

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061361.D
 Acq On : 8 May 2020 14:59
 Operator : JC/MD
 Sample : L2544-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 09 00:29:29 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	101473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	176900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	170153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	77760	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	78619	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	7.55	113	51703	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
50) Toluene-d8	10.06	98	220769	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.38	95	86986	54.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.42%	

Target Compounds

						Qvalue
3) Chloromethane	2.03	50	362	0.278	ug/l #	42
4) Vinyl Chloride	2.16	62	970	0.655	ug/l #	88
14) Allyl chloride	4.48	41	13454	6.777	ug/l #	65
15) Acrylonitrile	5.00	53	1376	2.084	ug/l #	32
16) Acetone	3.77	43	2167	Below Cal	#	47
18) Methyl Acetate	4.48	43	28958	14.773	ug/l #	55
25) 2-Butanone	6.77	43	1116	1.175	ug/l #	53
26) 2,2-Dichloropropane	6.58	77	646	0.319	ug/l #	55
27) cis-1,2-Dichloroethene	6.78	96	7941	5.804	ug/l	88
31) Cyclohexane	7.62	56	103368	44.254	ug/l	98
36) 1,1-Dichloropropene	7.63	75	9642	5.445	ug/l #	62
37) Ethyl Acetate	6.77	43	1116	0.538	ug/l #	1
38) Carbon Tetrachloride	7.62	117	10885	8.716	ug/l #	16
39) Methylcyclohexane	9.05	83	60582	30.505	ug/l	98
40) Benzene	8.00	78	13161	2.495	ug/l	99
41) Methacrylonitrile	7.35	41	286	0.332	ug/l #	100
43) Isopropyl Acetate	8.11	43	4493	1.304	ug/l #	57
44) Trichloroethene	8.80	130	5844	4.098	ug/l	98
45) 1,2-Dichloropropane	9.05	63	542	0.385	ug/l #	1
47) Bromodichloromethane	9.48	83	480	0.256	ug/l #	25
48) Methyl methacrylate	9.19	41	2179	1.402	ug/l #	35
51) 4-Methyl-2-Pentanone	9.99	43	599	0.295	ug/l #	38
55) 1,1,2-Trichloroethane	10.51	97	2656	2.095	ug/l #	19
56) Ethyl methacrylate	10.40	69	2125	3.637	ug/l #	1
59) 2-Hexanone	10.69	43	352	0.239	ug/l #	27
60) Dibromochloromethane	10.60	129	2396	1.805	ug/l #	10
64) Tetrachloroethene	10.60	164	2381	1.616	ug/l	93
65) Chlorobenzene	11.41	112	247505	73.329	ug/l	100
67) Ethyl Benzene	11.49	91	1600	0.253	ug/l #	85
69) o-Xylene	11.92	106	469	0.211	ug/l	50
73) Isopropylbenzene	12.22	105	42218	7.385	ug/l	100
74) N-amyl acetate	12.06	43	815	0.282	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.44	83	479	0.269	ug/l #	25
76) 1,2,3-Trichloropropane	12.38	75	48248	29.430	ug/l #	100

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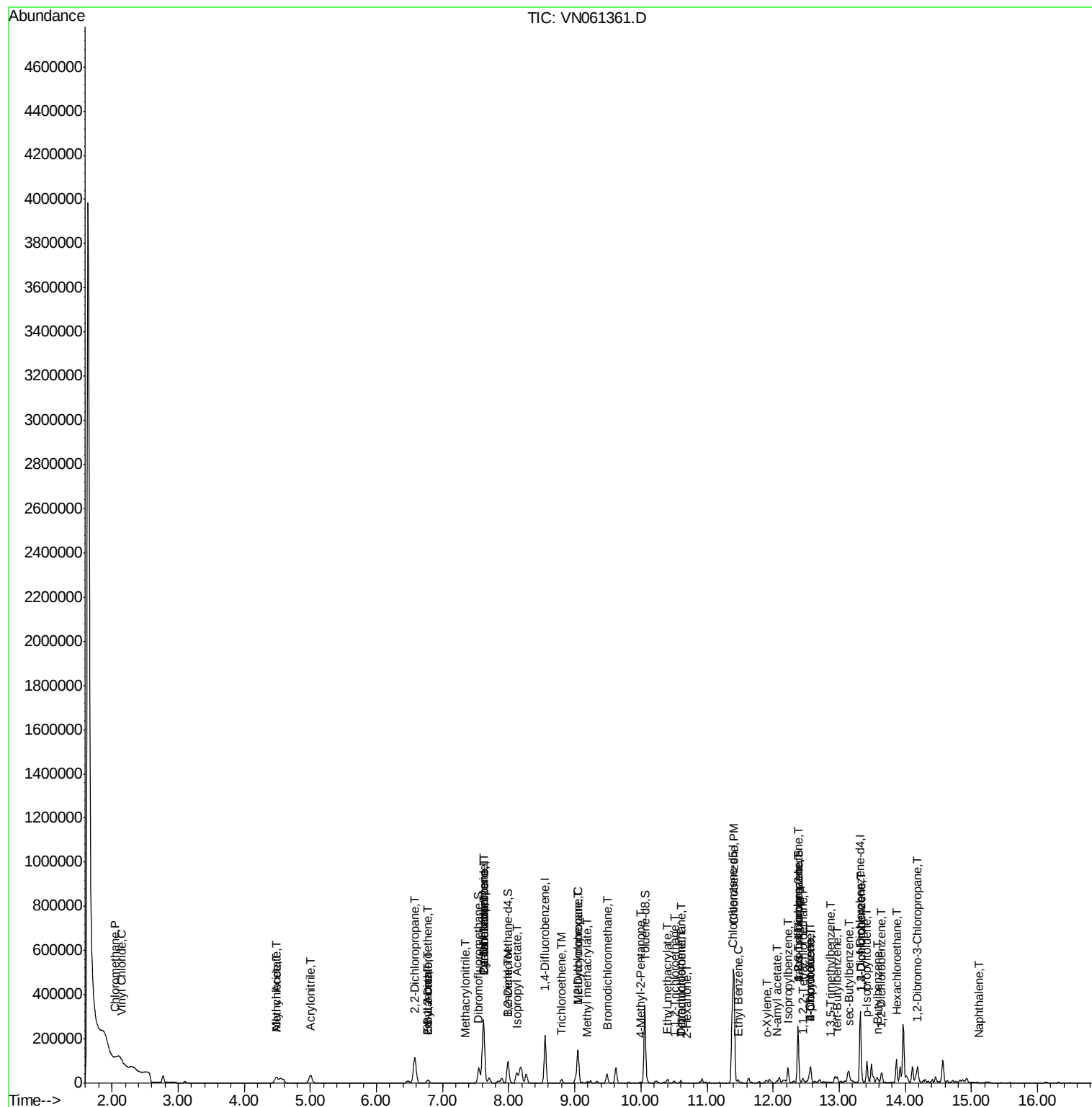
78) n-propylbenzene	12.57	91	57767	8.520	ug/l	98
79) 2-Chlorotoluene	12.57	91	57767	14.495	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.87	105	3294	0.696	ug/l	74
81) trans-1,4-Dichloro-2-buten	12.38	75	48248	74.738	ug/l #	8
82) 4-Chlorotoluene	12.57	91	57767	13.753	ug/l #	43
83) tert-Butylbenzene	12.97	119	12280	3.078	ug/l	90
85) sec-Butylbenzene	13.15	105	26660	4.901	ug/l #	60
86) p-Isopropyltoluene	13.42	119	51651	10.540	ug/l	96
87) 1,3-Dichlorobenzene	13.34	146	7724	3.179	ug/l	87
88) 1,4-Dichlorobenzene	13.34	146	7724	3.112	ug/l	87
89) n-Butylbenzene	13.59	91	8746	1.947	ug/l #	77
90) Hexachloroethane	13.87	117	5754	17.166	ug/l #	14
91) 1,2-Dichlorobenzene	13.63	146	1908	0.819	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.18	75	237	0.630	ug/l #	7
95) Naphthalene	15.11	128	2110	0.457	ug/l #	71

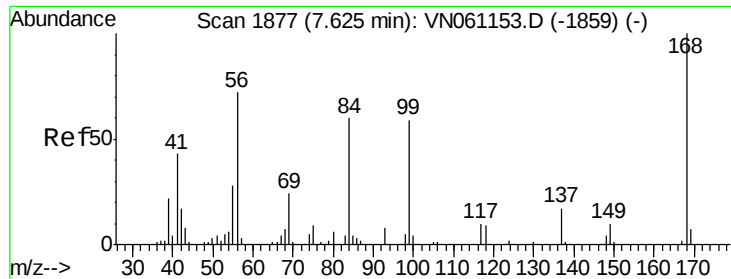
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

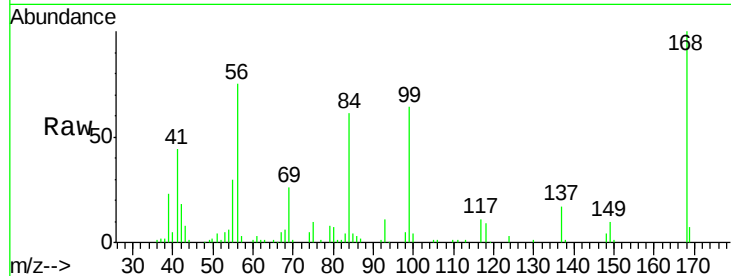
ClientSampleId :

Tot Ion:168 Resp: 101473

Ion Ratio Lower Upper

168 100

99 64.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

40000

30000

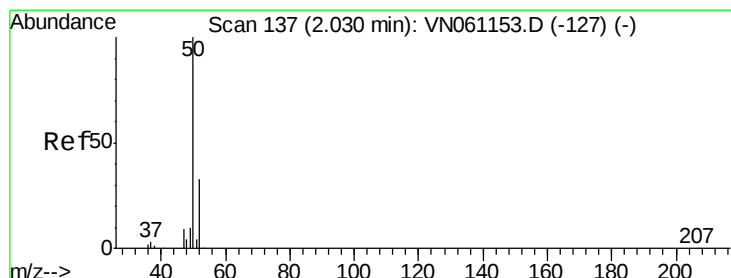
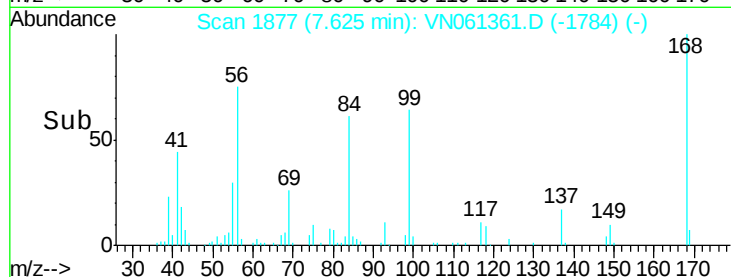
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#3

Chloromethane

Concen: 0.278 ug/l

RT: 2.03 min Scan# 138

Delta R.T. 0.00 min

Lab File: VN061361.D

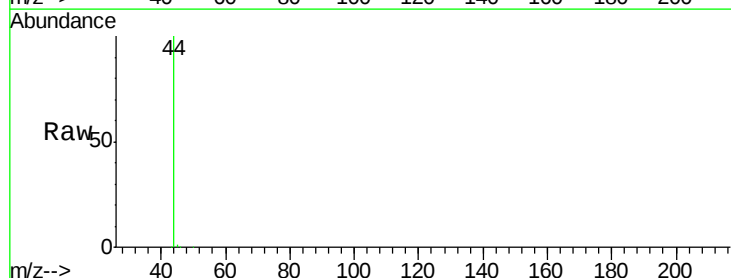
Acq: 8 May 2020 14:59

Tgt Ion: 50 Resp: 362

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

400

300

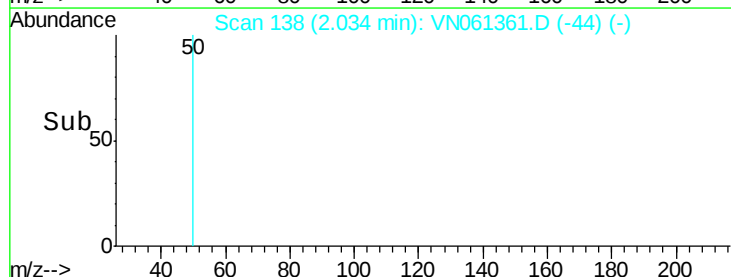
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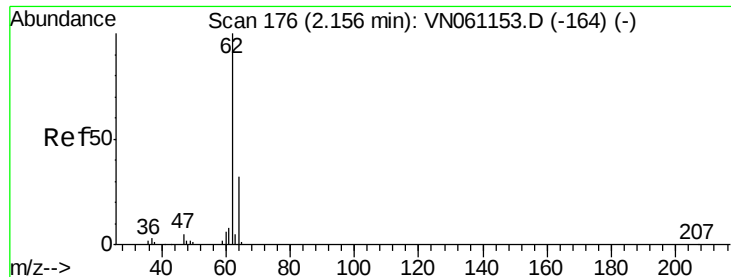
100

0

2.02 2.04 2.06

Time-->





#4

Vinyl Chloride

Concen: 0.655 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

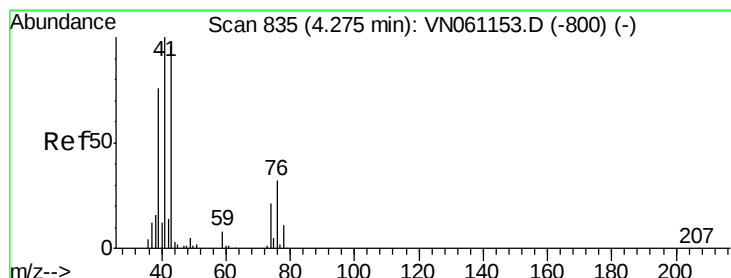
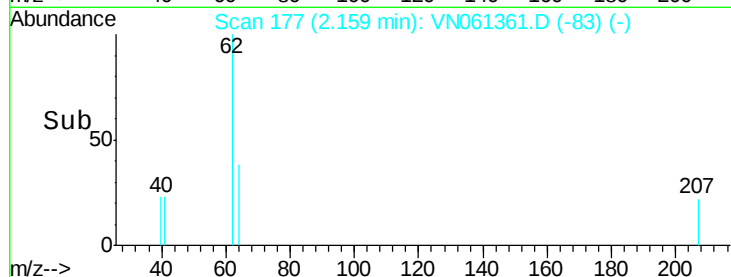
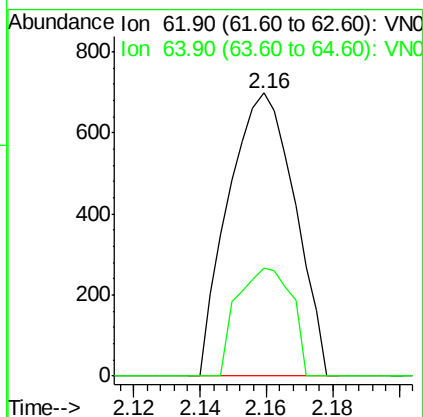
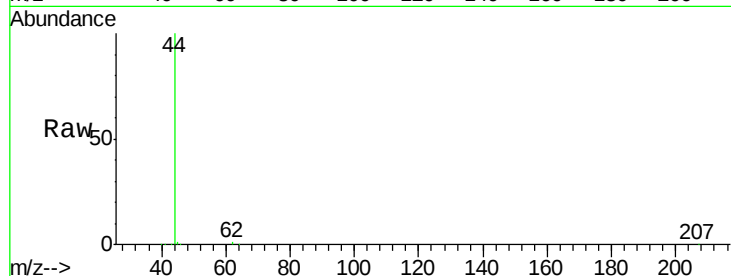
ClientSampleId :

Tot Ion: 62 Resp: 970

Ion Ratio Lower Upper

62 100

64 38.1 25.2 37.8#



#14

Allyl chloride

Concen: 6.777 ug/l

RT: 4.48 min Scan# 898

Delta R.T. 0.20 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

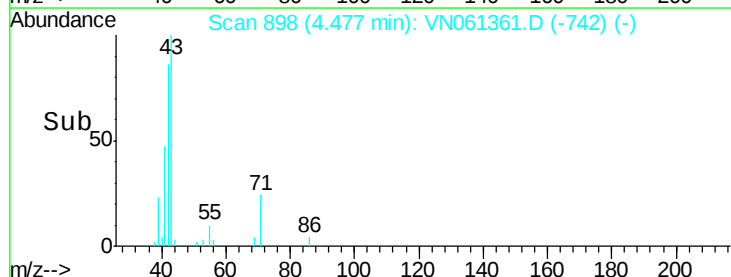
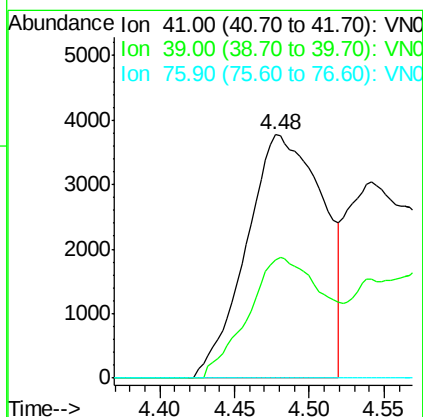
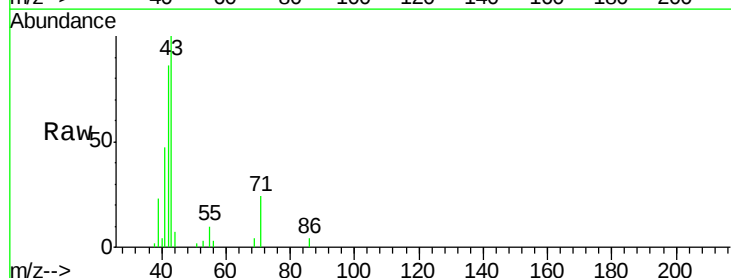
Tgt Ion: 41 Resp: 13454

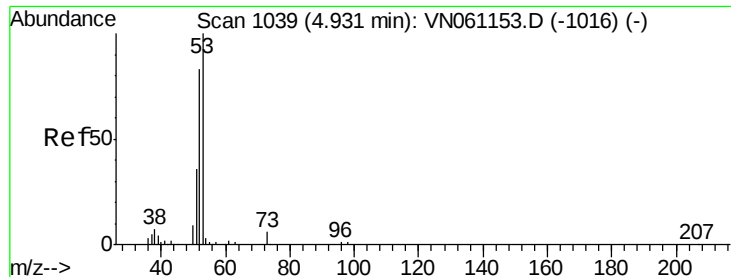
Ion Ratio Lower Upper

41 100

39 49.7 57.1 85.7#

76 0.0 24.3 36.5#





#15

Acrylonitrile

Concen: 2.084 ug/l

RT: 5.00 min Scan# 1061

Delta R.T. 0.07 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

ClientSampled :

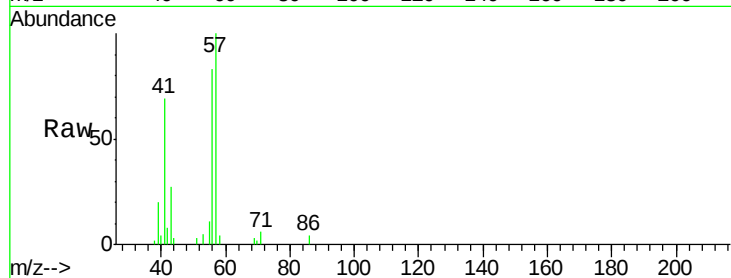
Tot Ion: 53 Resp: 1376

Ion Ratio Lower Upper

53 100

52 0.0 65.4 98.0#

51 26.9 29.5 44.3#



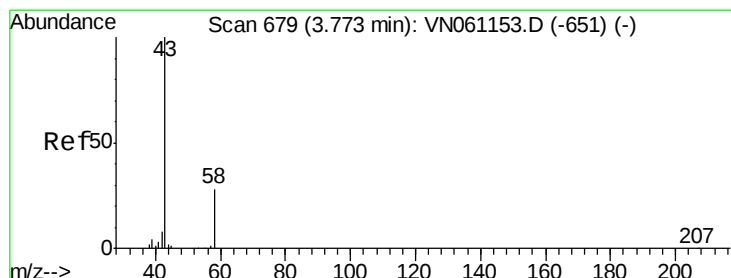
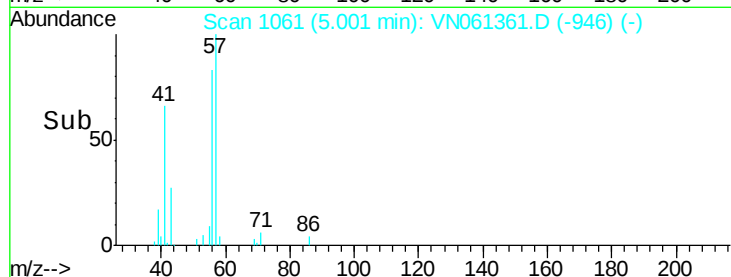
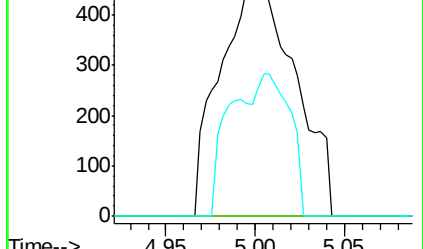
Abundance Ion 53.00 (52.70 to 53.70): VN061153.D (-1016) (-)

Ion 52.00 (51.70 to 52.70): VN061153.D (-1016) (-)

Ion 51.00 (50.70 to 51.70): VN061153.D (-1016) (-)

5.00

4.95 5.00 5.05



#16

Acetone

Concen: Below Cal

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061361.D

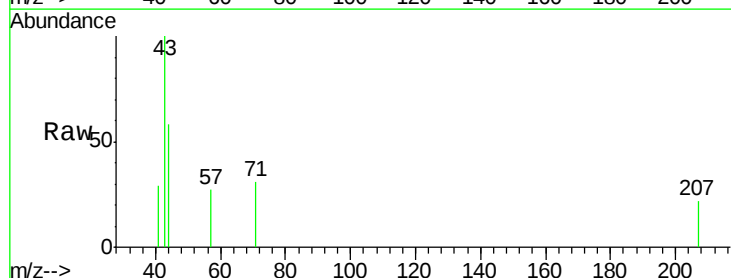
Acq: 8 May 2020 14:59

Tgt Ion: 43 Resp: 2167

Ion Ratio Lower Upper

43 100

58 0.0 22.2 33.2#

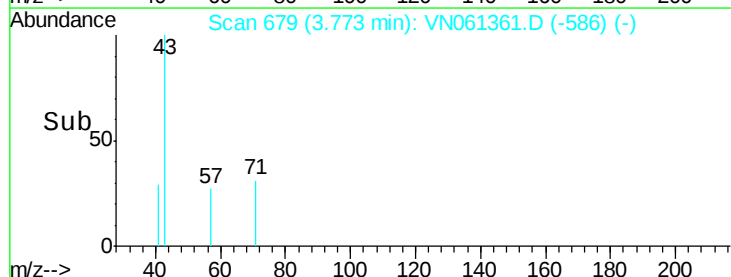
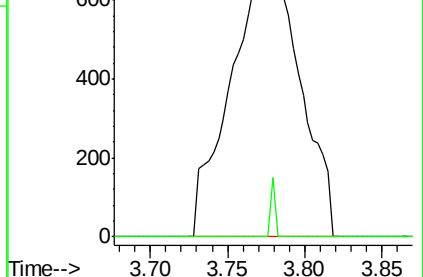


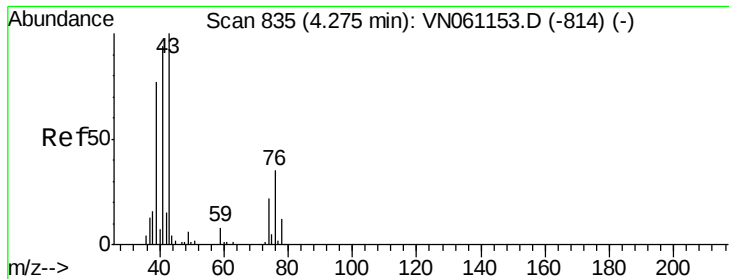
Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-651) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-651) (-)

3.77

3.70 3.75 3.80 3.85

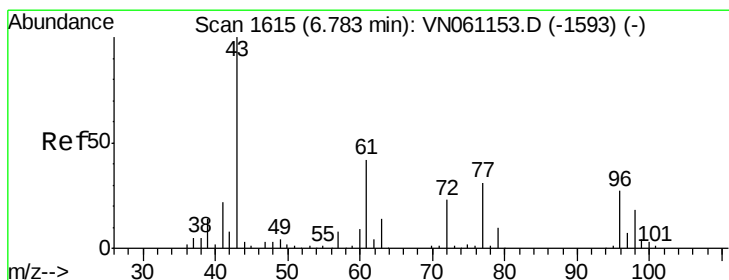
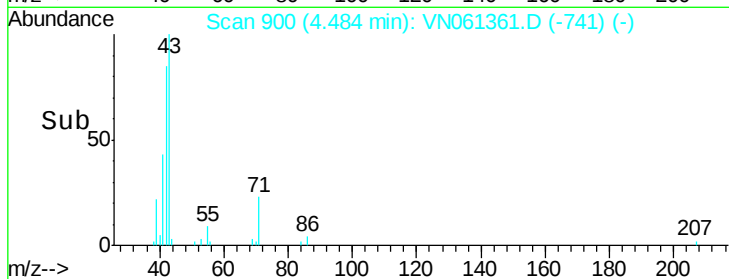
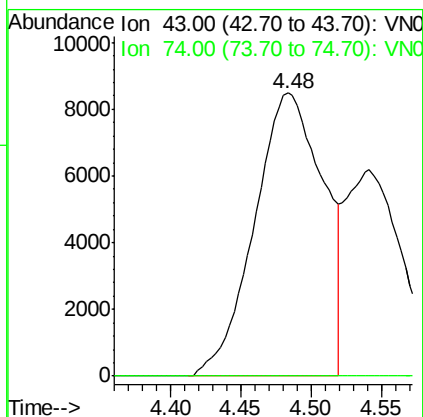
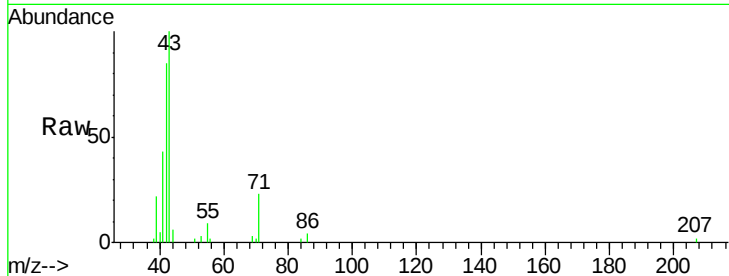




#18
Methvl Acetate
Concen: 14.773 ug/l
RT: 4.48 min Scan# 900
Delta R.T. 0.21 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

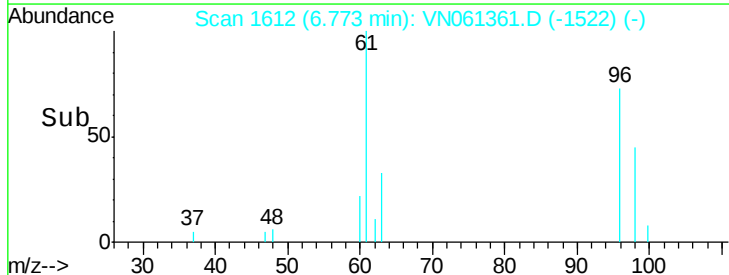
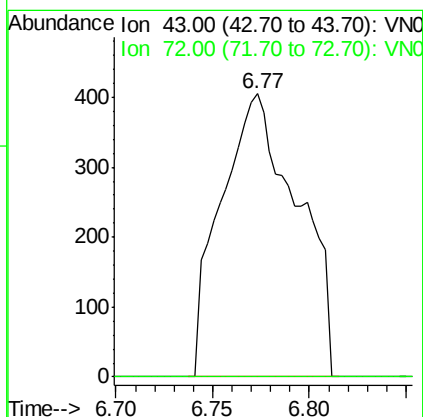
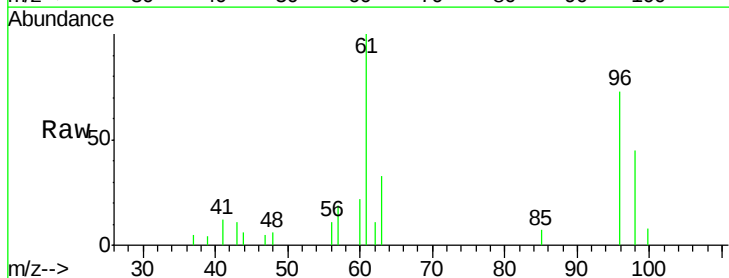
Instrument :
MSVOA_N
ClientSampled :

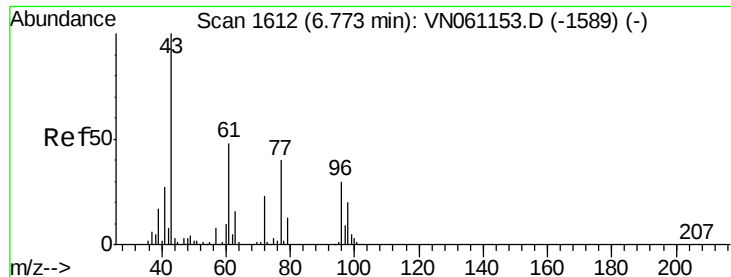
Tot Ion: 43 Resp: 28958
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#25
2-Butanone
Concen: 1.175 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Tgt Ion: 43 Resp: 1116
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.4#

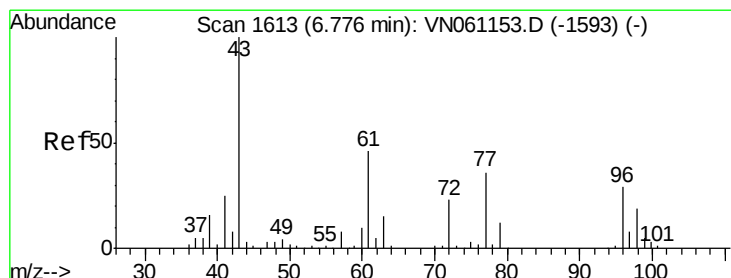
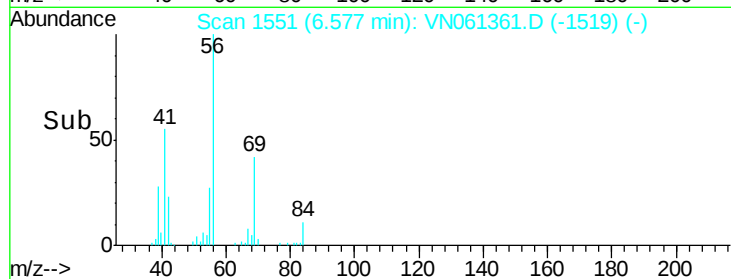
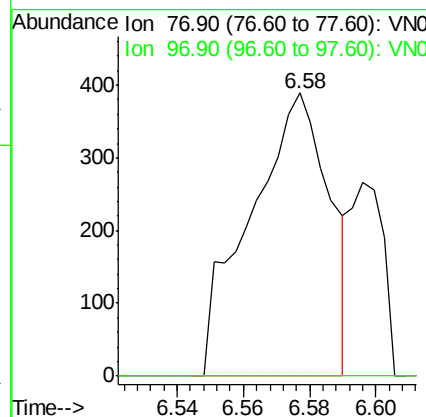
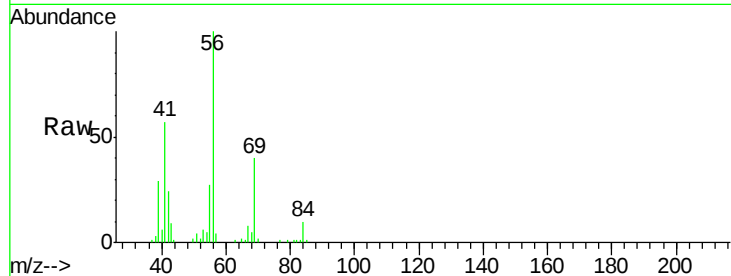




#26
 2,2-Dichloropropane
 Concen: 0.319 ug/l
 RT: 6.58 min Scan# 1551
 Delta R.T. -0.20 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

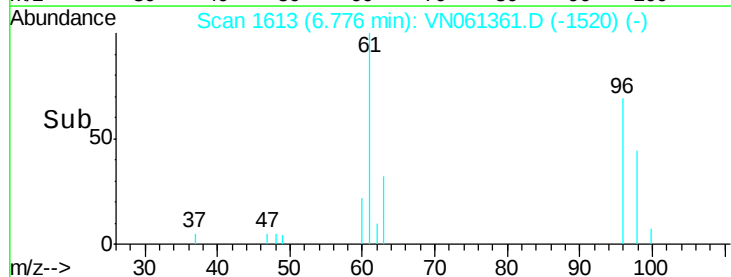
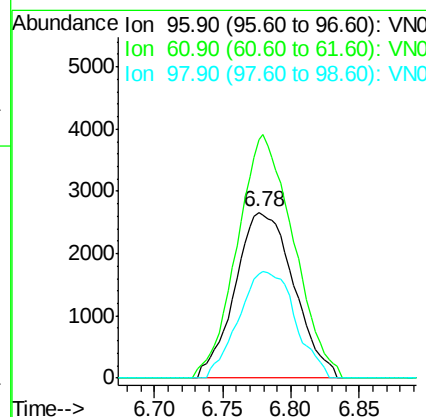
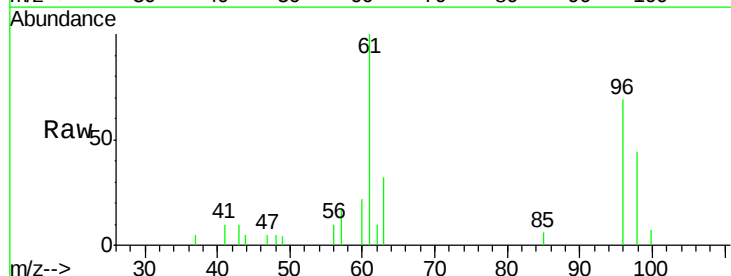
Instrument :
 MSVOA_N
 ClientSampled :

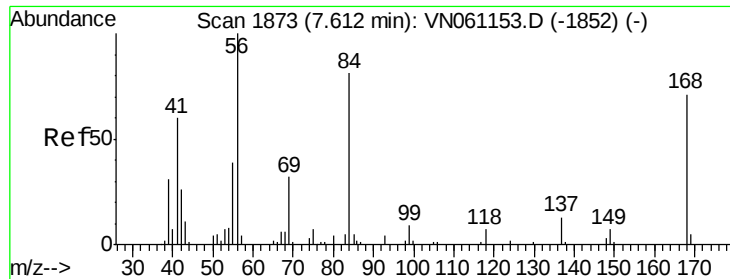
Tot Ion: 77 Resp: 646
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.5 31.5#



#27
 cis-1,2-Dichloroethene
 Concen: 5.804 ug/l
 RT: 6.78 min Scan# 1613
 Delta R.T. 0.00 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

Tgt Ion: 96 Resp: 7941
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 322.0
 98 61.7 0.0 129.6

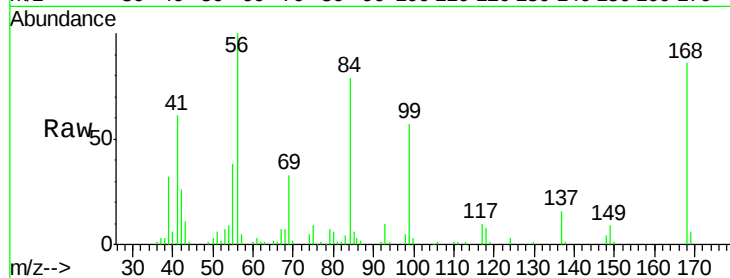




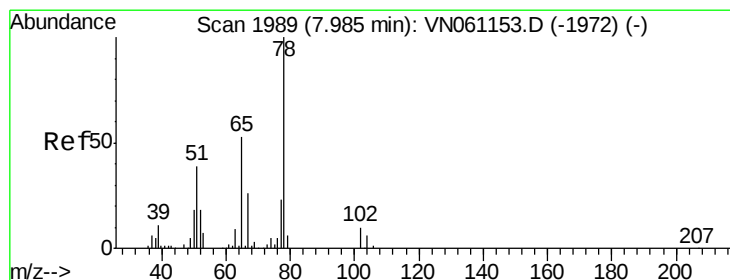
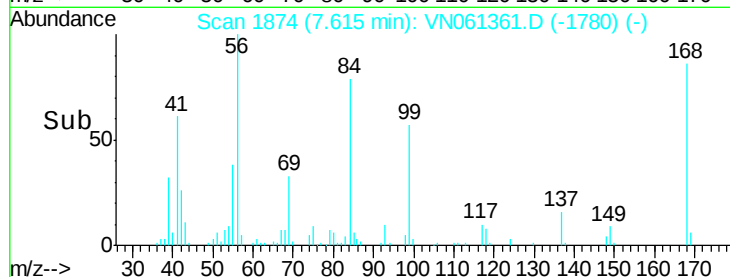
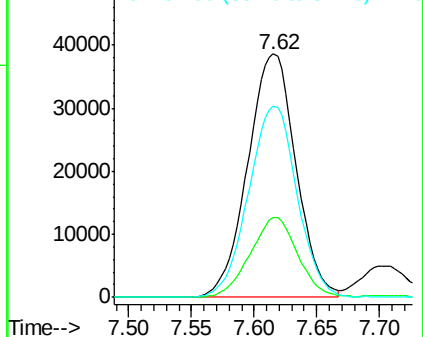
#31
Cyclohexane
Concen: 44.254 ug/l
RT: 7.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 103368
Ion Ratio Lower Upper
56 100
69 32.8 25.7 38.5
84 78.6 64.6 97.0

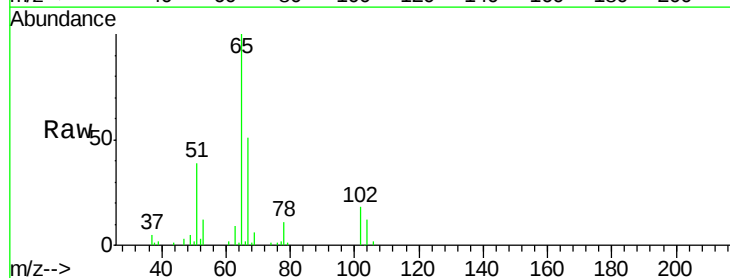


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

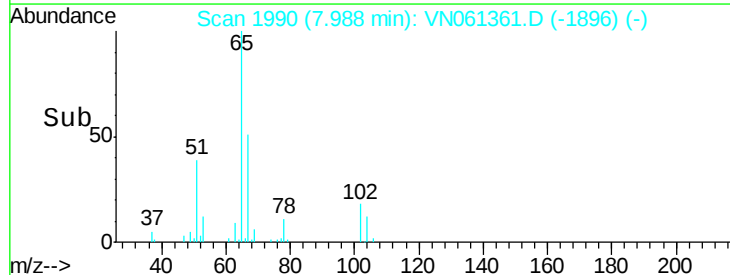
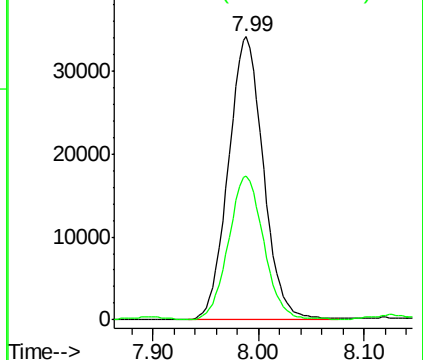


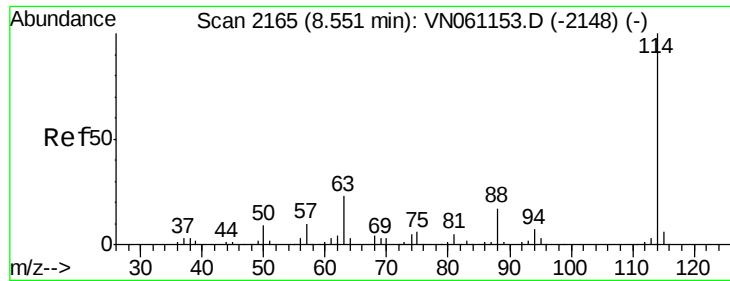
#33
1,2-Dichloroethane-d4
Concen: 48.965 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Tgt Ion: 65 Resp: 78619
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

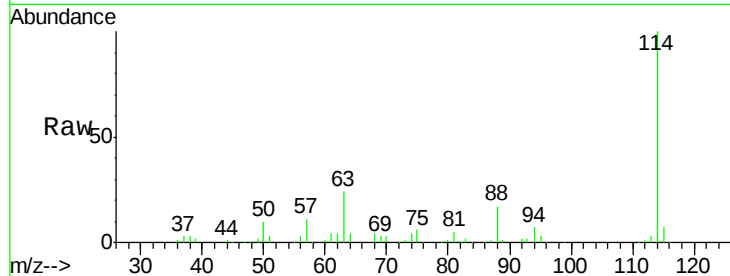




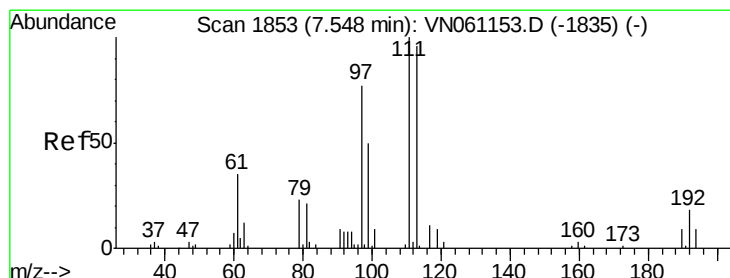
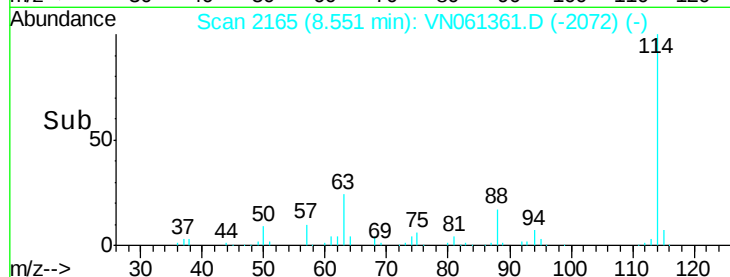
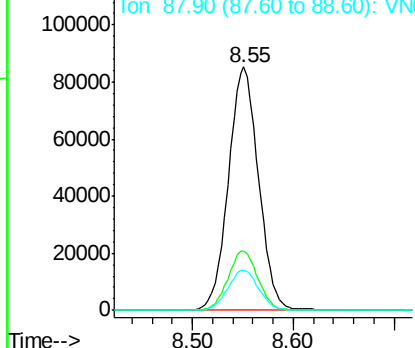
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:114 Resp: 176900
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.6
88 16.7 0.0 33.4

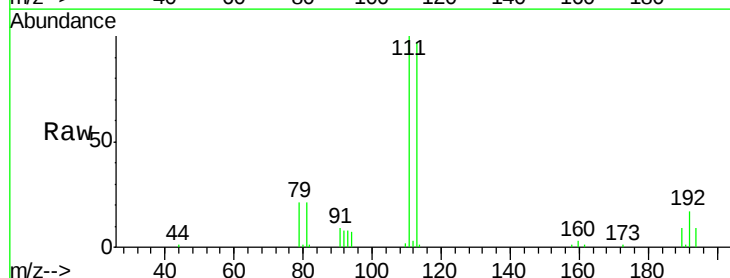


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

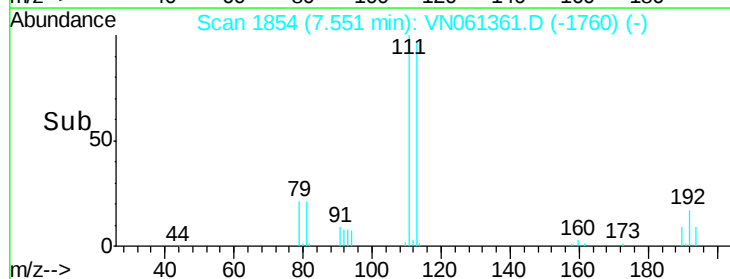
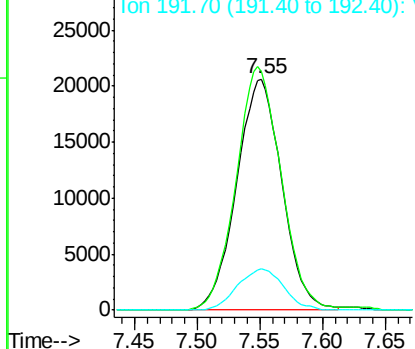


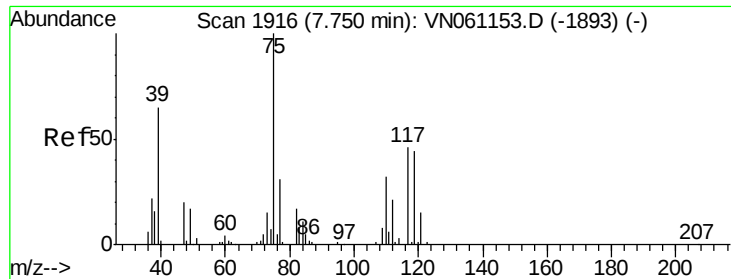
#35
Dibromofluoromethane
Concen: 49.427 ug/l
RT: 7.55 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Tgt Ion:113 Resp: 51703
Ion Ratio Lower Upper
113 100
111 104.5 82.9 124.3
192 18.2 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: 5.445 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. -0.13 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

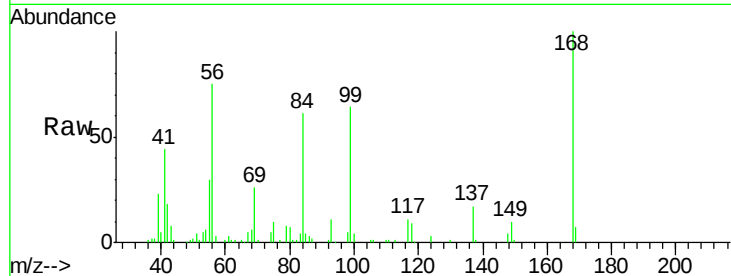
Tot Ion: 75 Resp: 9642

Ion Ratio Lower Upper

75 100

110 7.7 16.0 48.0#

77 13.5 24.6 37.0#



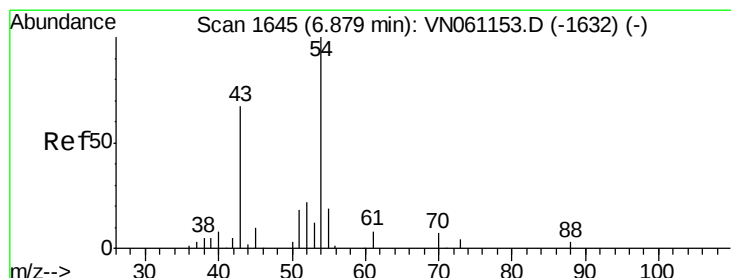
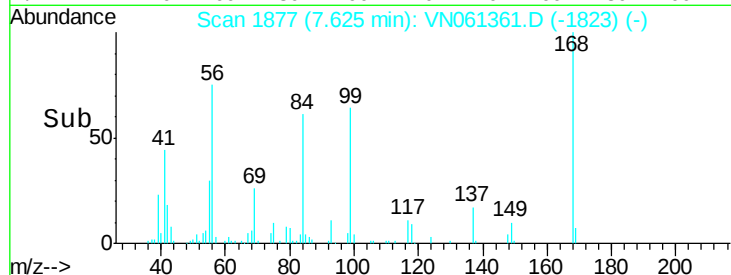
Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-1893) (-)

Ion 109.90 (109.60 to 110.60): VN061153.D (-1893) (-)

Ion 76.90 (76.60 to 77.60): VN061153.D (-1893) (-)

7.63

Time-->



#37

Ethyl Acetate

Concen: 0.538 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. -0.11 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

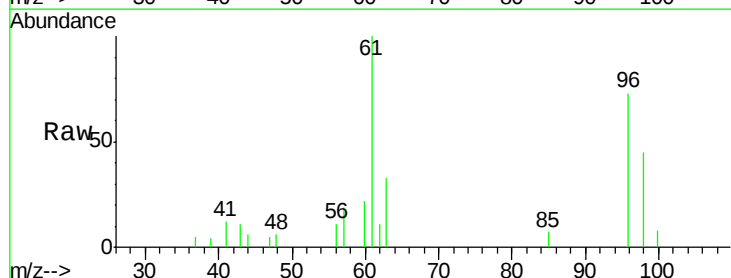
Tgt Ion: 43 Resp: 1116

Ion Ratio Lower Upper

43 100

61 1001.6 10.2 15.2#

70 0.0 7.2 10.8#



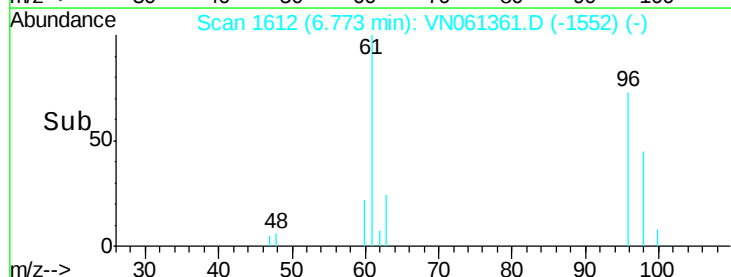
Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1632) (-)

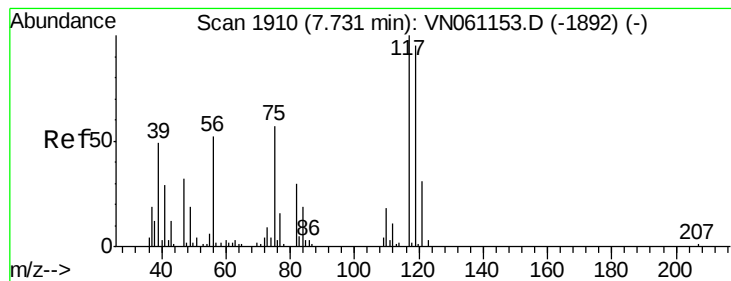
Ion 60.90 (60.60 to 61.60): VN061153.D (-1632) (-)

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

6.77

Time-->





#38

Carbon Tetrachloride

Concen: 8.716 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.11 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

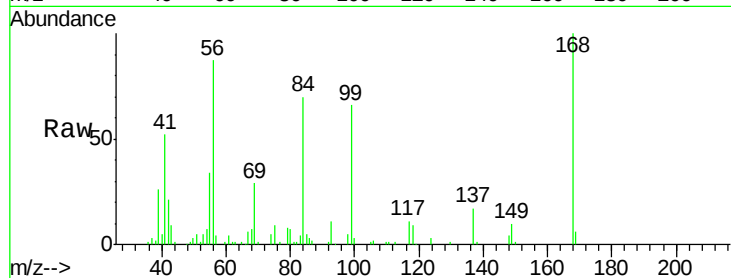
Tot Ion:117 Resp: 10885

Ion Ratio Lower Upper

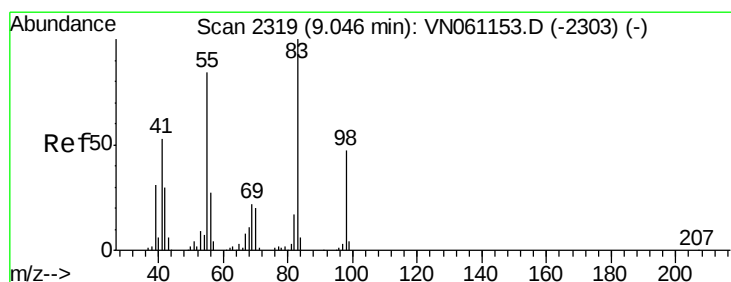
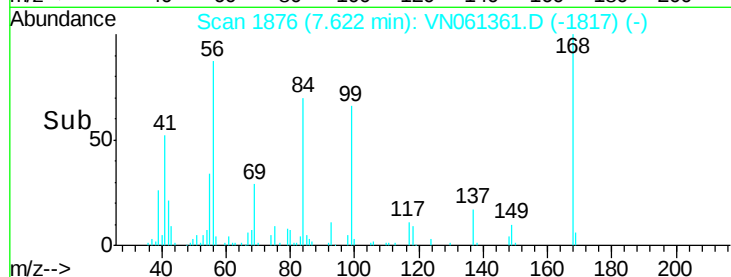
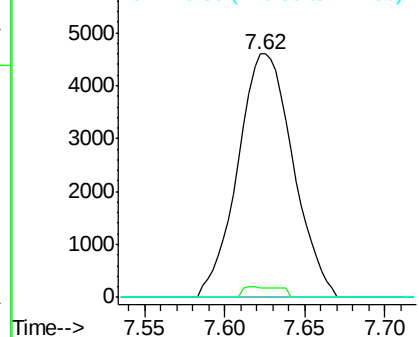
117 100

119 4.0 75.8 113.6#

121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 30.505 ug/l

RT: 9.05 min Scan# 2319

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

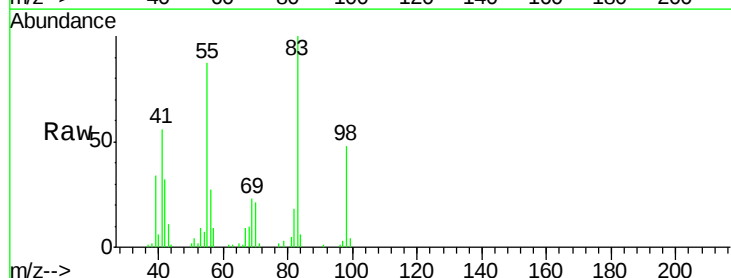
Tgt Ion: 83 Resp: 60582

Ion Ratio Lower Upper

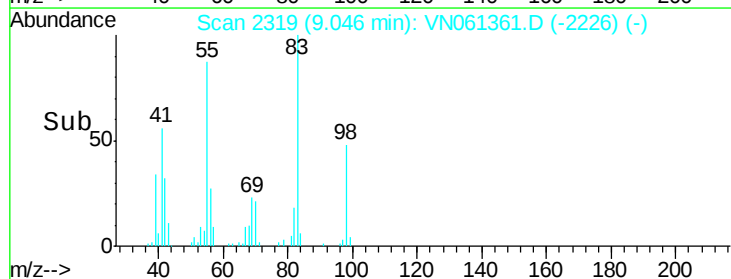
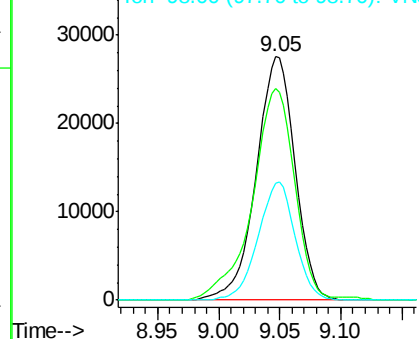
83 100

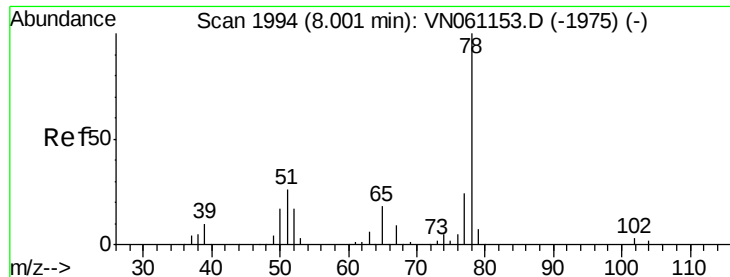
55 86.2 67.3 100.9

98 47.9 37.7 56.5



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 2.495 ug/l

RT: 8.00 min Scan# 1994

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

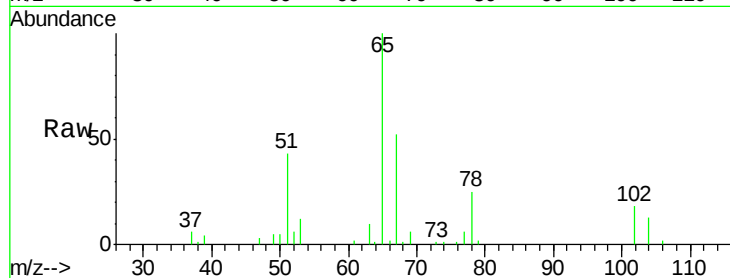
ClientSampleId :

Tot Ion: 78 Resp: 13161

Ion Ratio Lower Upper

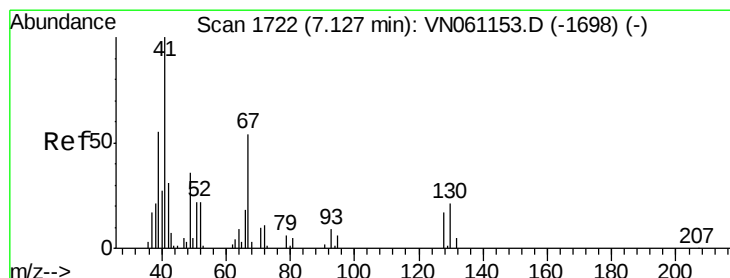
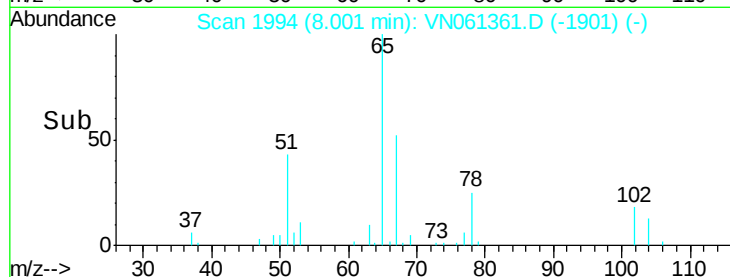
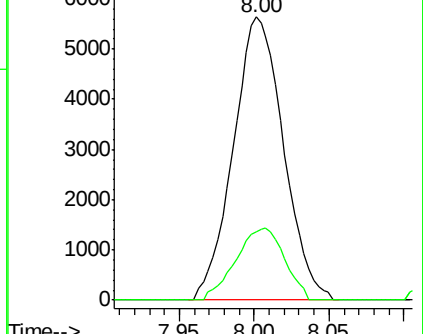
78 100

77 24.1 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#41

Methacrylonitrile

Concen: 0.332 ug/l

RT: 7.35 min Scan# 1790

Delta R.T. 0.22 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Tgt Ion: 41 Resp: 286

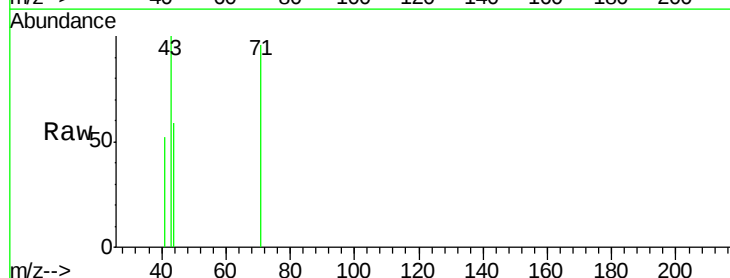
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

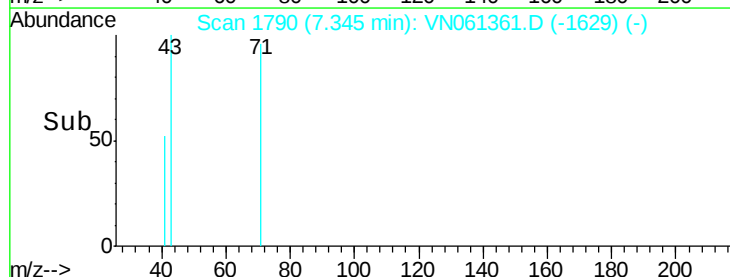
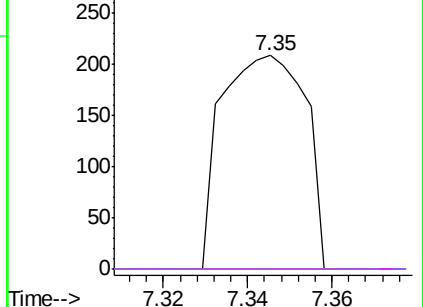


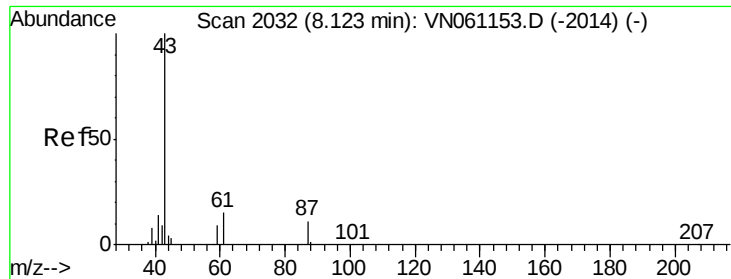
Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0





#43

Isopropyl Acetate

Concen: 1.304 ug/l

RT: 8.11 min Scan# 2029

Delta R.T. -0.01 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

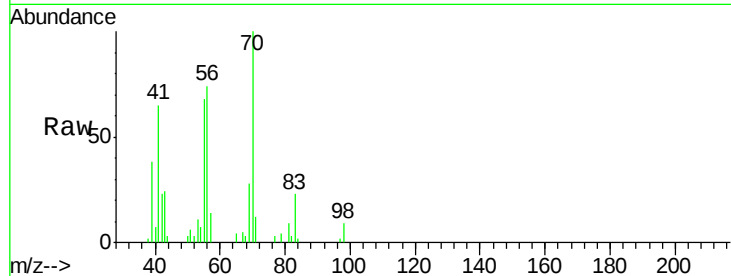
Tot Ion: 43 Resp: 4493

Ion Ratio Lower Upper

43 100

61 0.0 19.5 29.3#

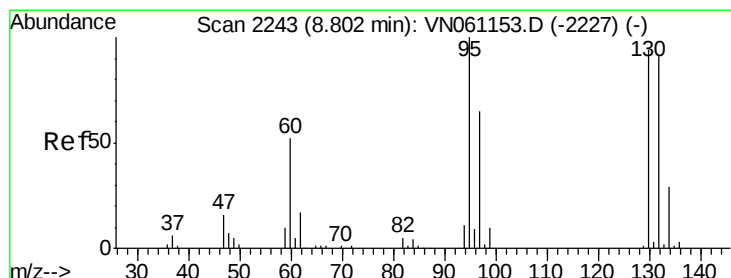
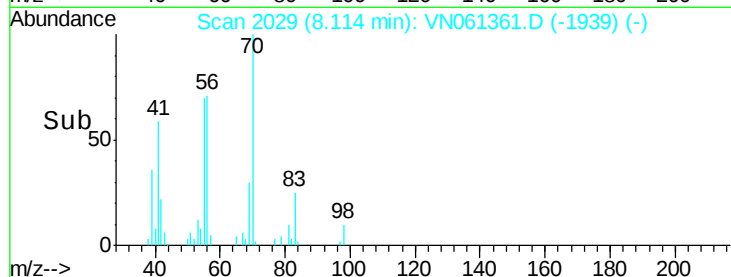
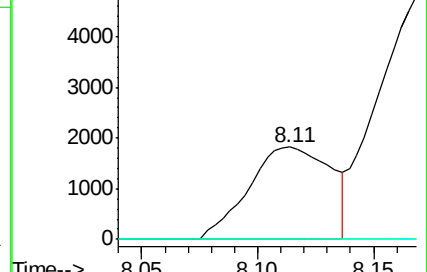
87 0.0 8.9 13.3#



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) (-)



#44

Trichloroethene

Concen: 4.098 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061361.D

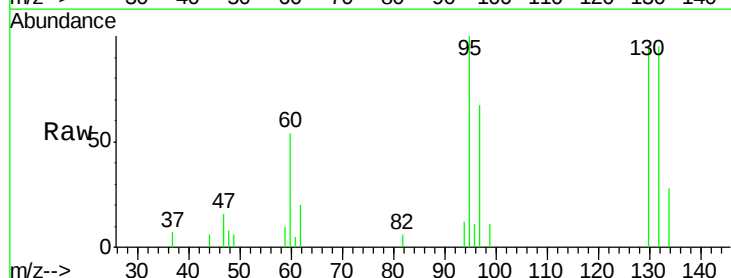
Acq: 8 May 2020 14:59

Tgt Ion: 130 Resp: 5844

Ion Ratio Lower Upper

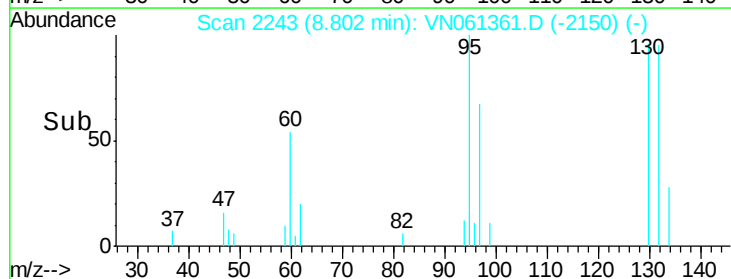
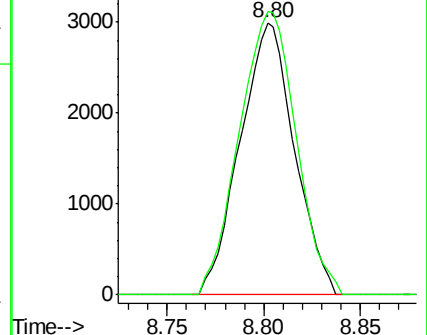
130 100

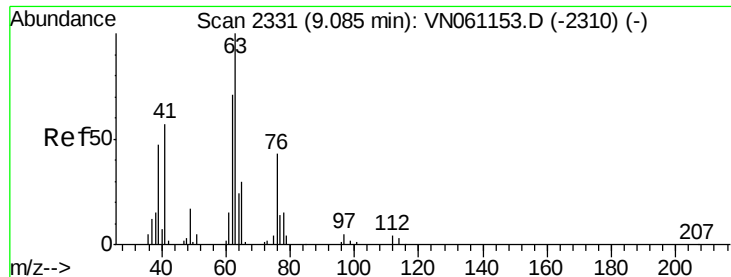
95 104.0 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 0.385 ug/l

RT: 9.05 min Scan# 2321

Delta R.T. -0.03 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

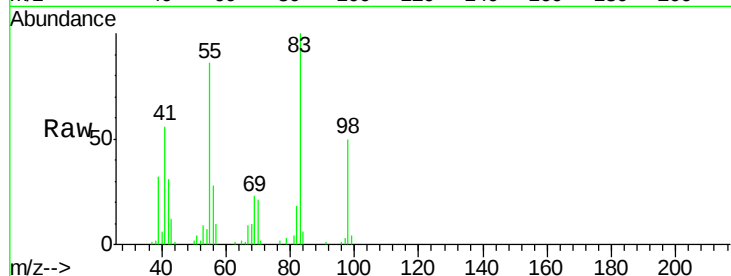
ClientSampled :

Tot Ion: 63 Resp: 542

Ion Ratio Lower Upper

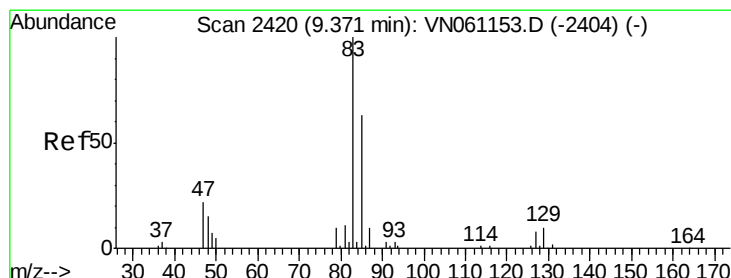
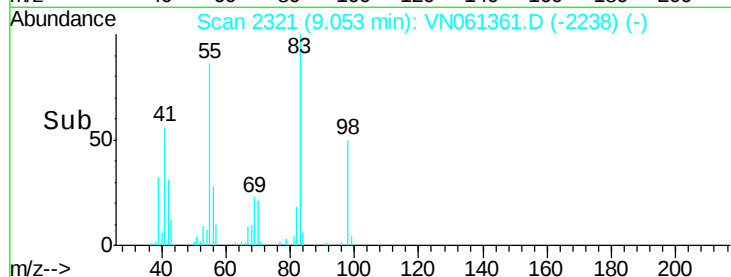
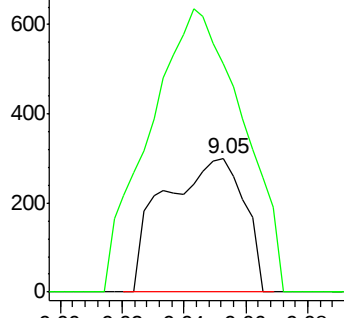
63 100

65 107.7 24.7 37.1#



Abundance Ion 62.90 (62.60 to 63.60): VNO

Ion 64.90 (64.60 to 65.60): VNO



#47

Bromodichloromethane

Concen: 0.256 ug/l

RT: 9.48 min Scan# 2455

Delta R.T. 0.11 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

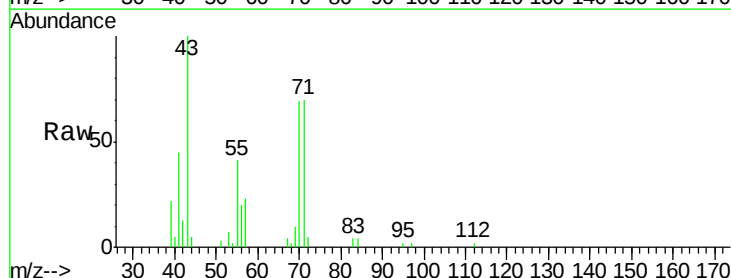
Tgt Ion: 83 Resp: 480

Ion Ratio Lower Upper

83 100

85 0.0 50.4 75.6#

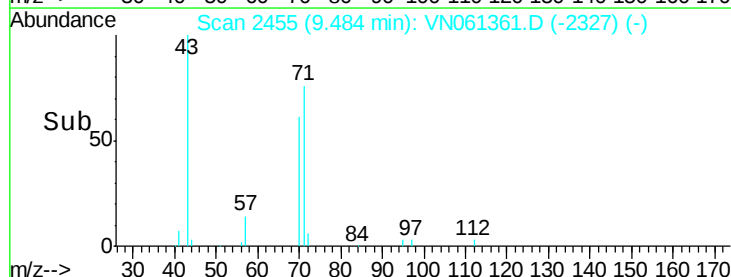
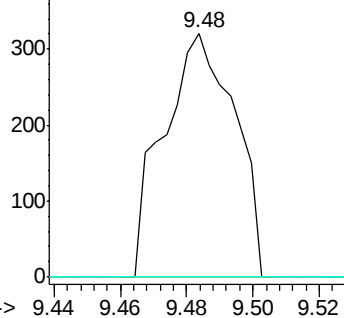
127 0.0 6.2 9.2#

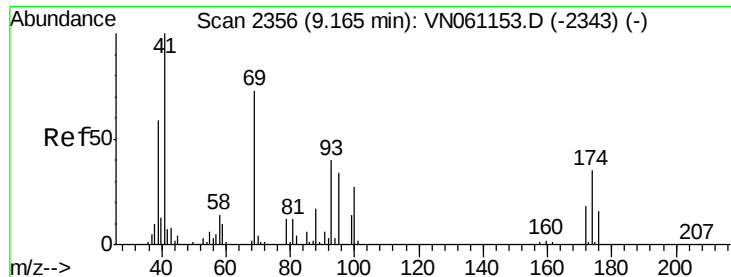


Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 126.80 (126.50 to 127.50): VNO

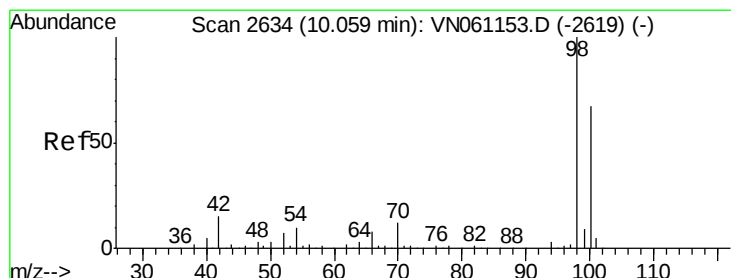
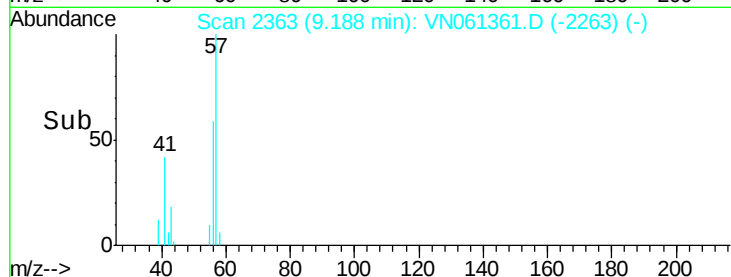
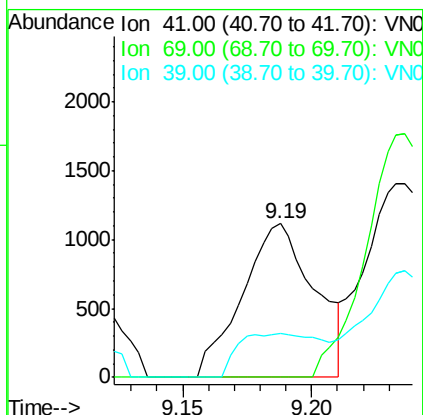
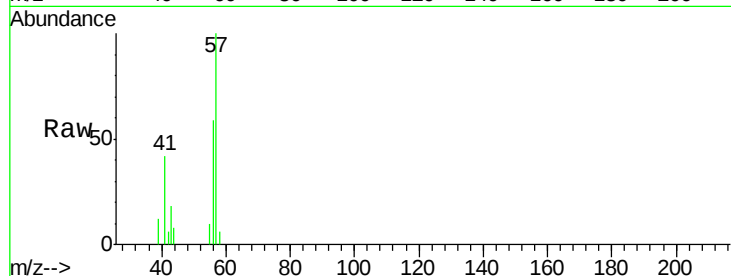




#48
Methvl methacrvlate
Concen: 1.402 ug/l
RT: 9.19 min Scan# 2363
Delta R.T. 0.02 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

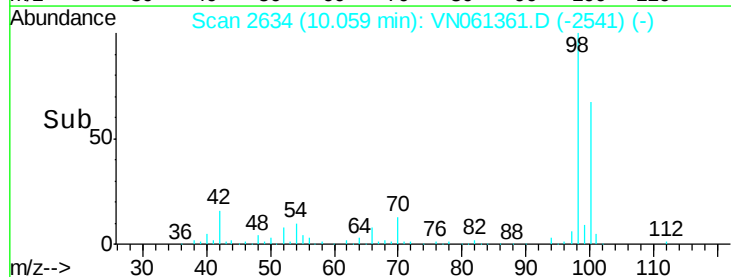
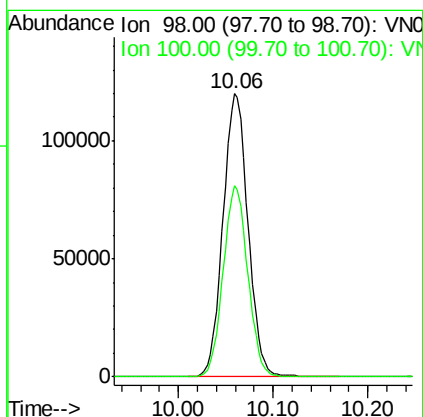
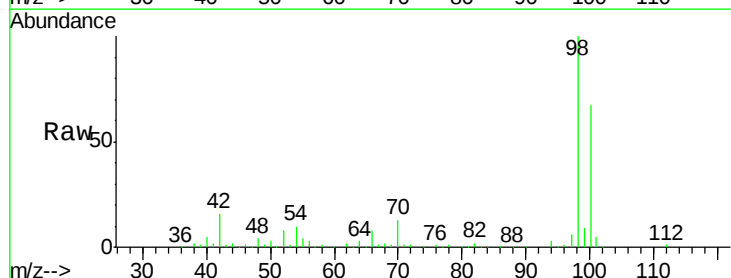
Instrument :
MSVOA_N
ClientSampleId :

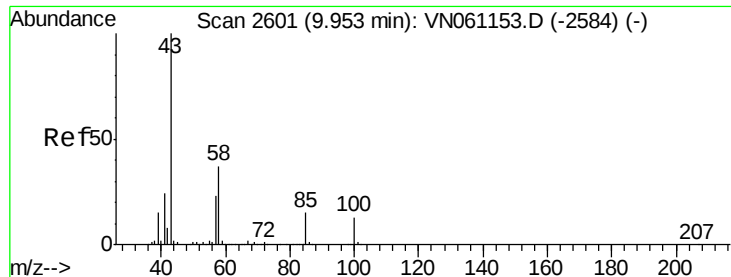
Tot Ion: 41 Resp: 2179
Ion Ratio Lower Upper
41 100
69 0.0 60.3 90.5#
39 32.4 47.4 71.0#



#50
Toluene-d8
Concen: 51.772 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Tgt Ion: 98 Resp: 220769
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 0.295 ug/l

RT: 9.99 min Scan# 2614

Delta R.T. 0.04 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

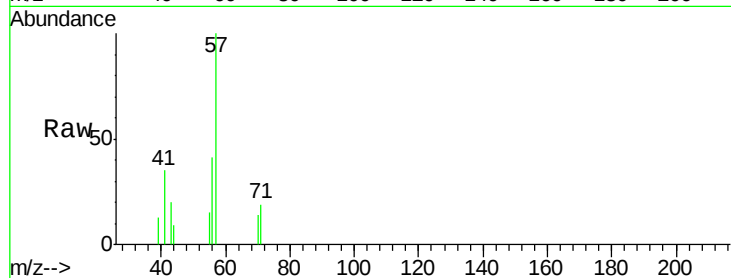
ClientSampled :

Tot Ion: 43 Resp: 599

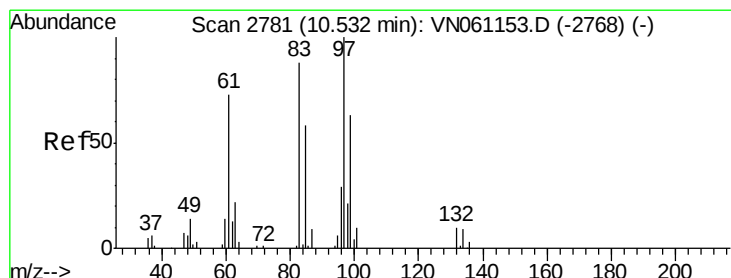
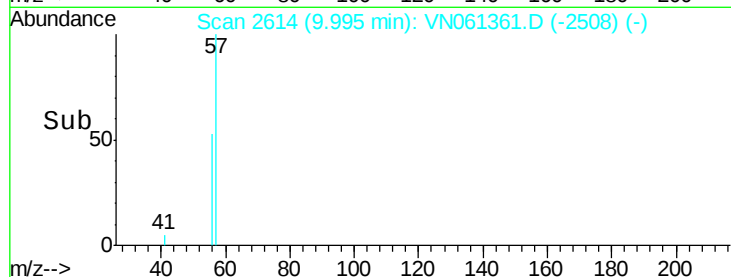
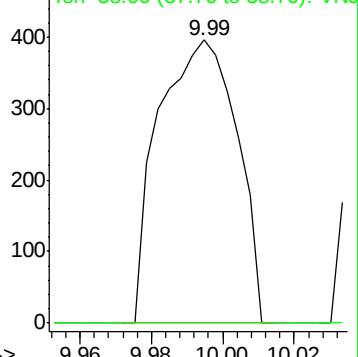
Ion Ratio Lower Upper

43 100

58 0.0 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)



#55

1,1,2-Trichloroethane

Concen: 2.095 ug/l

RT: 10.51 min Scan# 2773

Delta R.T. -0.03 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Tgt Ion: 97 Resp: 2656

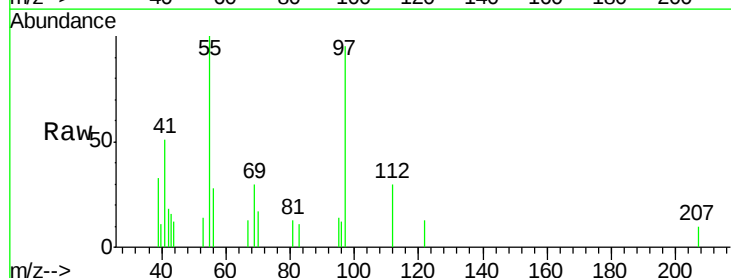
Ion Ratio Lower Upper

97 100

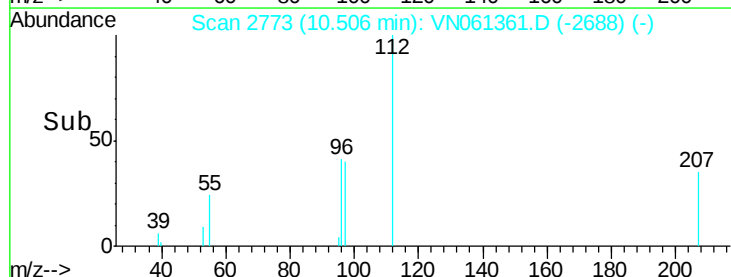
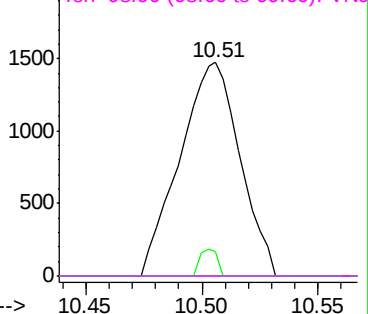
83 11.7 70.6 106.0#

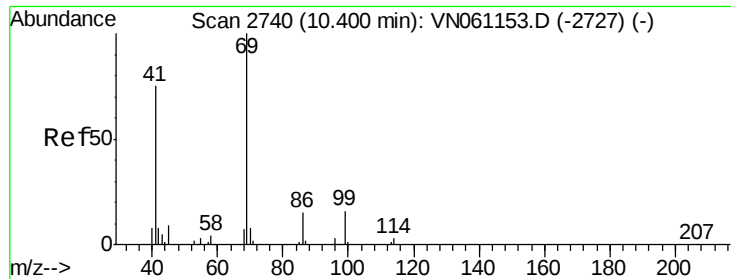
85 0.0 46.4 69.6#

99 0.0 50.6 75.8#



Abundance Ion 96.90 (96.60 to 97.60): VN061153.D (-2768) (-)





#56

Ethyl methacrylate

Concen: 3.637 ug/l

RT: 10.40 min Scan# 2741

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

ClientSampled :

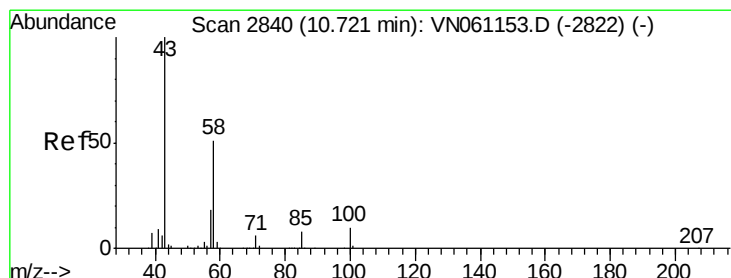
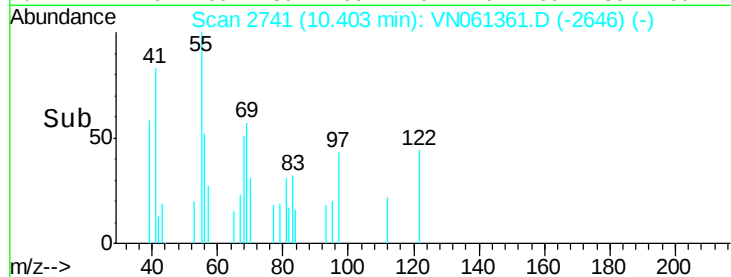
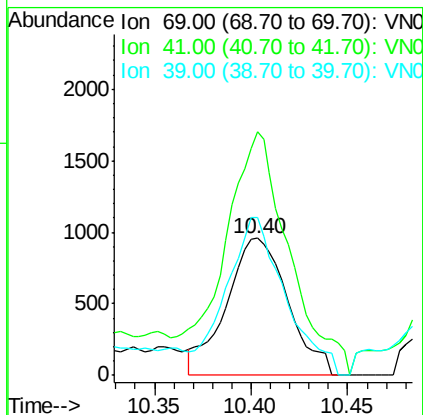
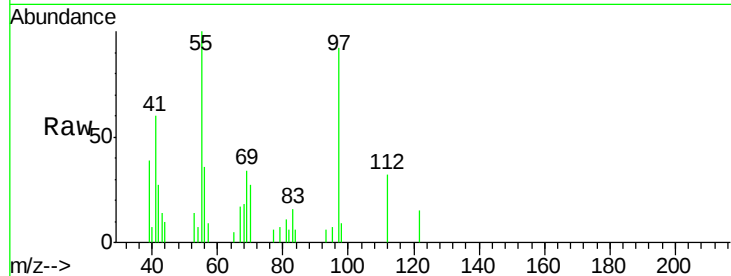
Tot Ion: 69 Resp: 2125

Ion Ratio Lower Upper

69 100

41 188.2 60.3 90.5#

39 111.0 35.9 53.9#



#59

2-Hexanone

Concen: 0.239 ug/l

RT: 10.69 min Scan# 2830

Delta R.T. -0.03 min

Lab File: VN061361.D

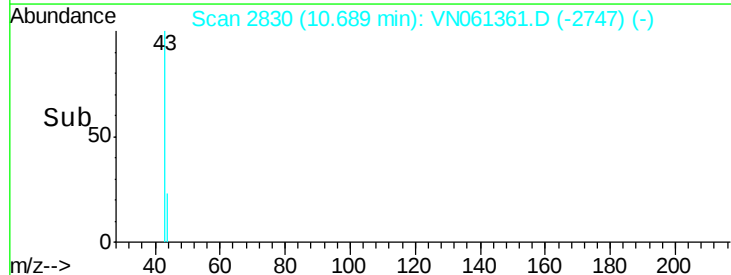
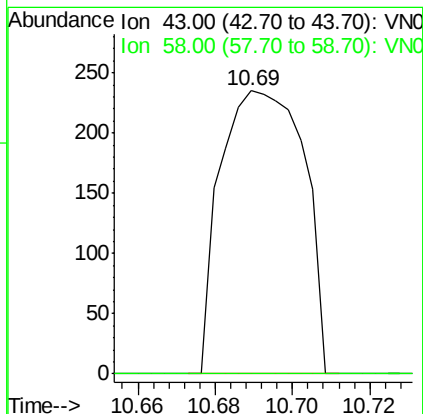
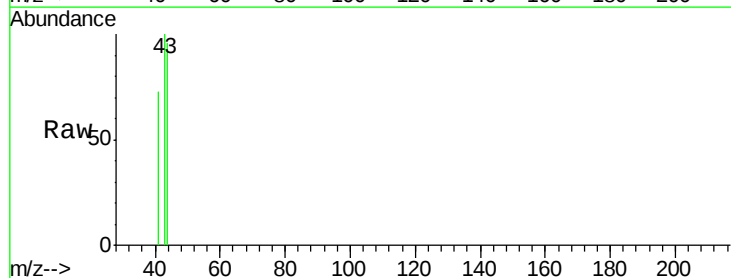
Acq: 8 May 2020 14:59

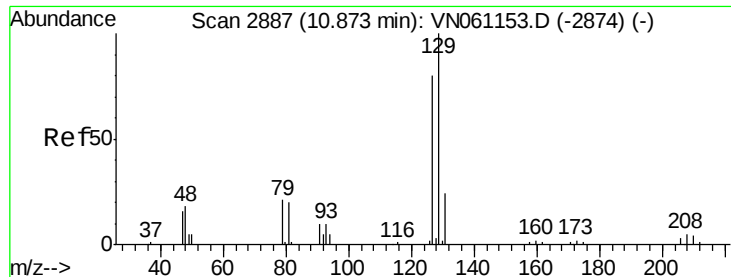
Tgt Ion: 43 Resp: 352

Ion Ratio Lower Upper

43 100

58 0.0 25.4 76.4#

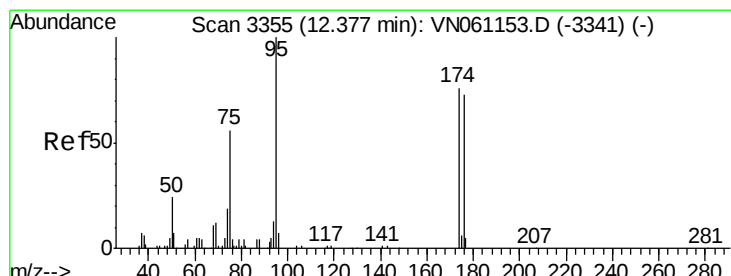
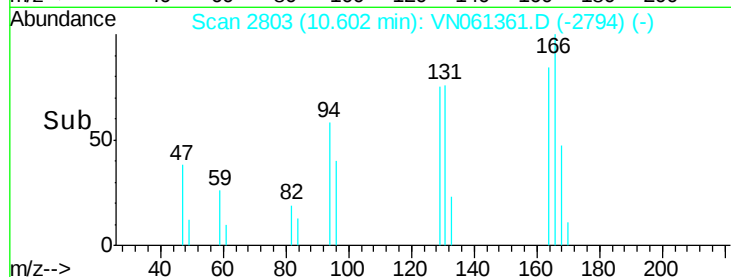
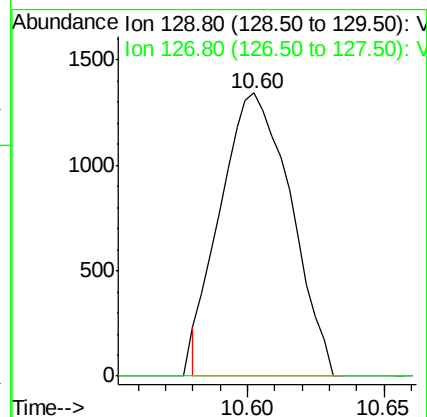
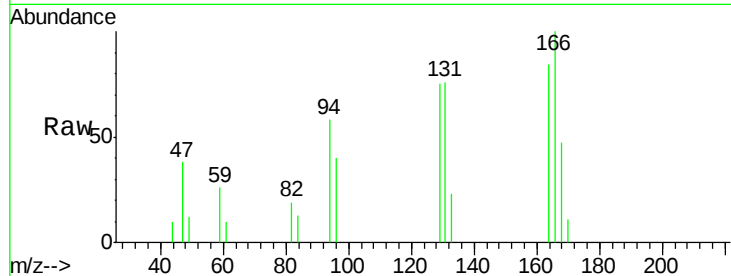




#60
Dibromochloromethane
Concen: 1.805 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. -0.27 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

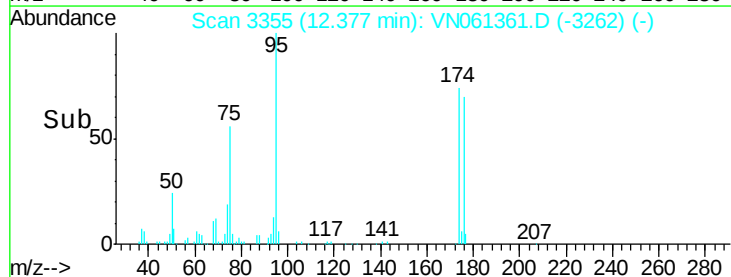
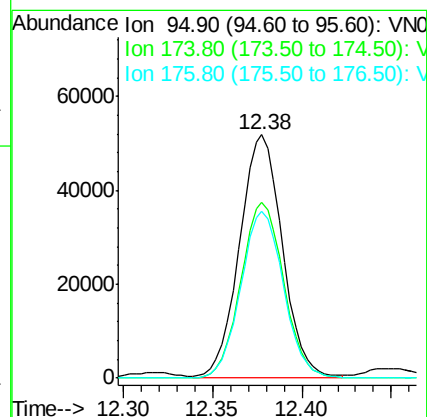
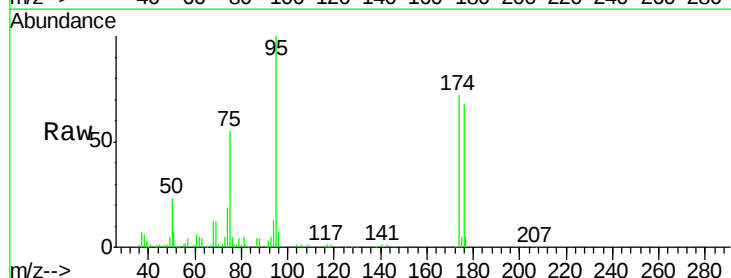
Instrument :
MSVOA_N
ClientSampled :

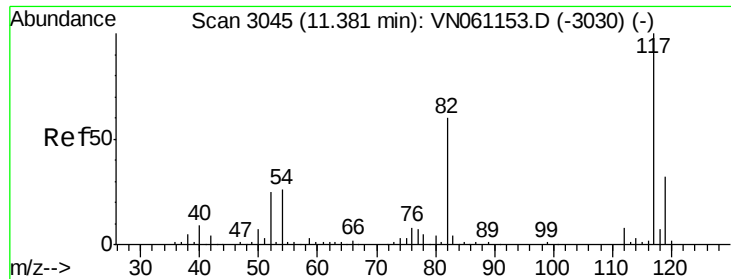
Tot Ion:129 Resp: 2396
Ion Ratio Lower Upper
129 100
127 0.0 39.3 117.8#



#62
4-Bromofluorobenzene
Concen: 54.207 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Tgt Ion: 95 Resp: 86986
Ion Ratio Lower Upper
95 100
174 71.9 0.0 149.4
176 68.1 0.0 144.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

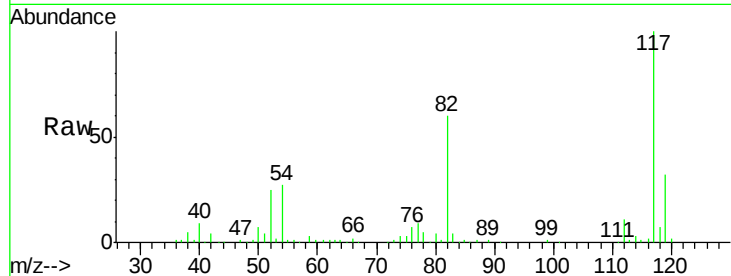
Tot Ion:117 Resp: 170153

Ion Ratio Lower Upper

117 100

82 60.2 47.8 71.8

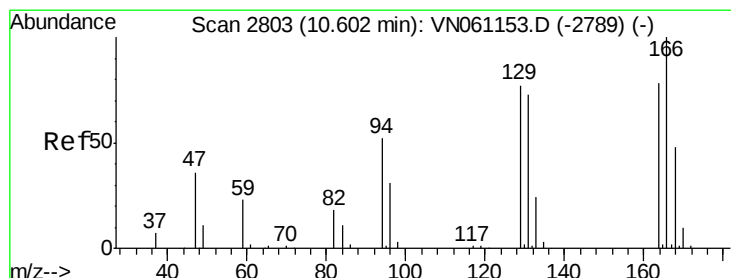
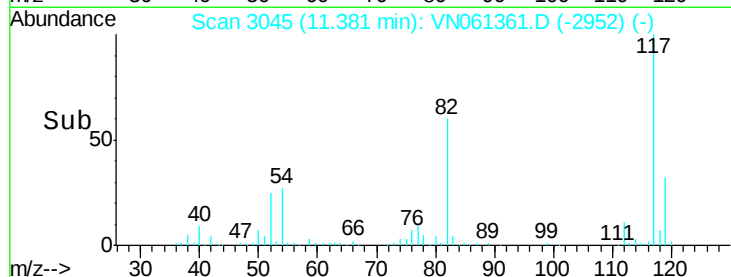
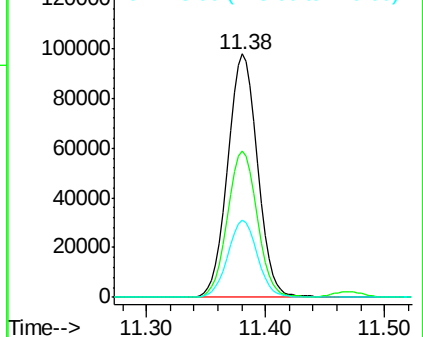
119 31.8 25.8 38.6



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: 1.616 ug/l

RT: 10.60 min Scan# 2803

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Tgt Ion:164 Resp: 2381

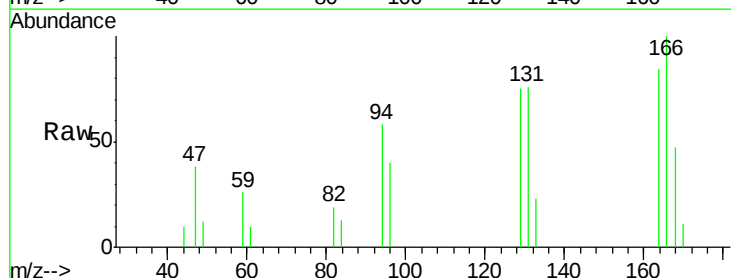
Ion Ratio Lower Upper

164 100

166 118.7 102.0 153.0

129 89.1 78.2 117.2

131 90.0 74.5 111.7

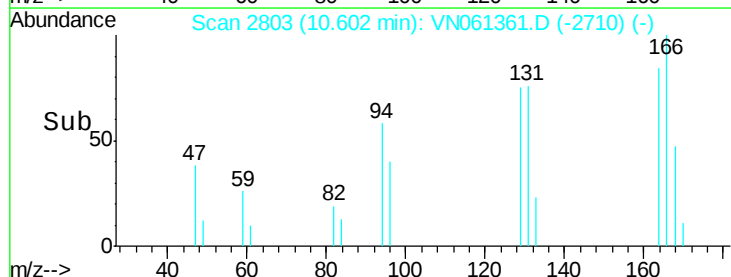
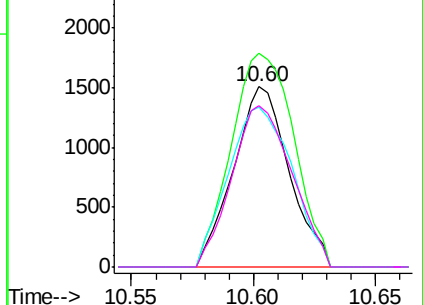


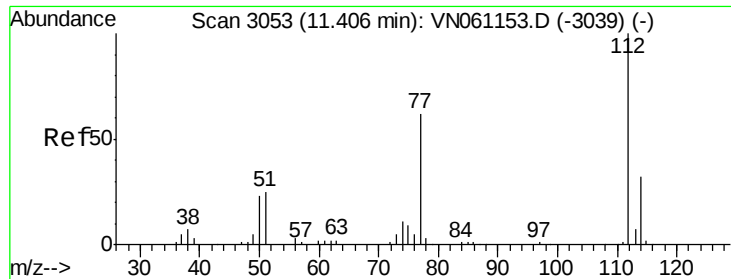
Abundance Ion 163.80 (163.50 to 164.50): V

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

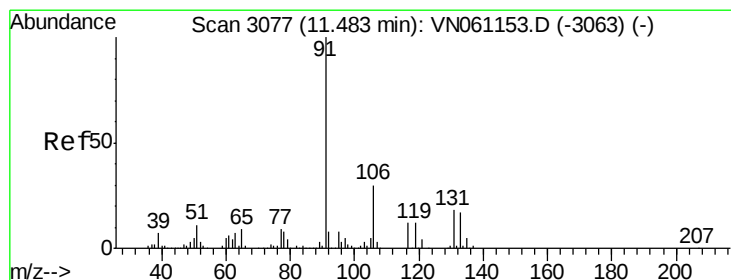
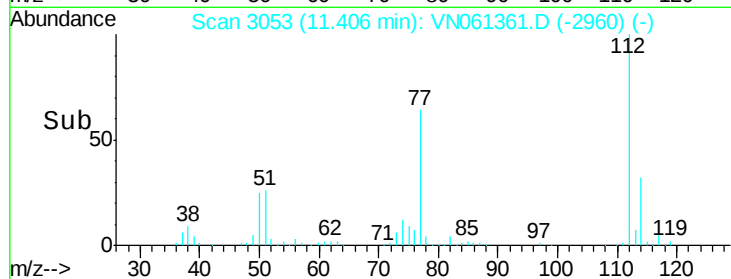
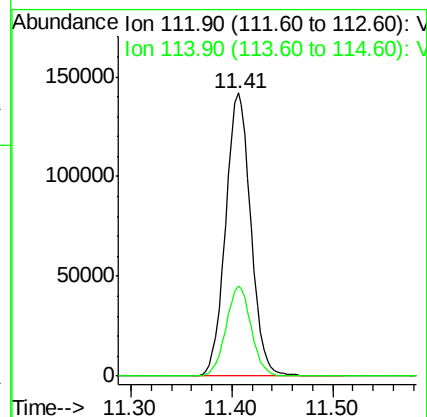
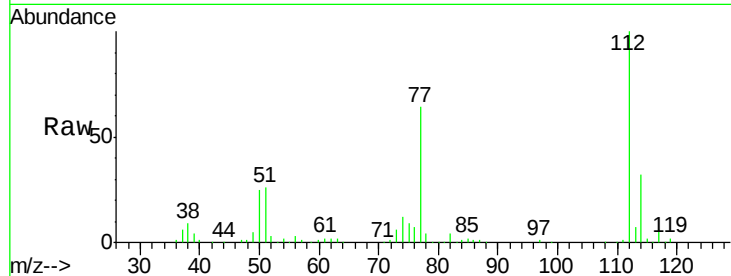




#65
Chlorobenzene
Concen: 73.329 ug/l
RT: 11.41 min Scan# 3053
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

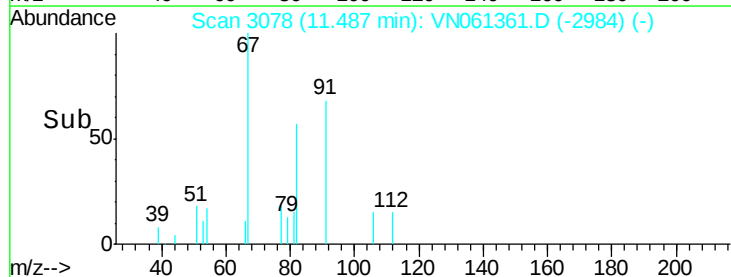
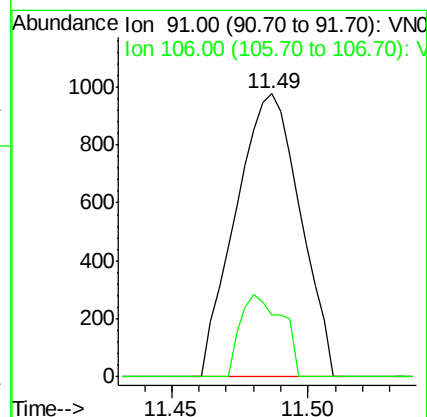
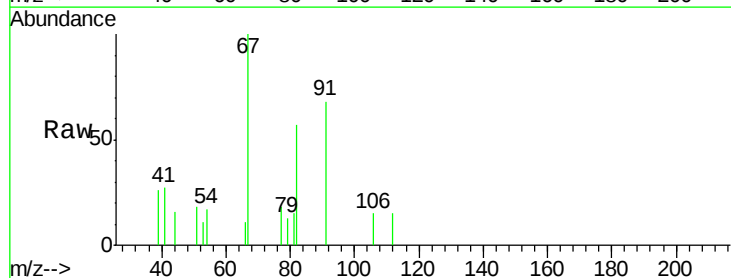
Instrument :
MSVOA_N
ClientSampled :

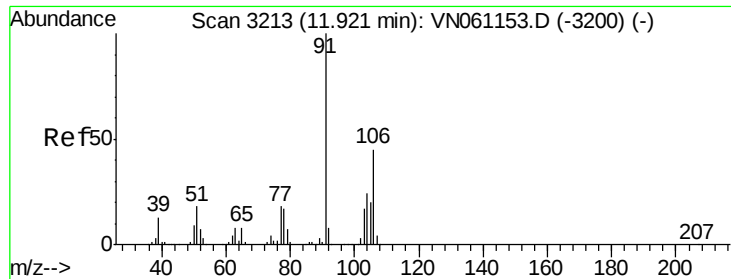
Tot Ion:112 Resp: 247505
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2



#67
Ethyl Benzene
Concen: 0.253 ug/l
RT: 11.49 min Scan# 3078
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Tgt Ion: 91 Resp: 1600
Ion Ratio Lower Upper
91 100
106 21.8 23.8 35.6#

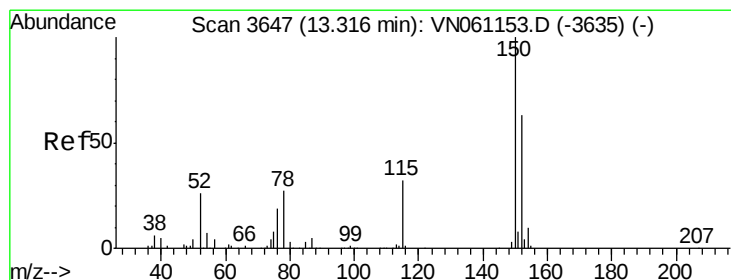
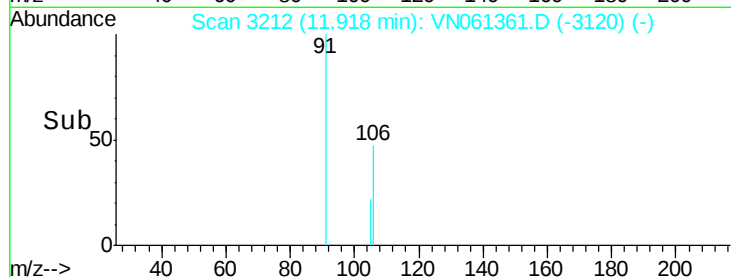
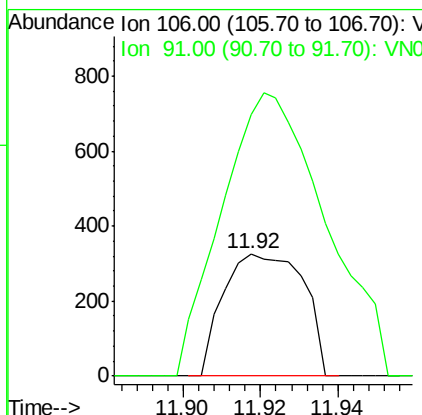
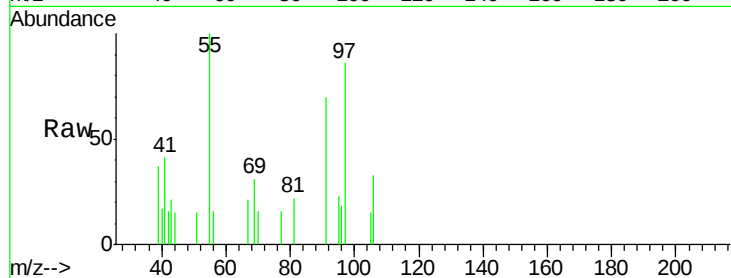




#69
o-Xylene
Concen: 0.211 ug/l
RT: 11.92 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

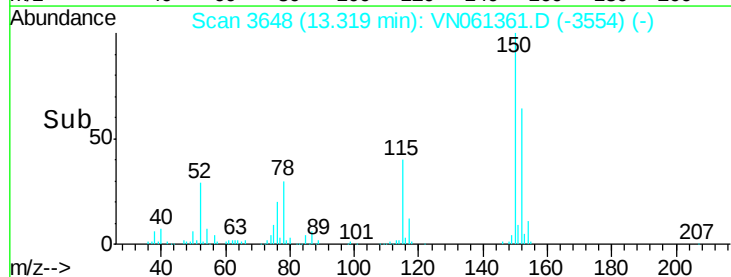
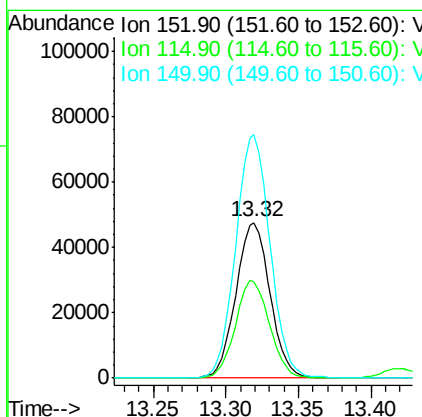
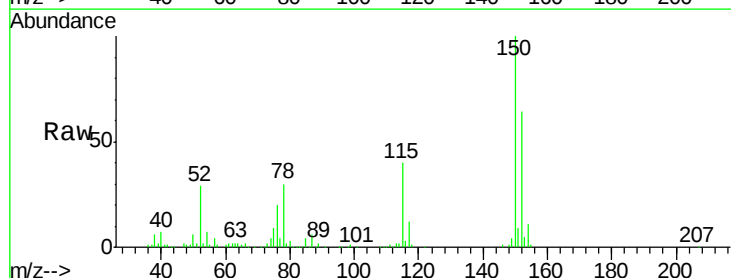
Instrument :
MSVOA_N
ClientSampled :

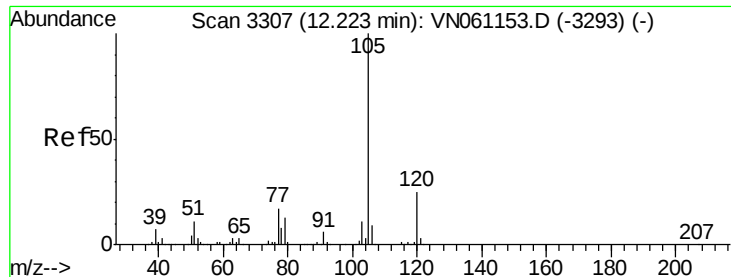
Tot Ion:106 Resp: 469
Ion Ratio Lower Upper
106 100
91 299.6 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Tgt Ion:152 Resp: 77760
Ion Ratio Lower Upper
152 100
115 63.0 31.0 93.0
150 158.1 0.0 351.8





#73

Isopropylbenzene

Concen: 7.385 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

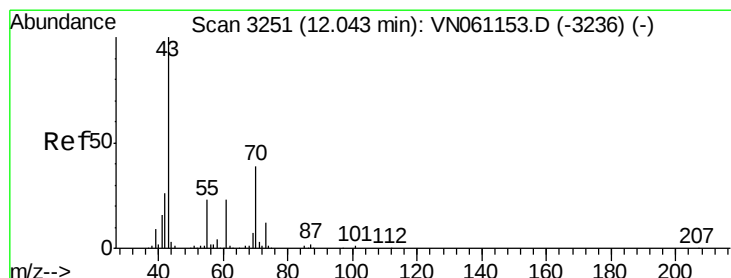
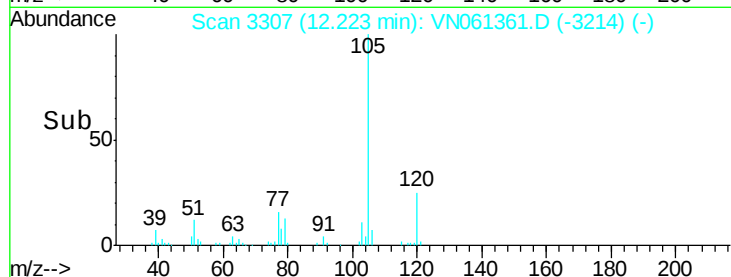
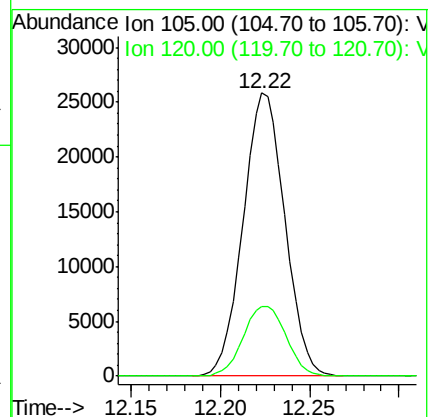
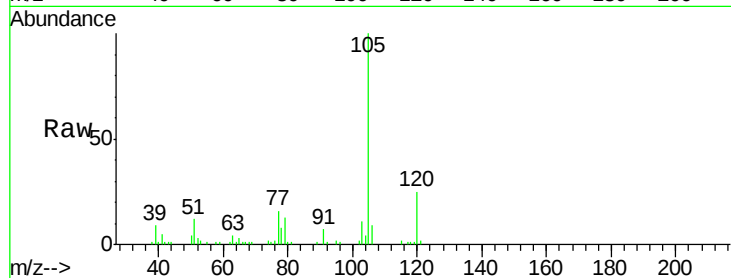
ClientSampled :

Tot Ion:105 Resp: 42218

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 0.282 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. 0.02 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Tgt Ion: 43 Resp: 815

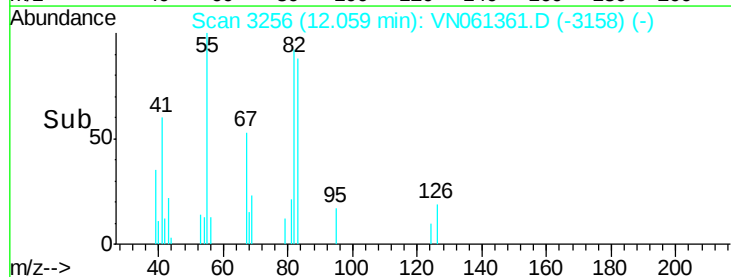
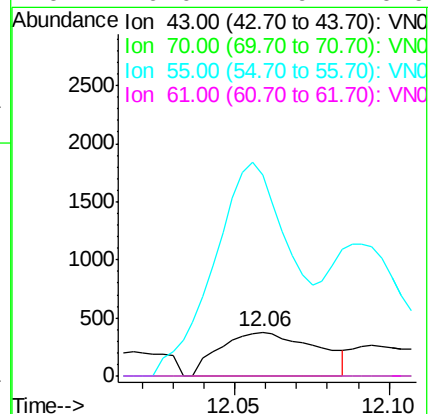
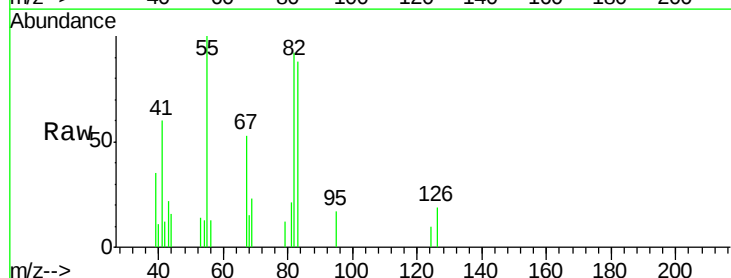
Ion Ratio Lower Upper

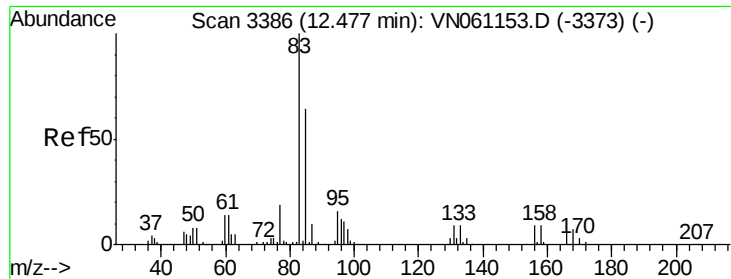
43 100

70 0.0 30.6 46.0#

55 385.4 18.5 27.7#

61 0.0 17.9 26.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.269 ug/l

RT: 12.44 min Scan# 3375

Delta R.T. -0.04 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

ClientSampled :

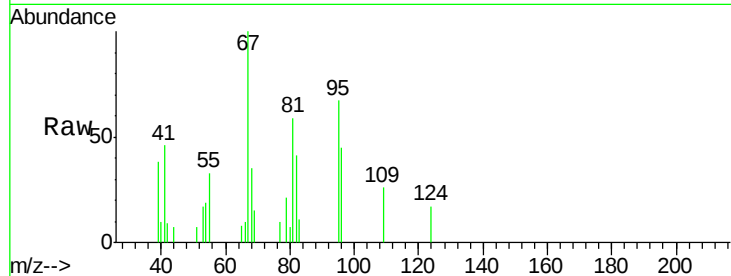
Tot Ion: 83 Resp: 479

Ion Ratio Lower Upper

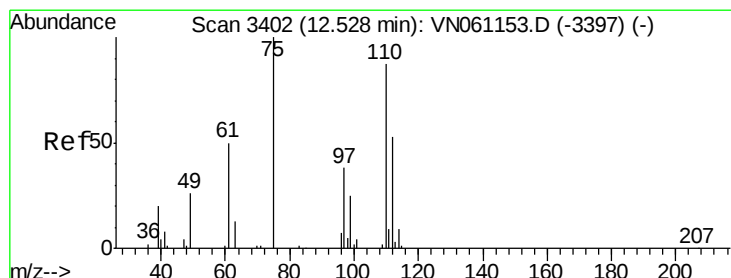
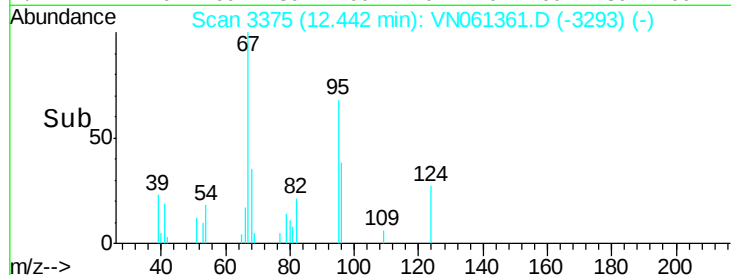
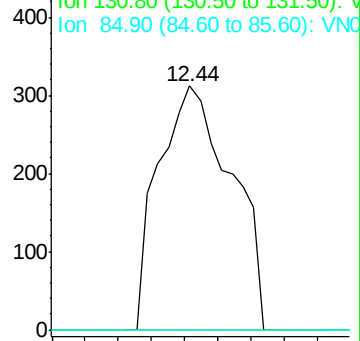
83 100

131 0.0 4.8 14.3#

85 0.0 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-3373) (-)



#76

1,2,3-Trichloropropane

Concen: 29.430 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061361.D

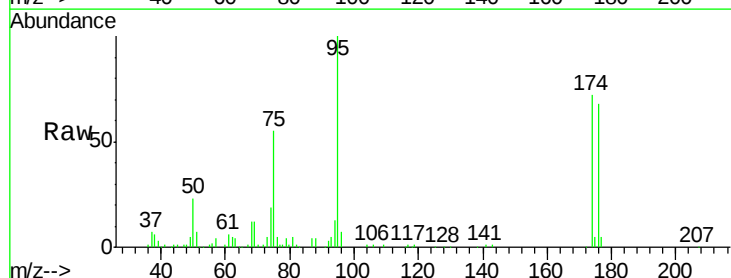
Acq: 8 May 2020 14:59

Tgt Ion: 75 Resp: 48248

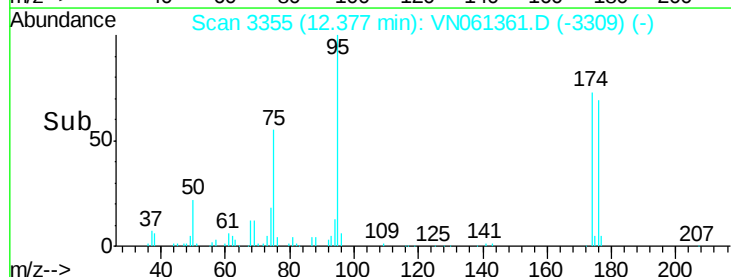
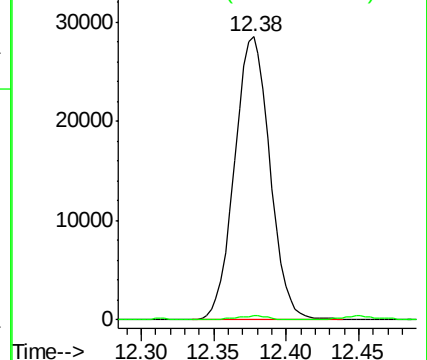
Ion Ratio Lower Upper

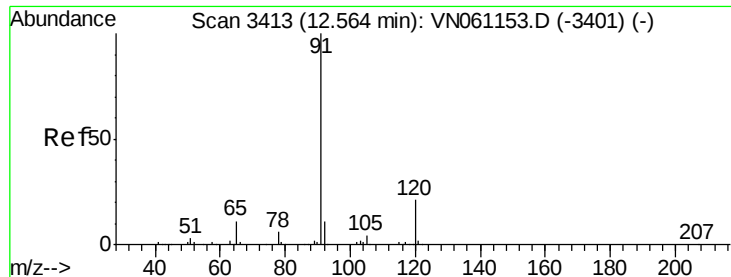
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN061153.D (-3397) (-)





#78

n-propylbenzene

Concen: 8.520 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

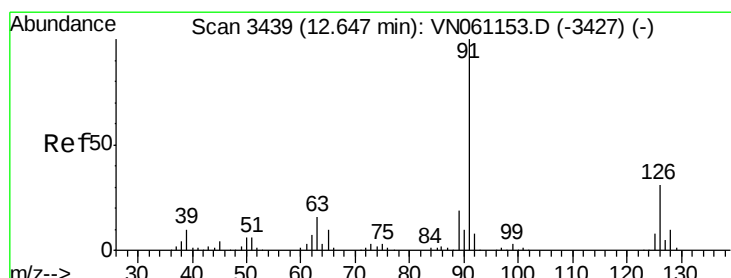
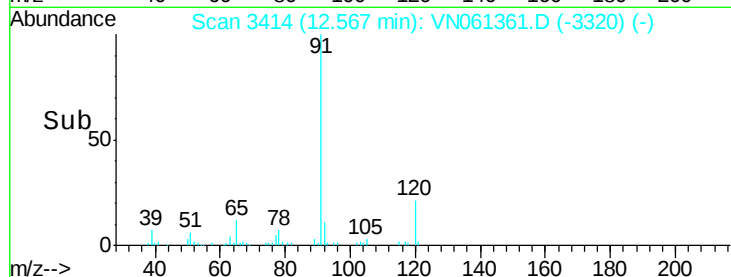
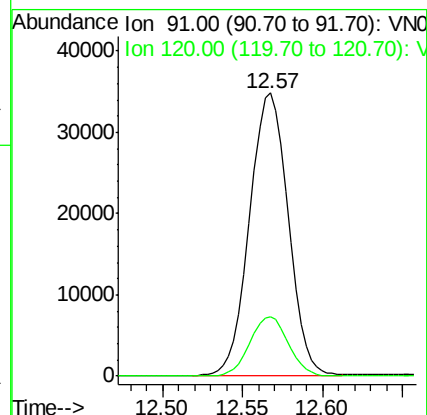
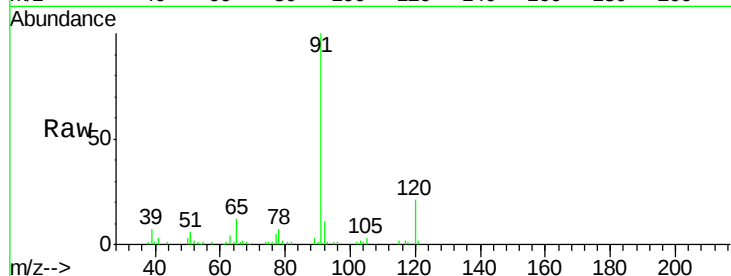
ClientSampleId :

Tot Ion: 91 Resp: 57767

Ion Ratio Lower Upper

91 100

120 20.7 10.8 32.3



#79

2-Chlorotoluene

Concen: 14.495 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. -0.08 min

Lab File: VN061361.D

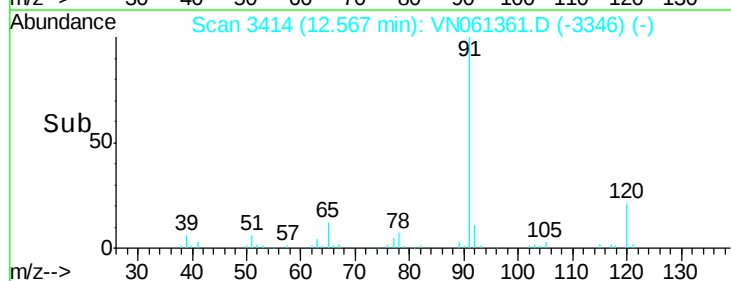
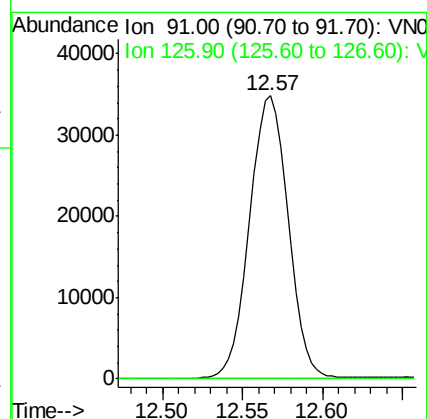
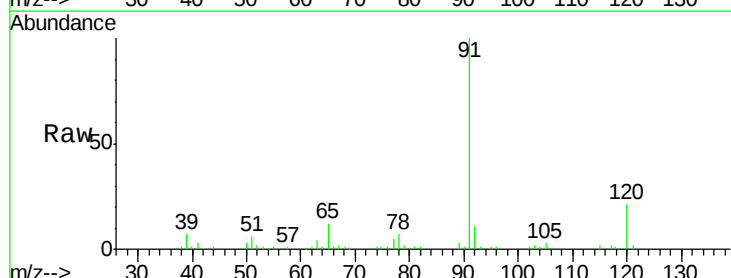
Acq: 8 May 2020 14:59

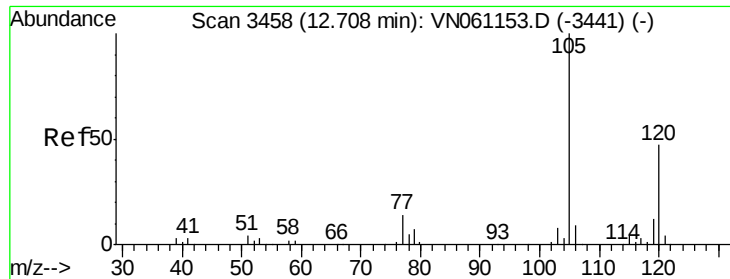
Tgt Ion: 91 Resp: 57767

Ion Ratio Lower Upper

91 100

126 0.0 15.9 47.7#

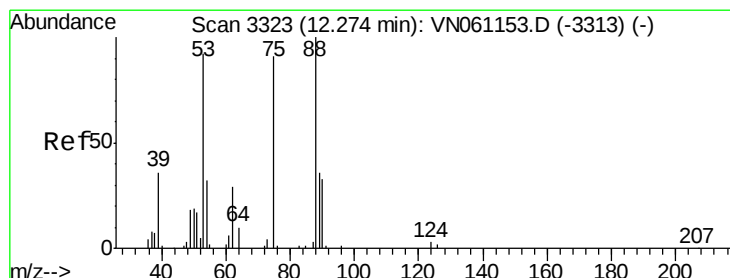
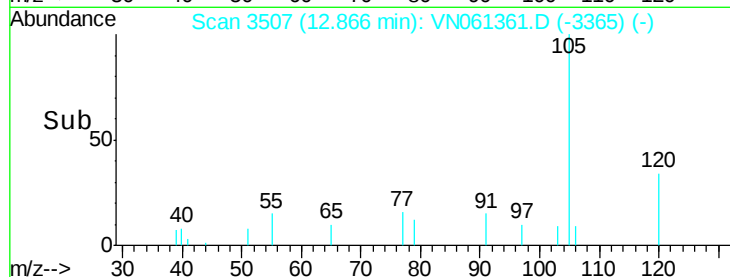
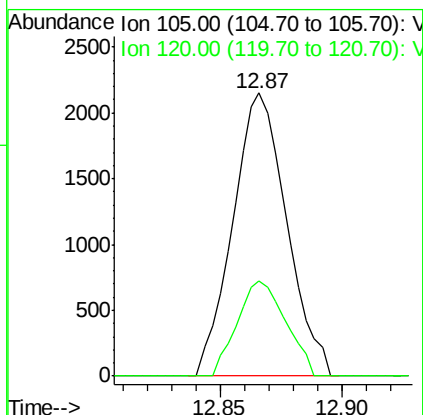
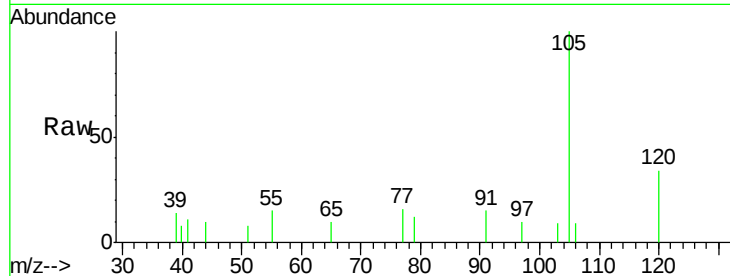




#80
 1,3,5-Trimethylbenzene
 Concen: 0.696 ug/l
 RT: 12.87 min Scan# 3507
 Delta R.T. 0.16 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

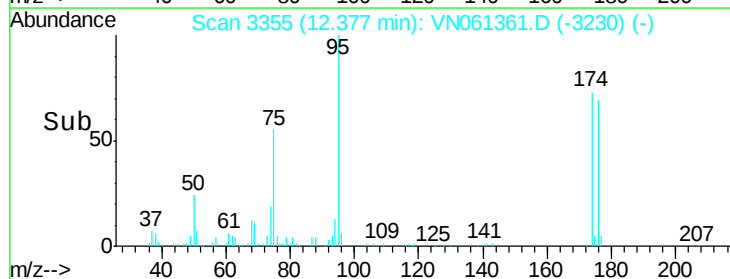
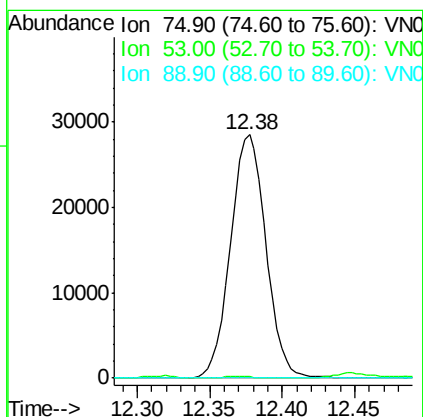
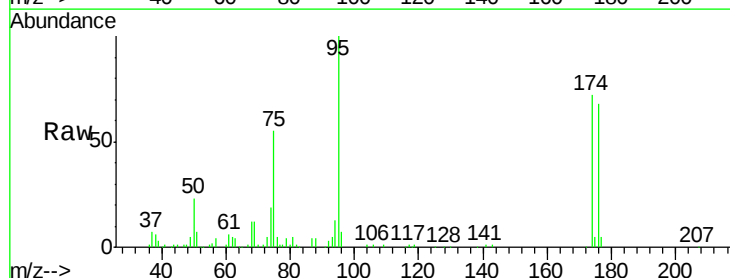
Instrument :
 MSVOA_N
 ClientSampled :

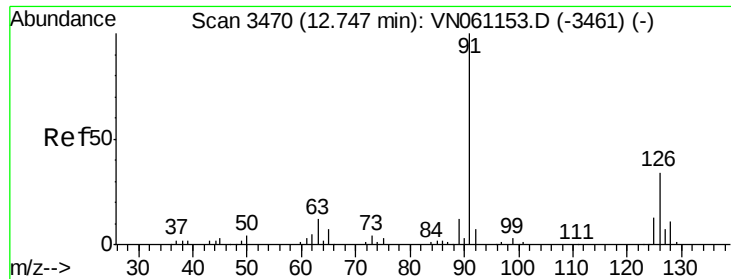
Tot Ion:105 Resp: 3294
 Ion Ratio Lower Upper
 105 100
 120 30.2 23.9 71.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.738 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.10 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

Tgt Ion: 75 Resp: 48248
 Ion Ratio Lower Upper
 75 100
 53 0.4 84.1 126.1#
 89 0.0 35.2 52.8#

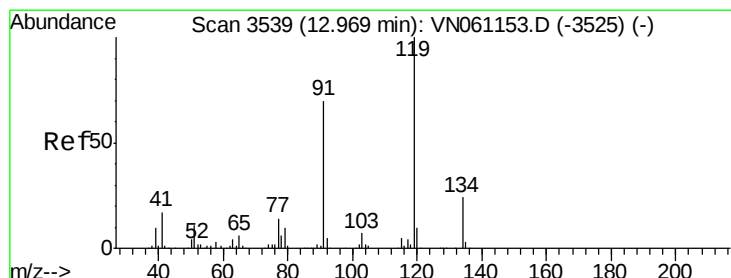
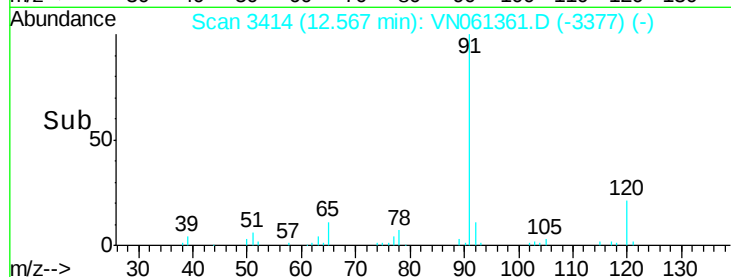
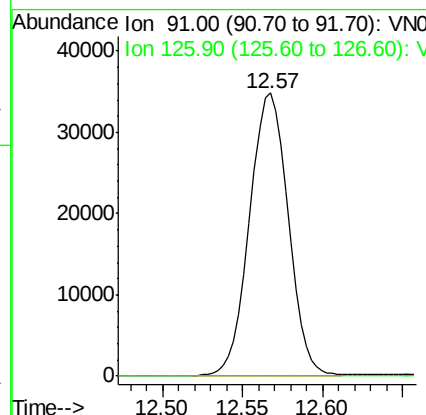
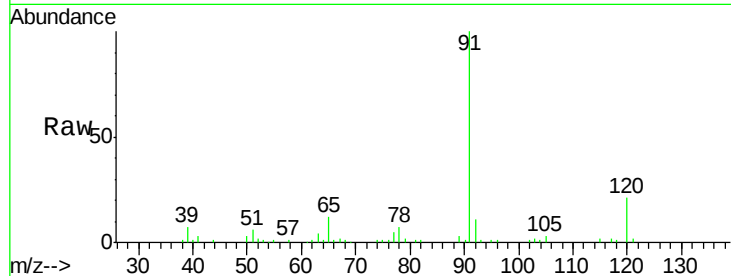




#82
4-Chlorotoluene
Concen: 13.753 ug/l
RT: 12.57 min Scan# 3414
Delta R.T. -0.18 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

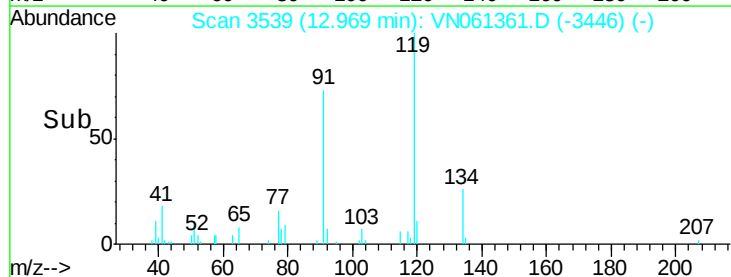
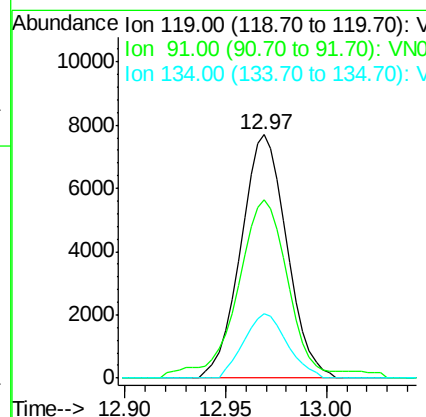
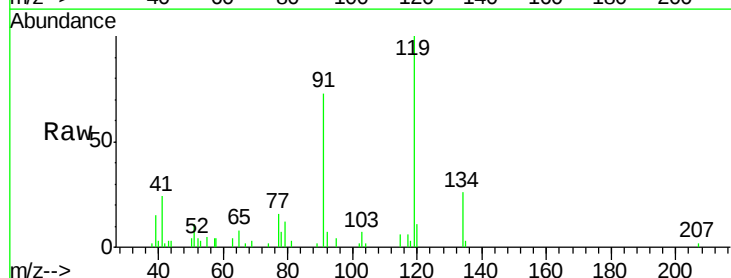
Instrument :
MSVOA_N
ClientSampleId :

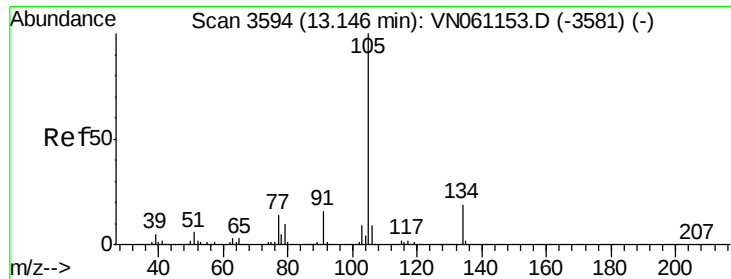
Tot Ion: 91 Resp: 57767
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#83
tert-Butylbenzene
Concen: 3.078 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Tgt Ion: 119 Resp: 12280
Ion Ratio Lower Upper
119 100
91 80.3 34.8 104.4
134 25.0 12.9 38.7

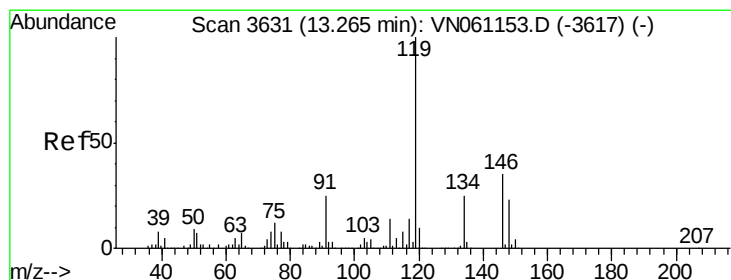
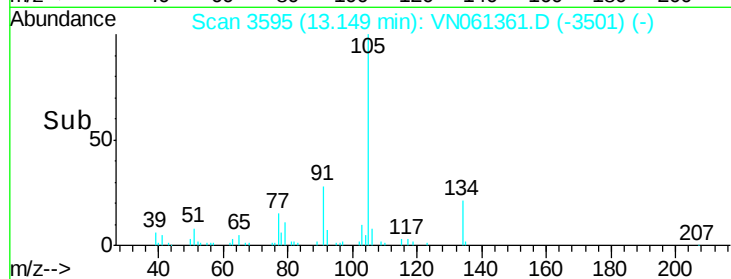
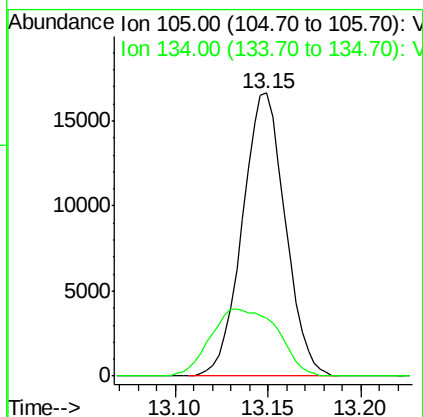
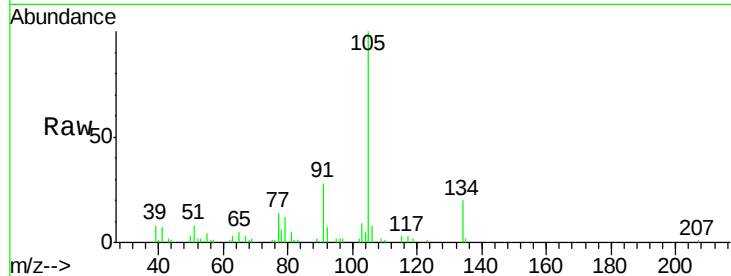




#85
 sec-Butylbenzene
 Concen: 4.901 ug/l
 RT: 13.15 min Scan# 3595
 Delta R.T. 0.00 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

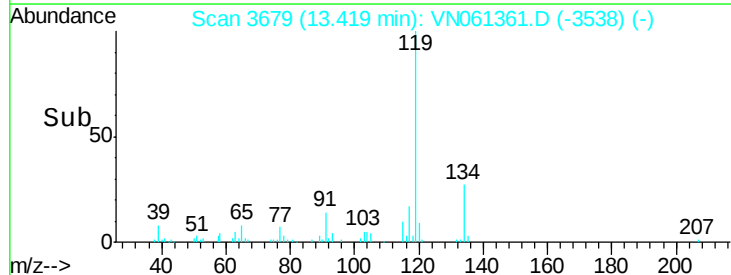
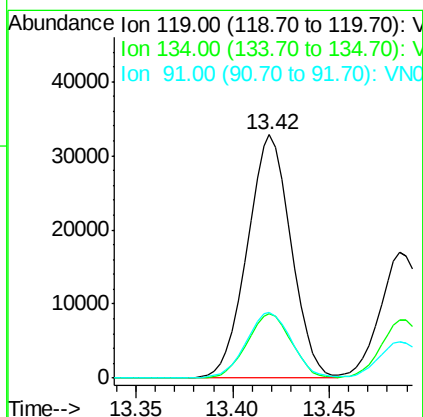
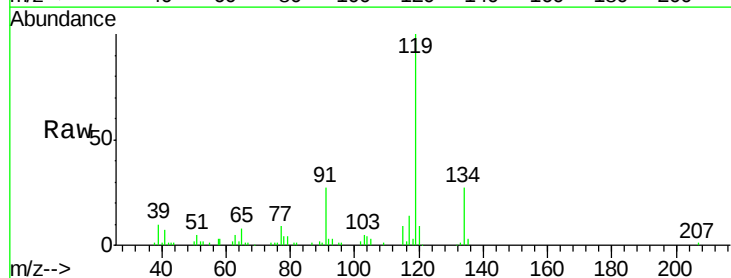
Instrument :
 MSVOA_N
 ClientSampleId :

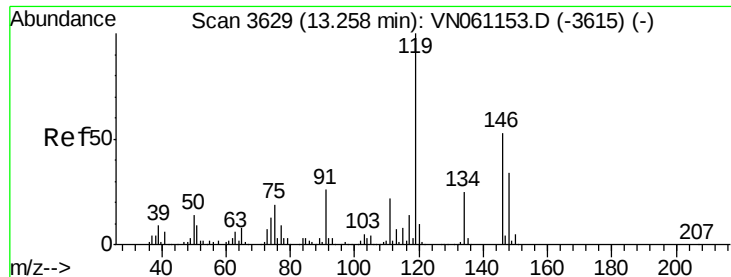
Tot Ion:105 Resp: 26660
 Ion Ratio Lower Upper
 105 100
 134 37.2 9.6 28.8#



#86
 p-Isopropyltoluene
 Concen: 10.540 ug/l
 RT: 13.42 min Scan# 3679
 Delta R.T. 0.15 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

Tgt Ion:119 Resp: 51651
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.6
 91 28.1 12.7 38.0

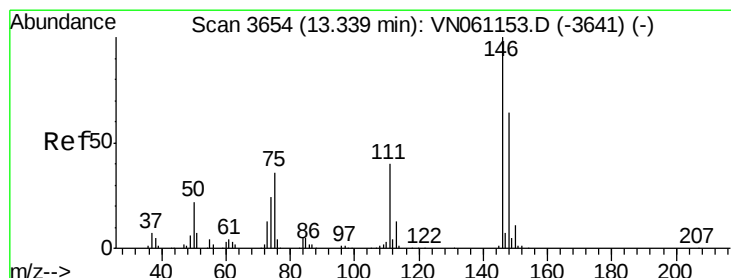
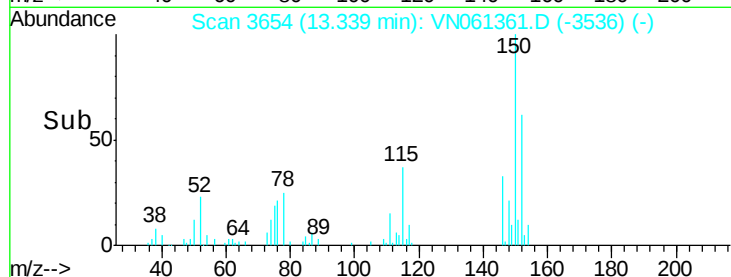
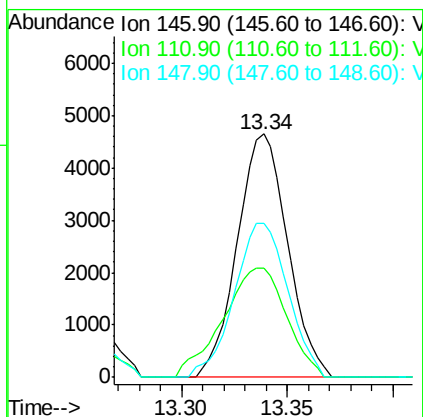
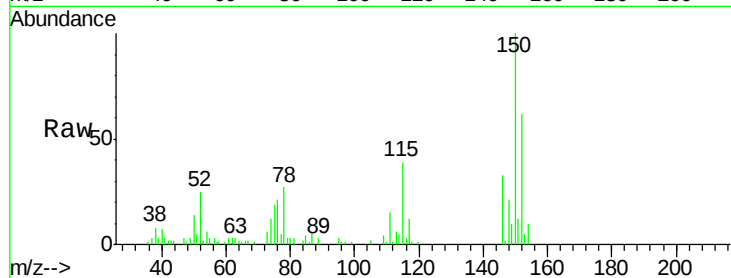




#87
 1,3-Dichlorobenzene
 Concen: 3.179 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.08 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

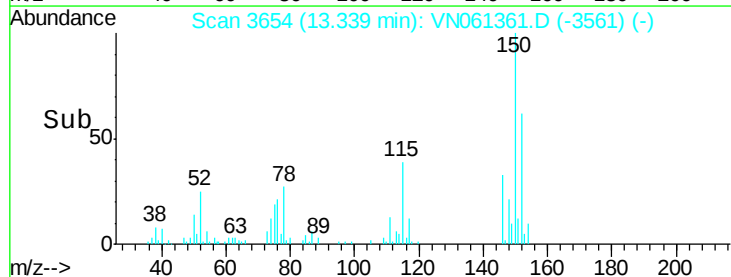
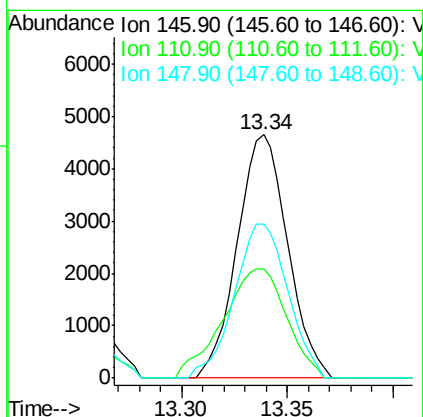
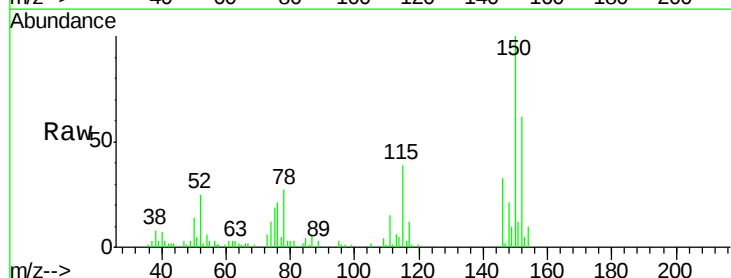
Instrument :
 MSVOA_N
 ClientSampleId :

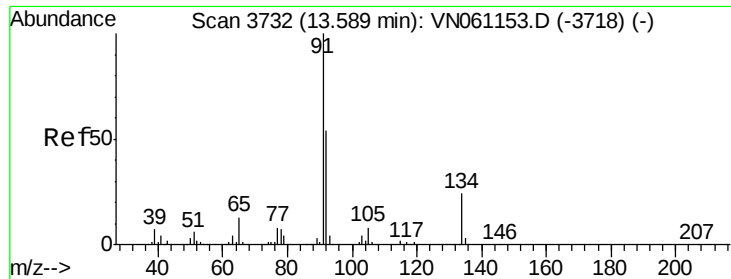
Tot Ion:146 Resp: 7724
 Ion Ratio Lower Upper
 146 100
 111 56.7 20.7 62.1
 148 67.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 3.112 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

Tgt Ion:146 Resp: 7724
 Ion Ratio Lower Upper
 146 100
 111 56.7 20.4 61.3
 148 67.2 31.9 95.7





#89

n-Butylbenzene

Concen: 1.947 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061361.D

Acq: 8 May 2020 14:59

Instrument :

MSVOA_N

ClientSampleId :

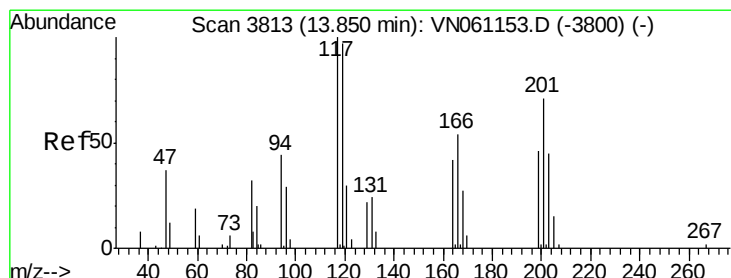
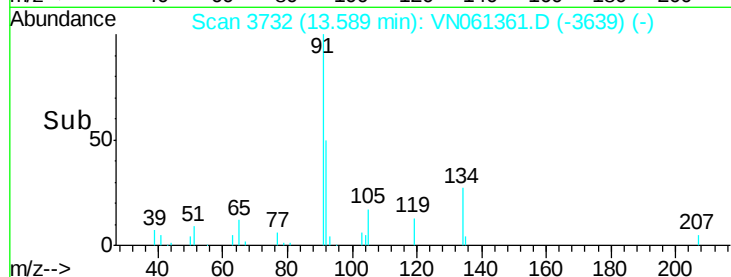
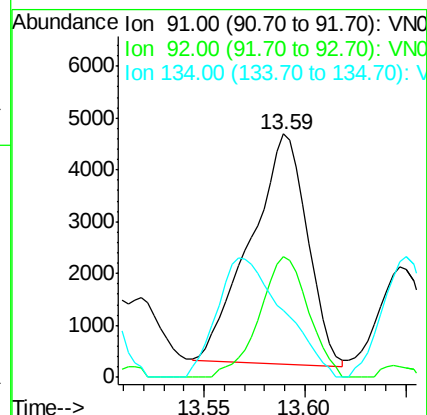
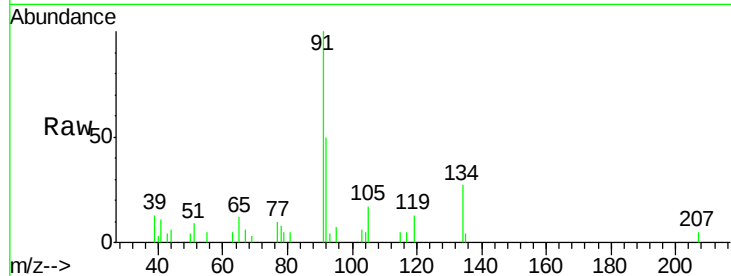
Tot Ion: 91 Resp: 8746

Ion Ratio Lower Upper

91 100

92 45.0 26.8 80.3

134 0.0 11.9 35.5#



#90

Hexachloroethane

Concen: 17.166 ug/l

RT: 13.87 min Scan# 3818

Delta R.T. 0.02 min

Lab File: VN061361.D

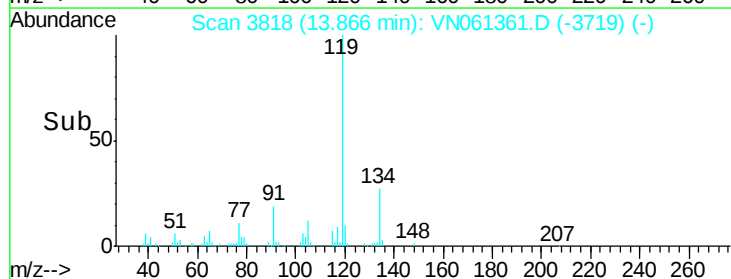
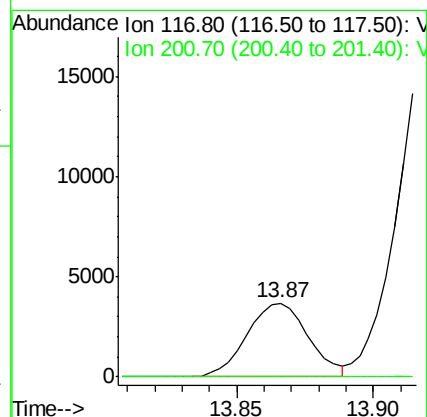
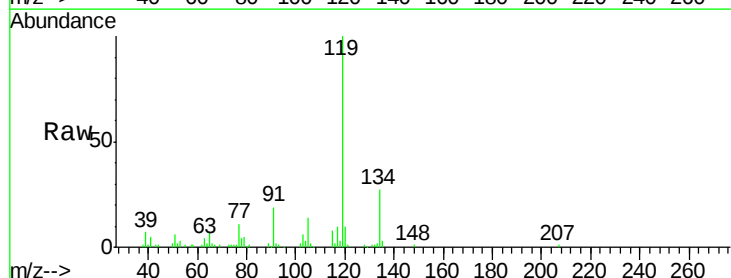
Acq: 8 May 2020 14:59

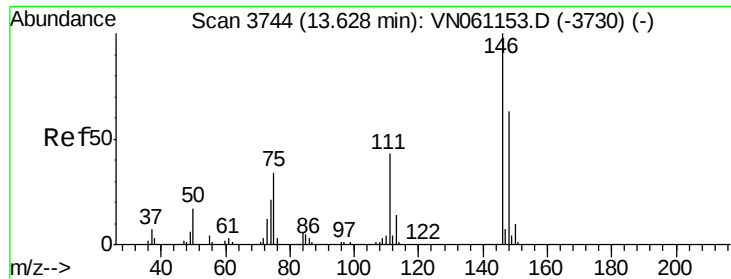
Tgt Ion: 117 Resp: 5754

Ion Ratio Lower Upper

117 100

201 0.0 35.5 106.7#

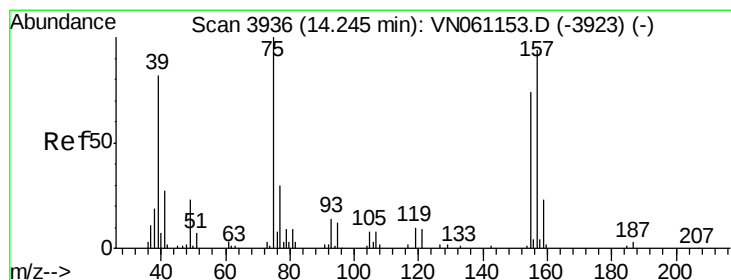
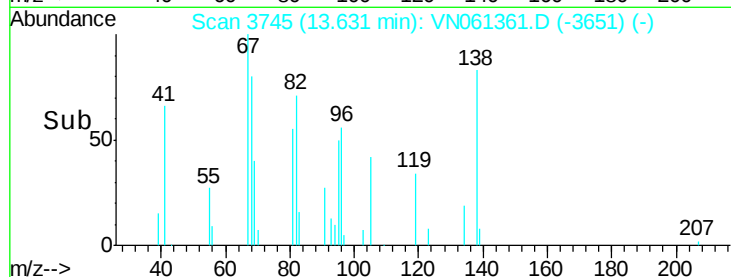
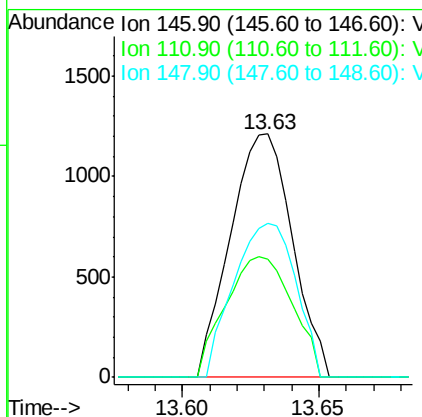
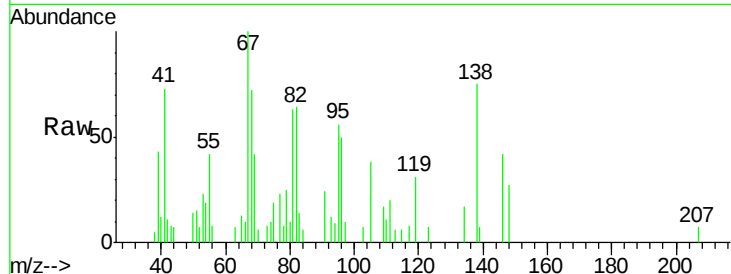




#91
 1,2-Dichlorobenzene
 Concen: 0.819 ug/l
 RT: 13.63 min Scan# 3745
 Delta R.T. 0.00 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

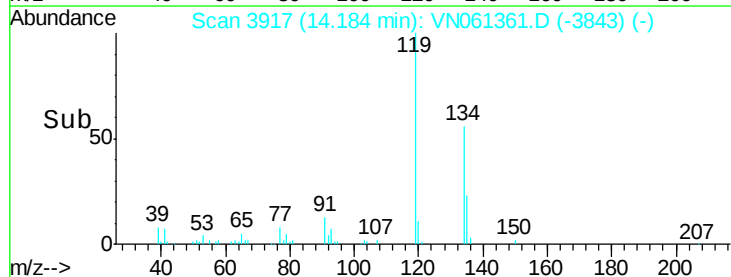
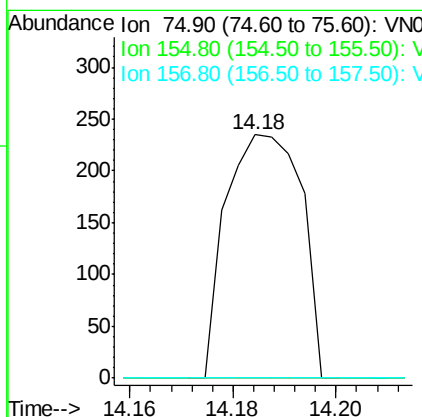
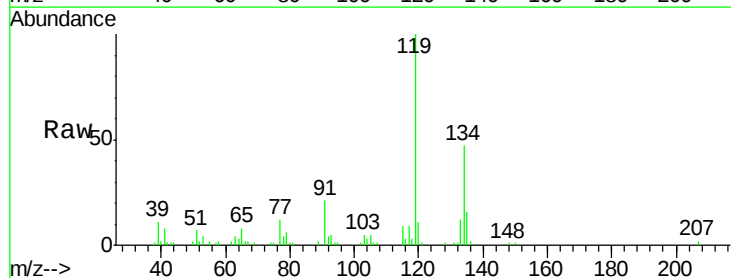
Instrument :
 MSVOA_N
 ClientSampled :

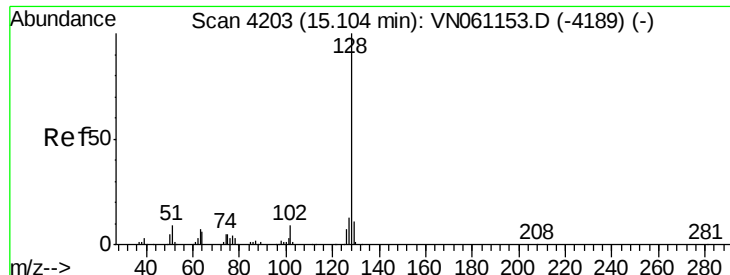
Tot Ion:146 Resp: 1908
 Ion Ratio Lower Upper
 146 100
 111 53.4 21.8 65.3
 148 63.5 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.630 ug/l
 RT: 14.18 min Scan# 3917
 Delta R.T. -0.06 min
 Lab File: VN061361.D
 Acq: 8 May 2020 14:59

Tgt Ion: 75 Resp: 237
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.5 109.7#
 157 0.0 46.6 139.7#

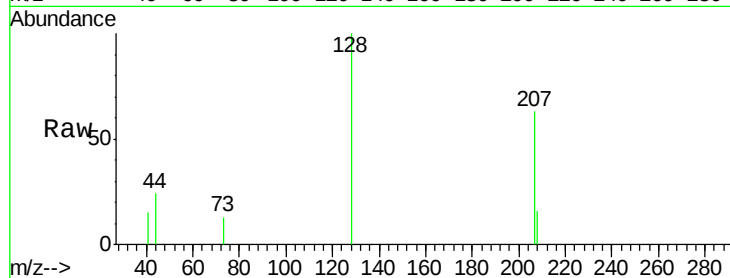




#95
Naphthalene
Concen: 0.457 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061361.D
Acq: 8 May 2020 14:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 2110
Ion Ratio Lower Upper
128 100
127 1.4 10.4 15.6#
129 0.0 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

