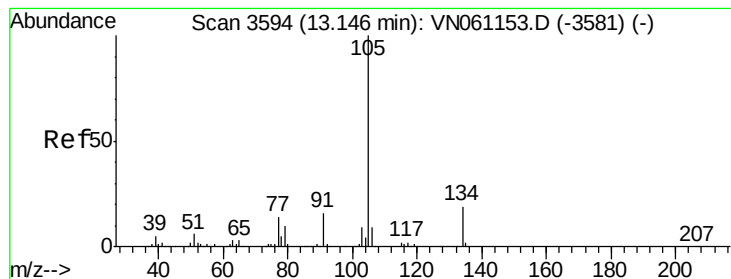
12.97

12.97

12.97



Time-->



#85

sec-Butylbenzene

Concen: 4.641 ug/l

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

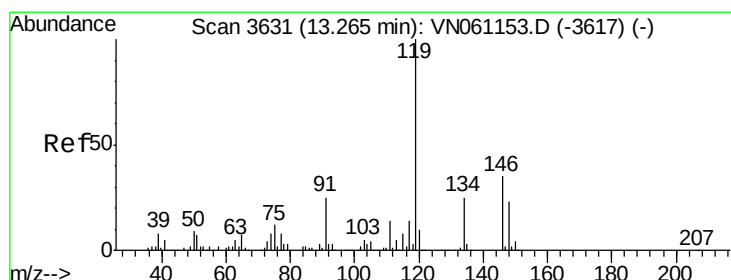
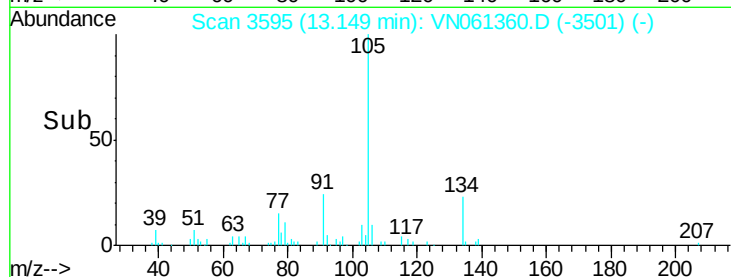
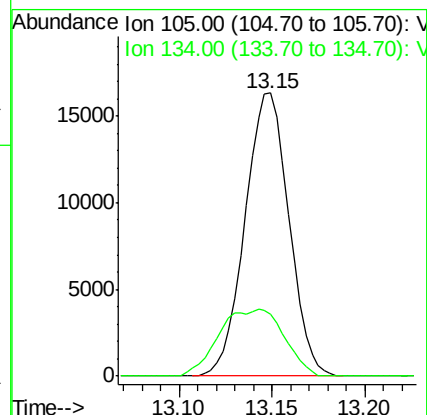
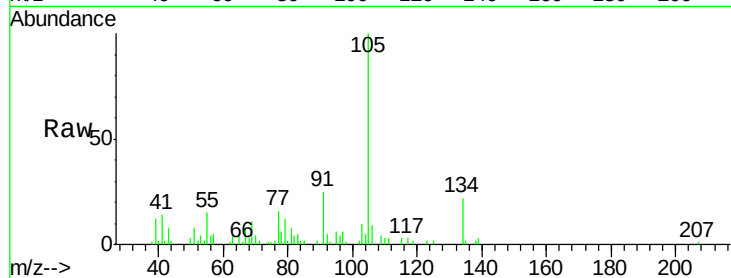
ClientSampleId :

Tot Ion:105 Resp: 26783

Ion Ratio Lower Upper

105 100

134 35.0 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 18.829 ug/l

RT: 13.42 min Scan# 3679

Delta R.T. 0.15 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

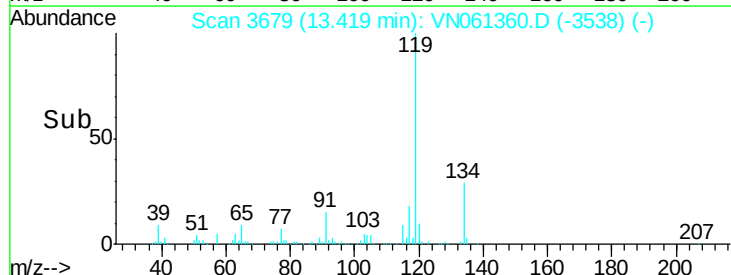
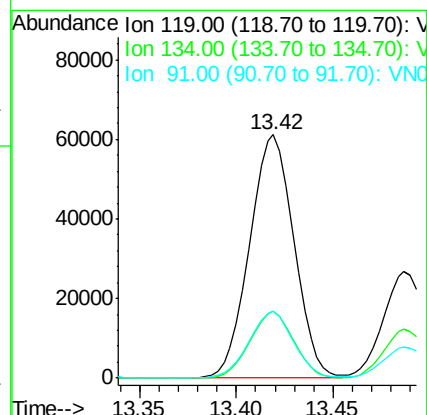
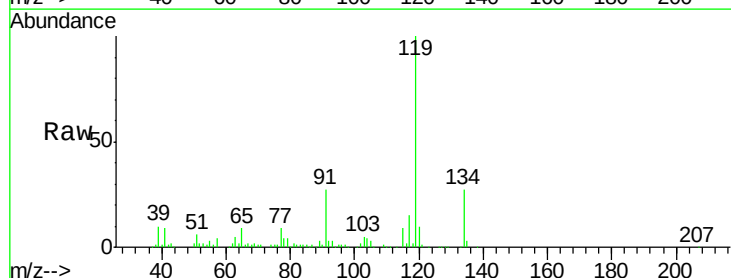
Tgt Ion:119 Resp: 97897

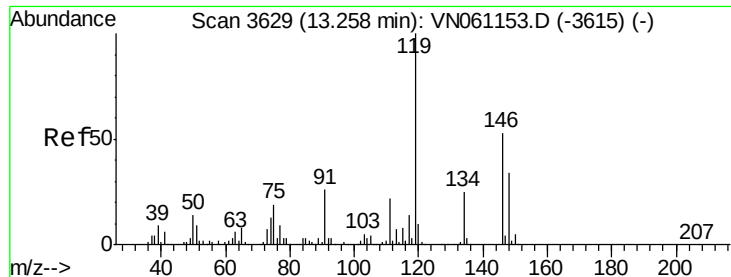
Ion Ratio Lower Upper

119 100

134 26.9 12.6 37.6

91 27.7 12.7 38.0

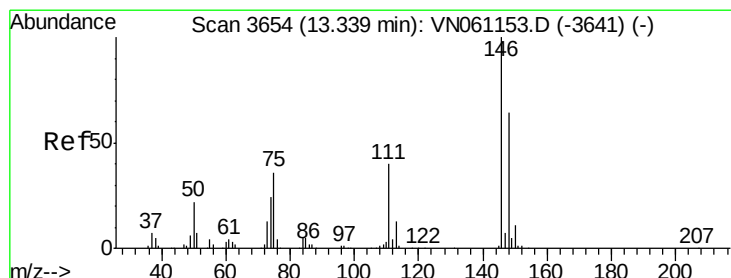
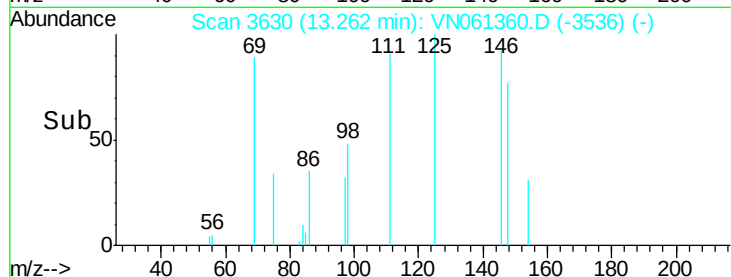
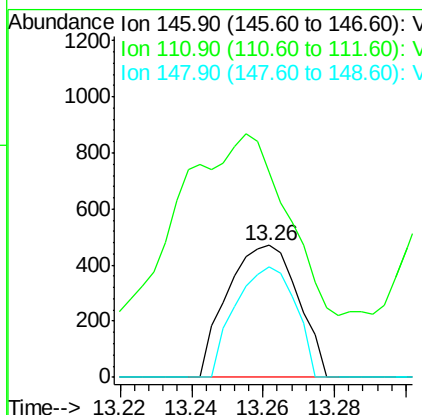
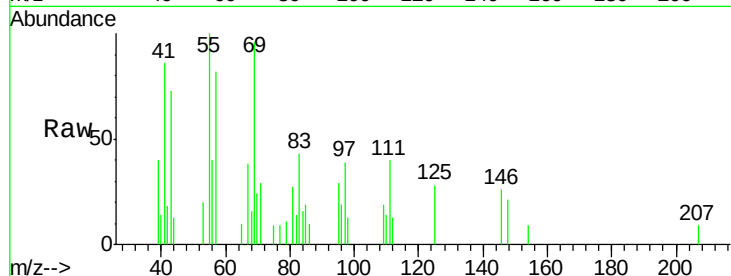




#87
 1,3-Dichlorobenzene
 Concen: 0.250 ug/l
 RT: 13.26 min Scan# 3630
 Delta R.T. 0.00 min
 Lab File: VN061360.D
 Acq: 8 May 2020 14:36

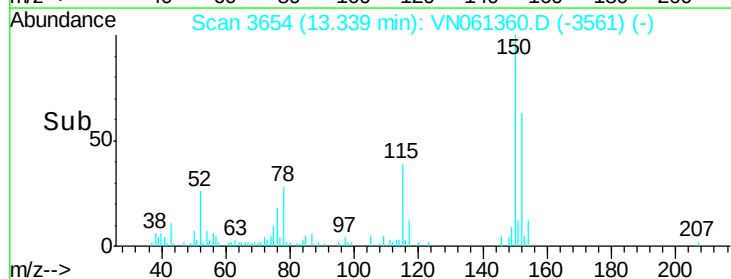
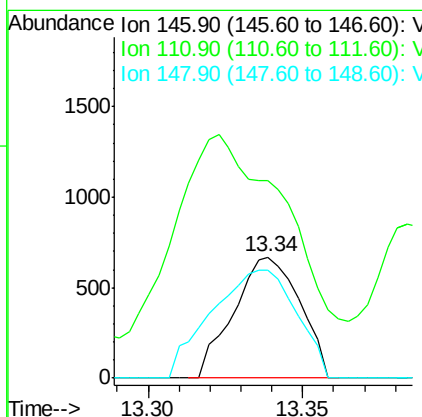
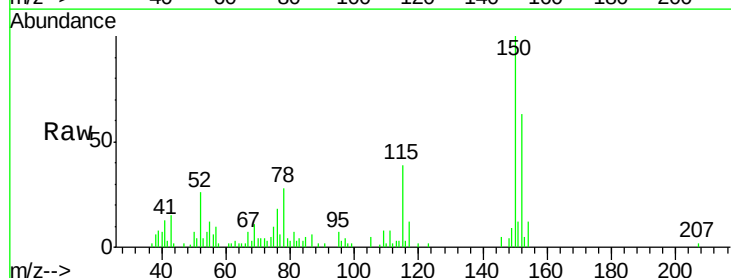
Instrument :
 MSVOA_N
 ClientSampled :

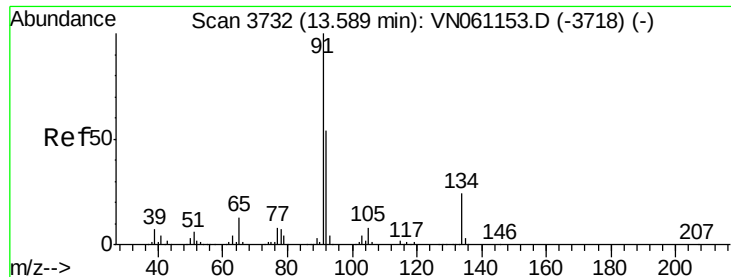
Tot Ion:146 Resp: 645
 Ion Ratio Lower Upper
 146 100
 111 263.9 20.7 62.1#
 148 70.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 0.377 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061360.D
 Acq: 8 May 2020 14:36

Tgt Ion:146 Resp: 994
 Ion Ratio Lower Upper
 146 100
 111 275.5 20.4 61.3#
 148 115.3 31.9 95.7#





#89

n-Butylbenzene

Concen: 0.748 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampled :

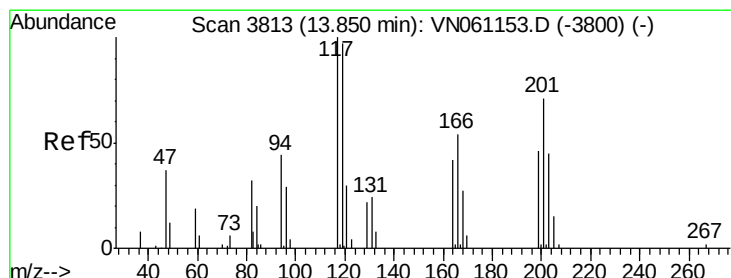
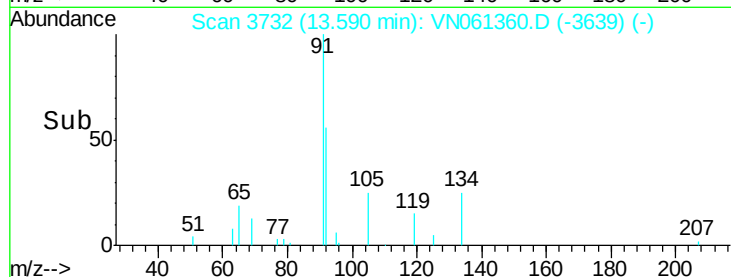
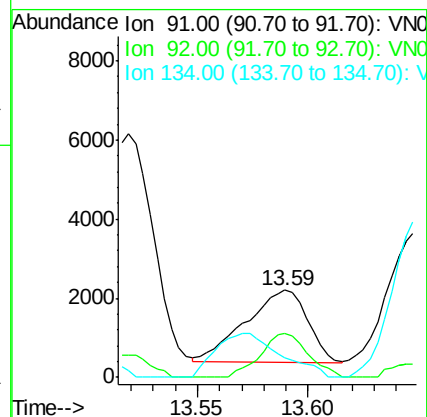
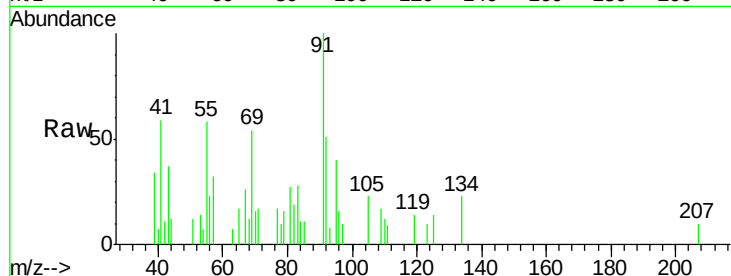
Tot Ion: 91 Resp: 3564

Ion Ratio Lower Upper

91 100

92 46.7 26.8 80.3

134 63.5 11.9 35.5#



#90

Hexachloroethane

Concen: 25.320 ug/l

RT: 13.87 min Scan# 3818

Delta R.T. 0.02 min

Lab File: VN061360.D

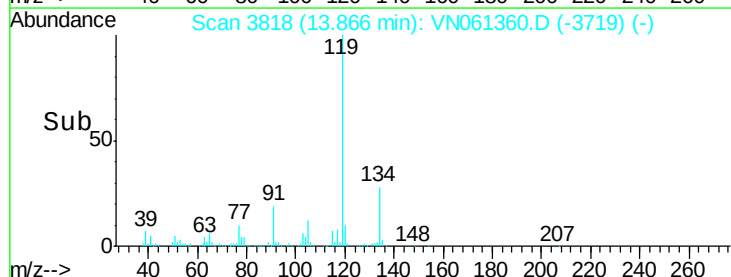
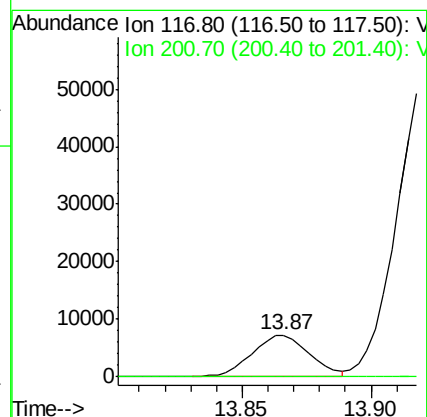
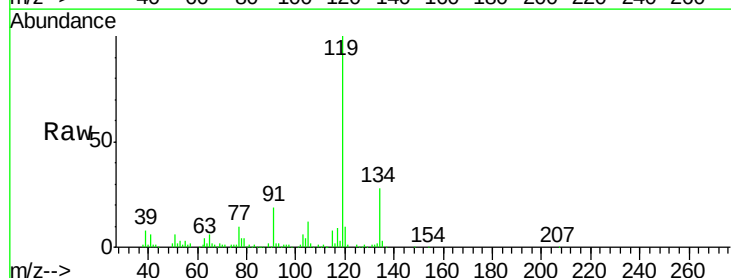
Acq: 8 May 2020 14:36

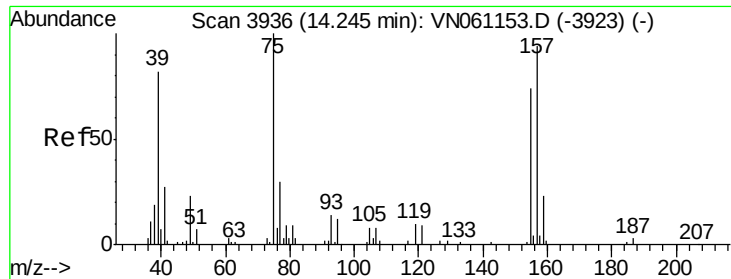
Tgt Ion: 117 Resp: 11323

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.711 ug/l

RT: 14.19 min Scan# 3918

Delta R.T. -0.06 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

Instrument :

MSVOA_N

ClientSampleId :

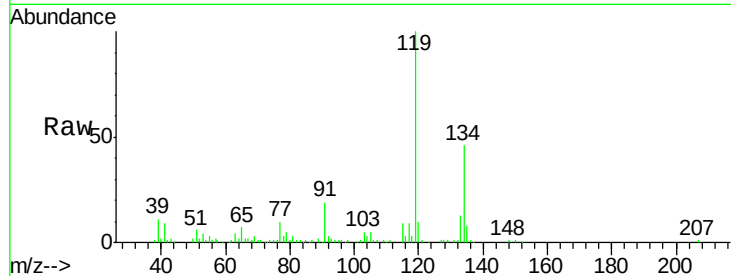
Tot Ion: 75 Resp: 1083

Ion Ratio Lower Upper

75 100

155 0.0 36.5 109.7#

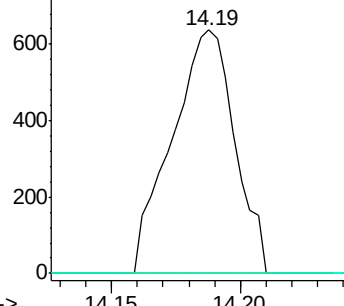
157 0.0 46.6 139.7#



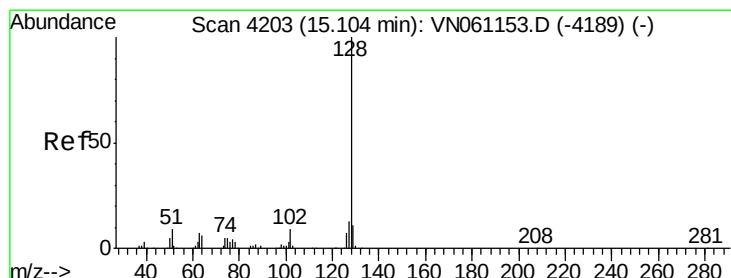
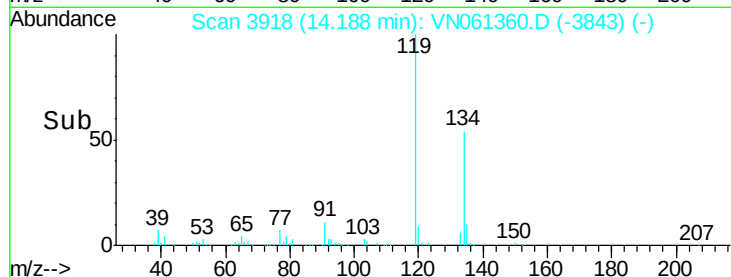
Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3923) (-)

Ion 154.80 (154.50 to 155.50): VN061153.D (-3923) (-)

Ion 156.80 (156.50 to 157.50): VN061153.D (-3923) (-)



Time-->



#95

Naphthalene

Concen: 0.468 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061360.D

Acq: 8 May 2020 14:36

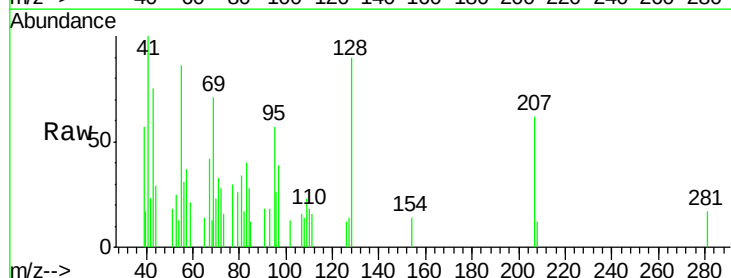
Tgt Ion: 128 Resp: 2295

Ion Ratio Lower Upper

128 100

127 9.3 10.4 15.6#

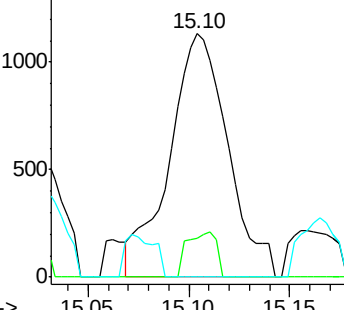
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): VN061153.D (-4189) (-)

Ion 127.00 (126.70 to 127.70): VN061153.D (-4189) (-)

Ion 129.00 (128.70 to 129.70): VN061153.D (-4189) (-)



Time-->

