

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061343.D
 Acq On : 7 May 2020 18:49
 Operator : JC/MD
 Sample : L2544-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 02:56:41 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

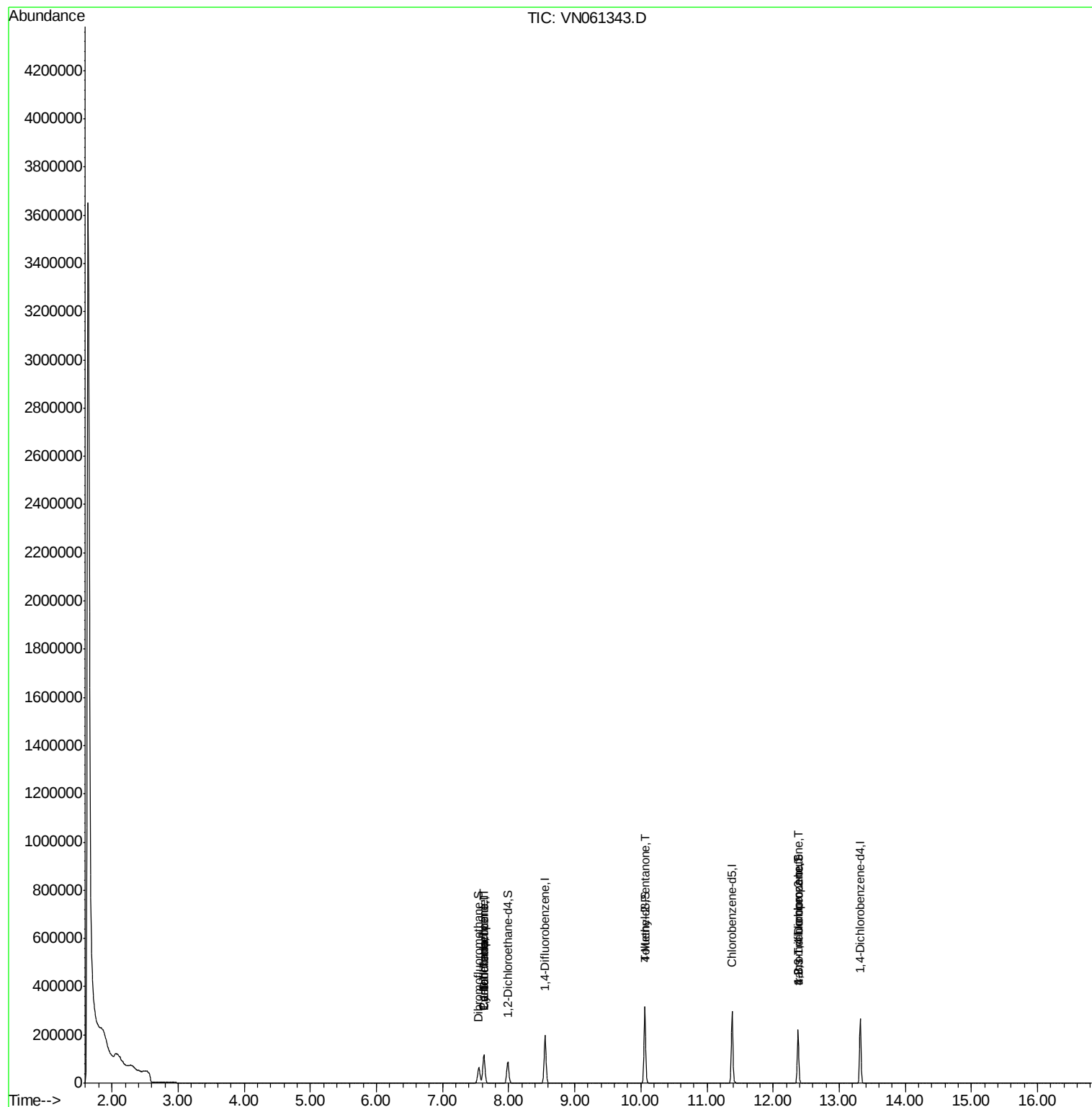
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	88875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	160529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	155495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	65884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	76988	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
35) Dibromofluoromethane	7.55	113	49169	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.06	98	203773	52.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.32%	
62) 4-Bromofluorobenzene	12.38	95	72968	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
Target Compounds				Qvalue		
16) Acetone	3.78	43	491	Below Cal	#	47
31) Cyclohexane	7.63	56	2476	1.210	ug/l #	17
36) 1,1-Dichloropropene	7.63	75	8146	5.069	ug/l #	49
38) Carbon Tetrachloride	7.63	117	9210	8.281	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1137	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	40244	28.973	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	40244	73.577	ug/l #	8

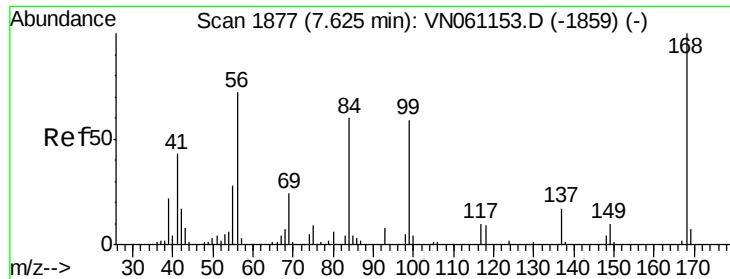
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050720\
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Quant Title : SW846 8260
QLast Update : Tue May 05 07:01:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061343.D

Acq: 7 May 2020 18:49

Instrument :

MSVOA_N

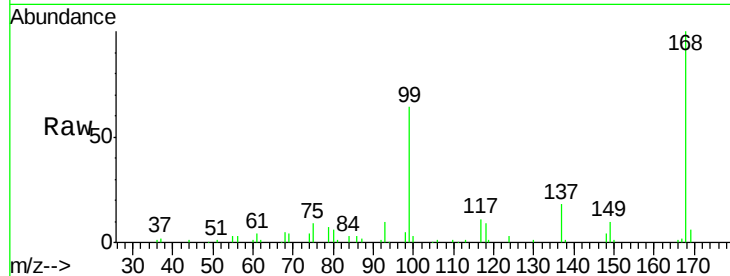
ClientSampleId :

Tot Ion:168 Resp: 88875

Ion Ratio Lower Upper

168 100

99 63.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061153.D (-1859) (-)

Ion 98.90 (98.60 to 99.60): VN061153.D (-1859) (-)

7.63

40000

30000

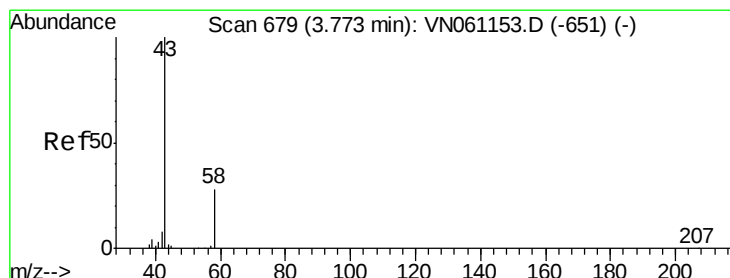
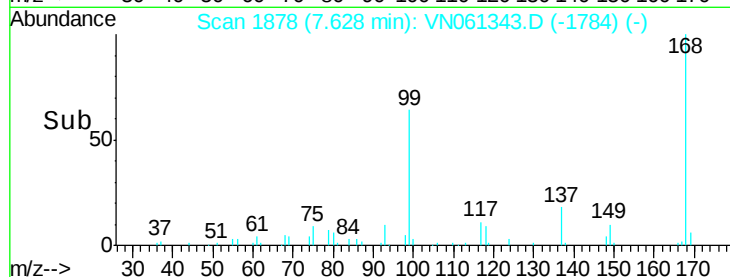
20000

10000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061343.D

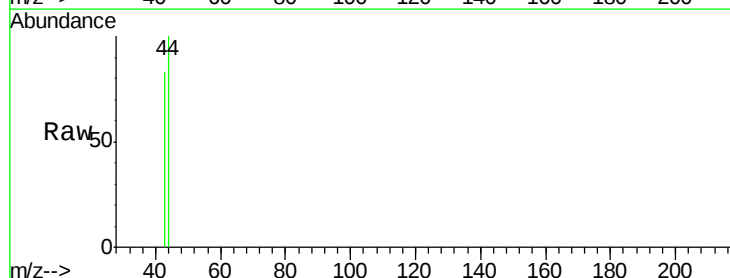
Acq: 7 May 2020 18:49

Tgt Ion: 43 Resp: 491

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) (-)

3.78

400

300

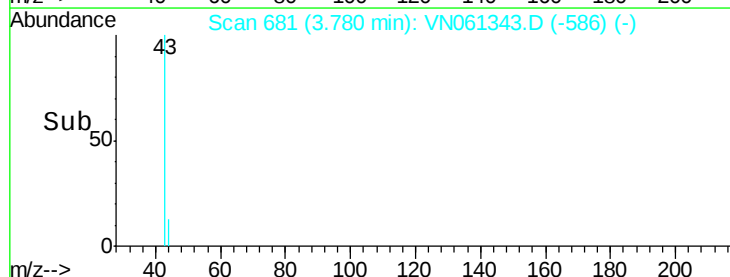
200

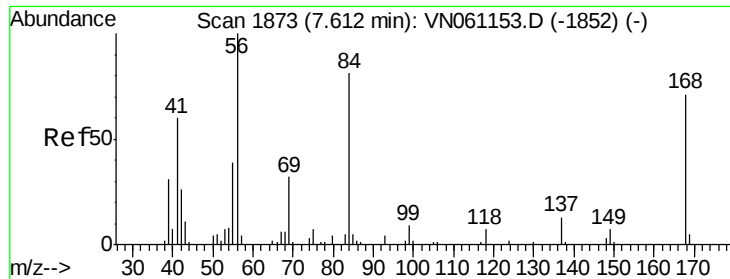
100

0

3.74 3.76 3.78 3.80

Time-->

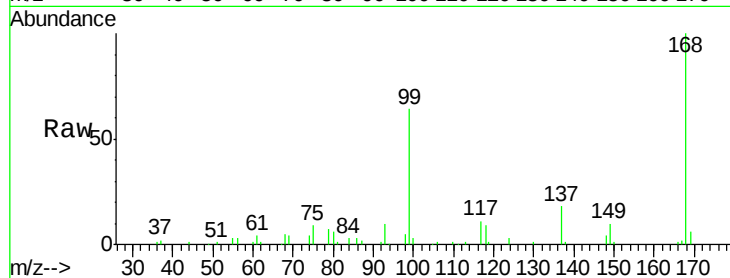




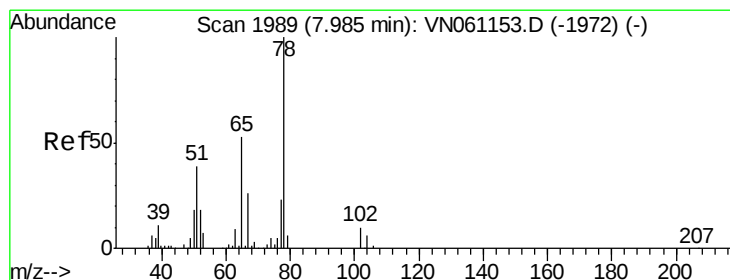
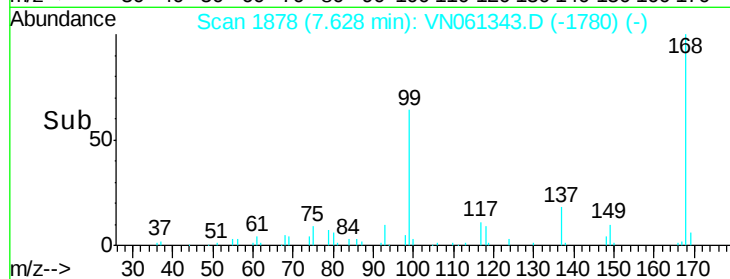
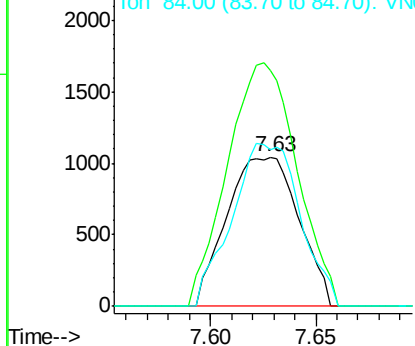
#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. 0.02 min
Lab File: VN061343.D
Acq: 7 May 2020 18:49

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2476
Ion Ratio Lower Upper
56 100
69 158.1 25.7 38.5#
84 104.7 64.6 97.0#

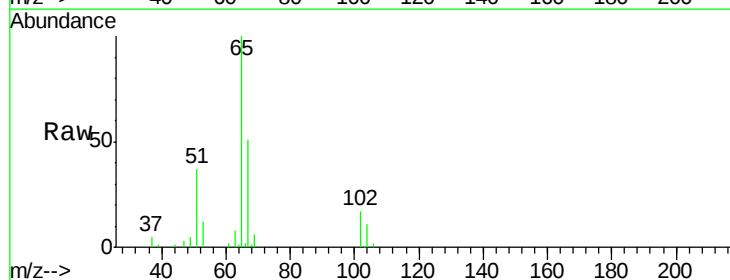


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

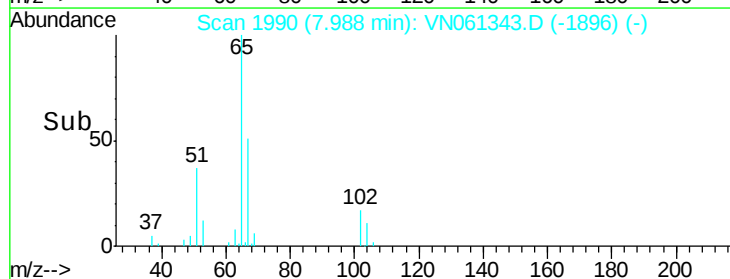
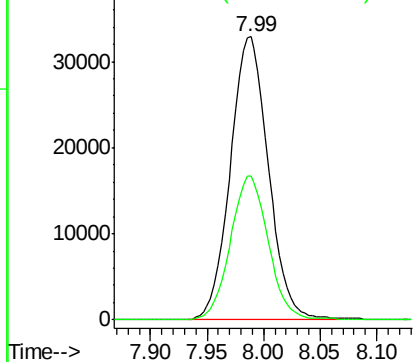


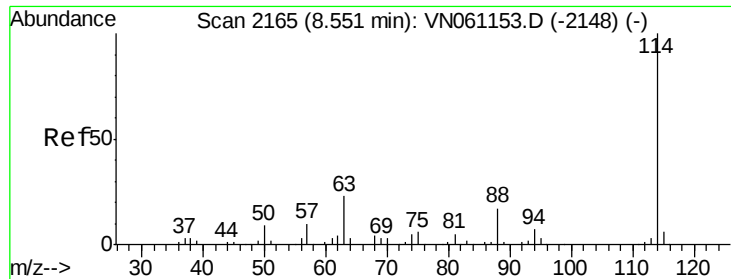
#33
1,2-Dichloroethane-d4
Concen: 54.746 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061343.D
Acq: 7 May 2020 18:49

Tgt Ion: 65 Resp: 76988
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.6



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

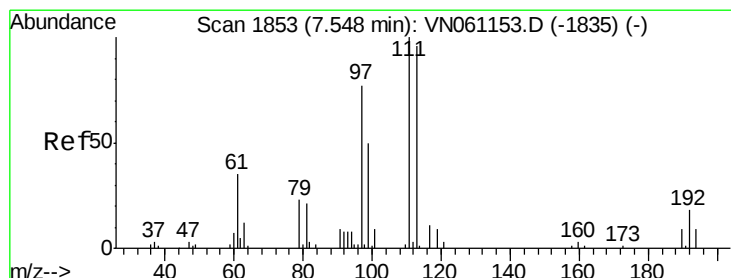
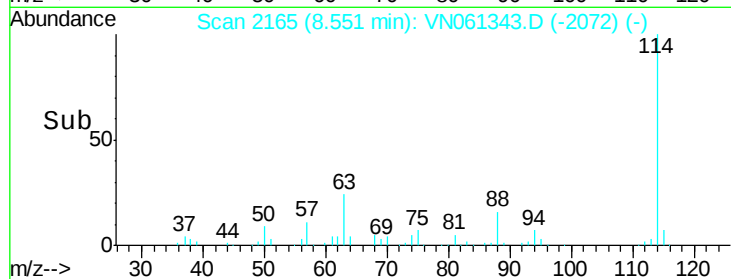
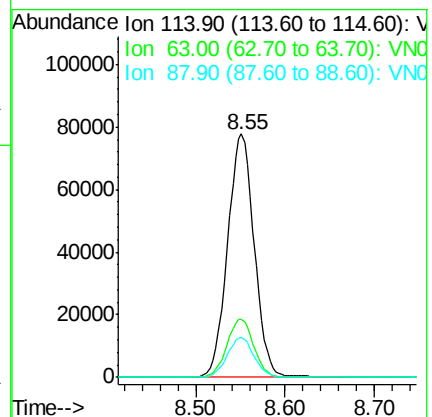
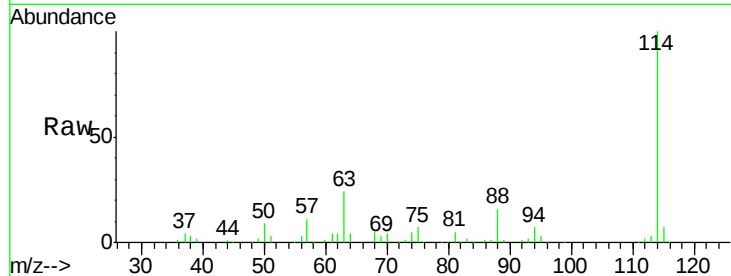




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061343.D
 Acq: 7 May 2020 18:49

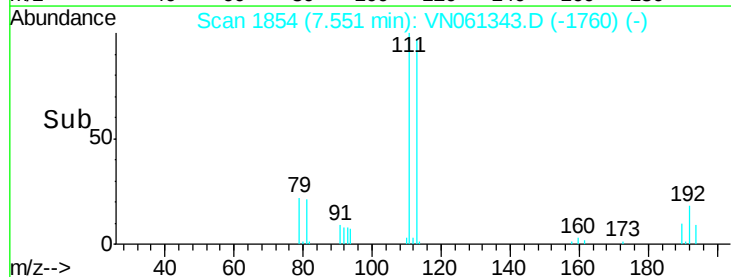
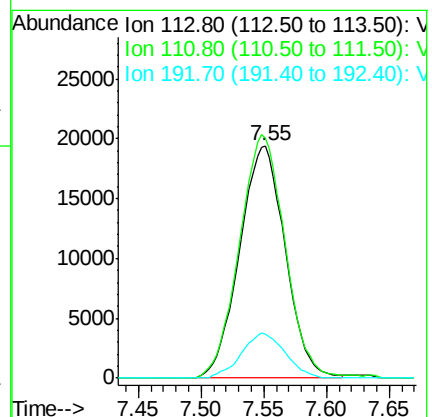
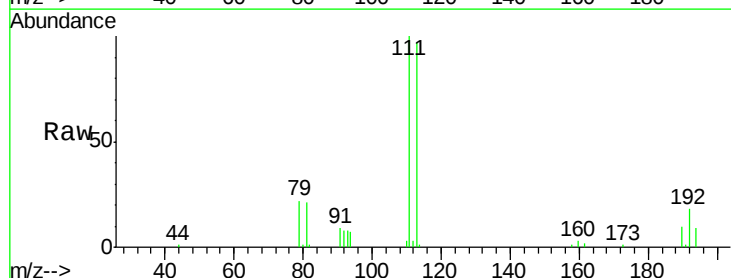
Instrument :
 MSVOA_N
 ClientSampled :

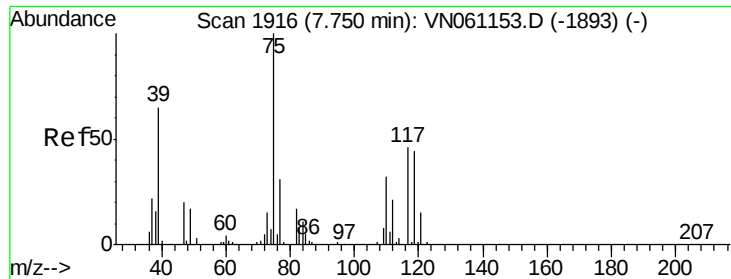
Tot Ion:114 Resp: 160529
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 46.6
 88 16.3 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 51.798 ug/l
 RT: 7.55 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN061343.D
 Acq: 7 May 2020 18:49

Tgt Ion:113 Resp: 49169
 Ion Ratio Lower Upper
 113 100
 111 104.8 82.9 124.3
 192 18.5 14.7 22.1

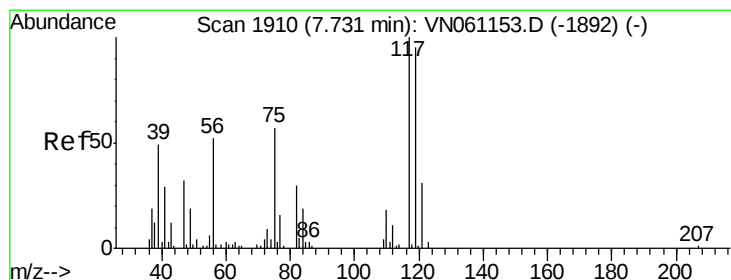
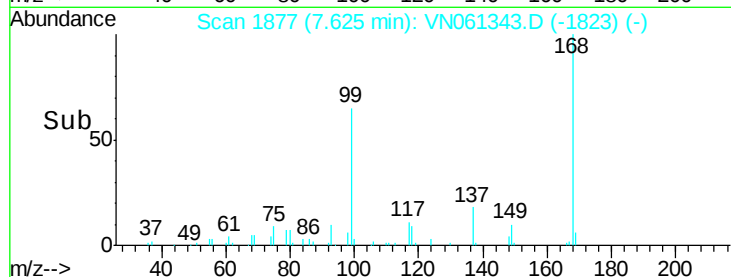
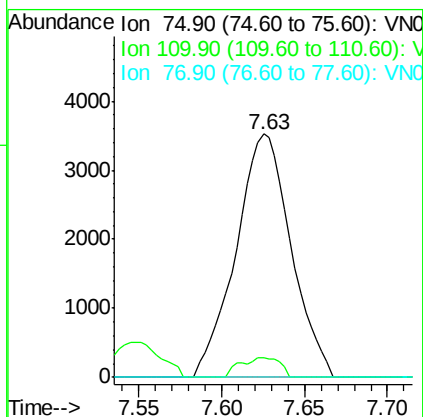
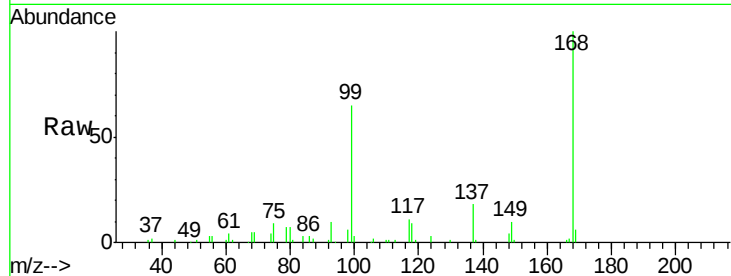




#36
 1,1-Dichloropropene
 Concen: 5.069 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061343.D
 Acq: 7 May 2020 18:49

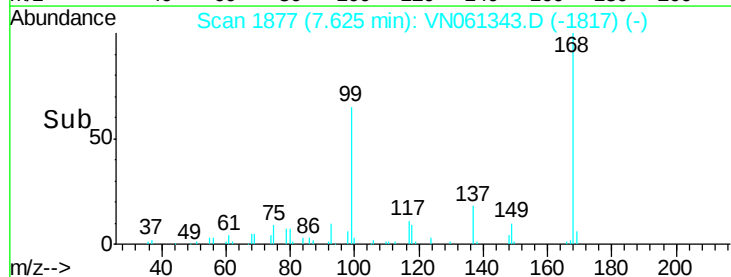
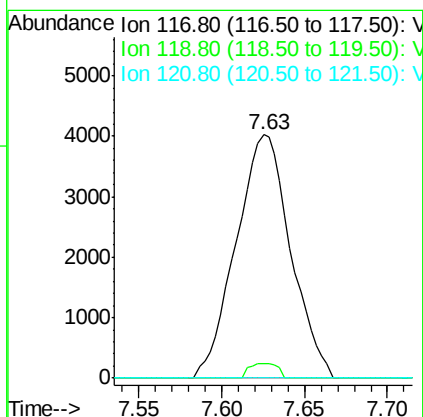
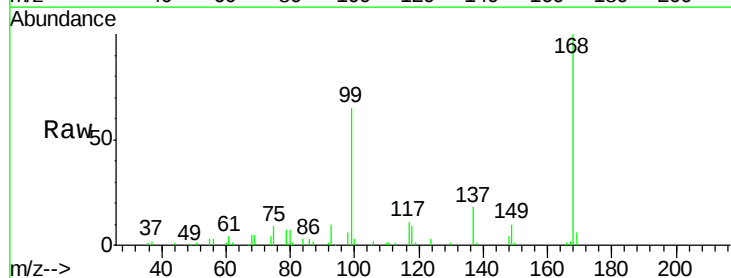
Instrument :
 MSVOA_N
 ClientSampleId :

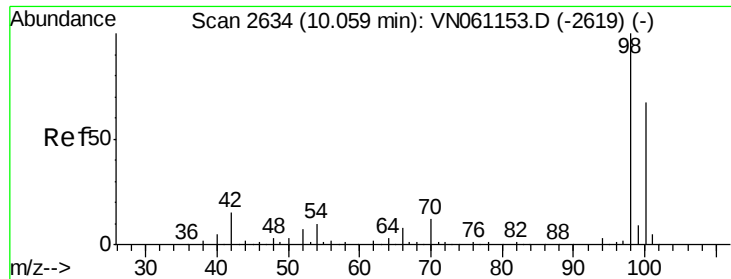
Tot Ion: 75 Resp: 8146
 Ion Ratio Lower Upper
 75 100
 110 5.9 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.281 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061343.D
 Acq: 7 May 2020 18:49

Tgt Ion: 117 Resp: 9210
 Ion Ratio Lower Upper
 117 100
 119 6.1 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 52.660 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061343.D

Acq: 7 May 2020 18:49

Instrument :

MSVOA_N

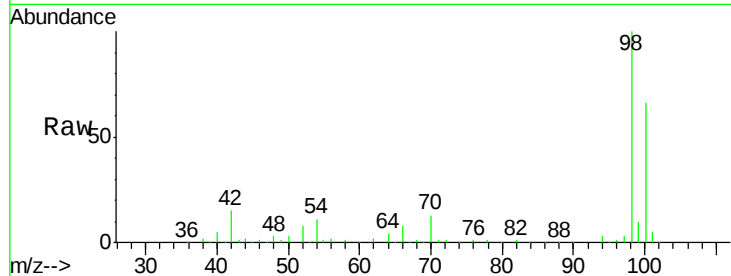
ClientSampleId :

Tot Ion: 98 Resp: 203773

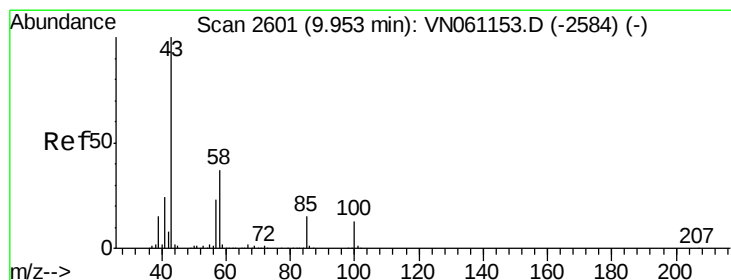
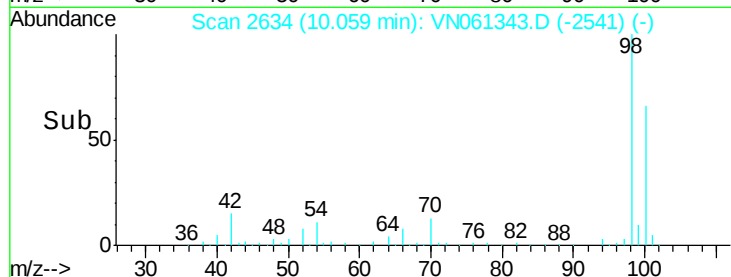
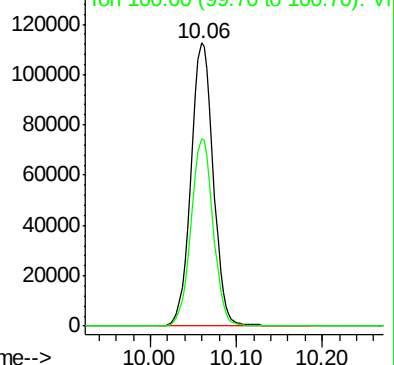
Ion Ratio Lower Upper

98 100

100 65.5 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)



#51

4-Methyl-2-Pentanone

Concen: 0.618 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.11 min

Lab File: VN061343.D

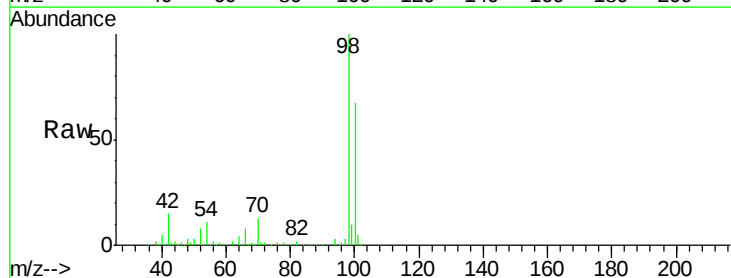
Acq: 7 May 2020 18:49

Tgt Ion: 43 Resp: 1137

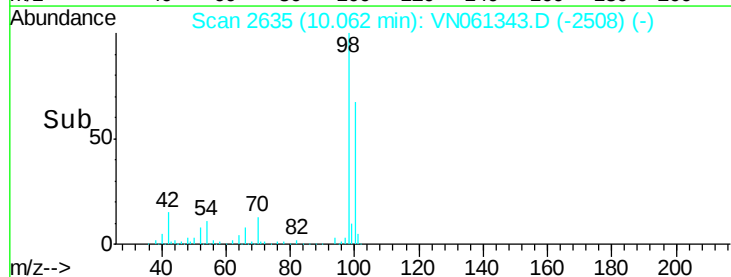
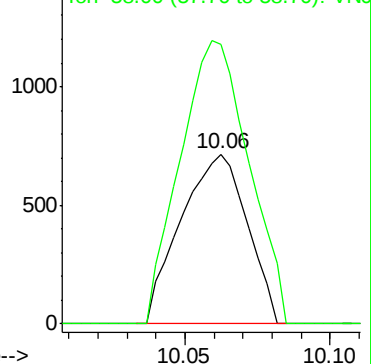
Ion Ratio Lower Upper

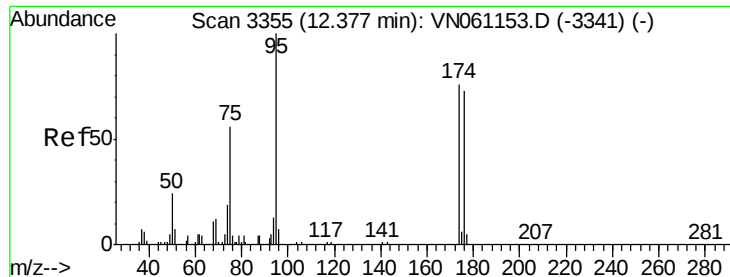
43 100

58 172.6 29.1 43.7#



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





#62

4-Bromofluorobenzene

Concen: 50.108 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061343.D

Acq: 7 May 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

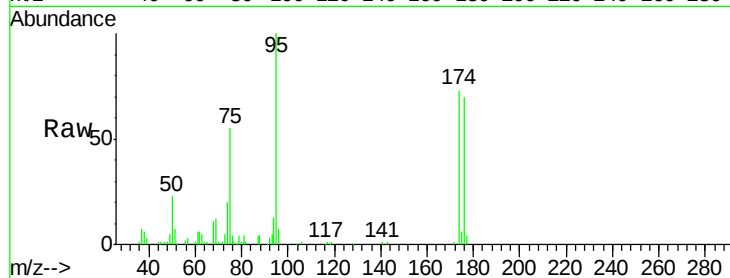
Tot Ion: 95 Resp: 72968

Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.4

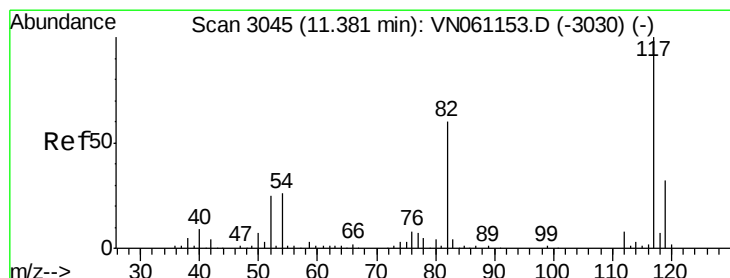
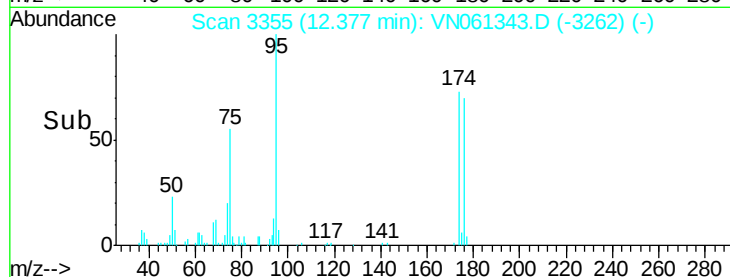
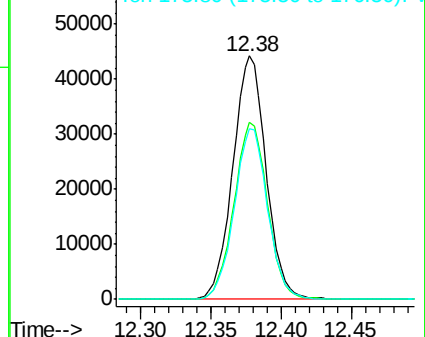
176 70.4 0.0 144.8



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: VN061343.D

Acq: 7 May 2020 18:49

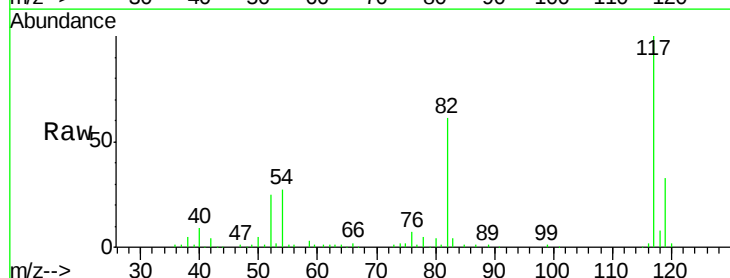
Tgt Ion: 117 Resp: 155495

Ion Ratio Lower Upper

117 100

82 60.6 47.8 71.8

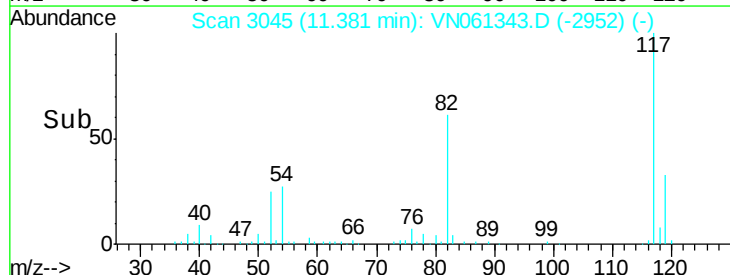
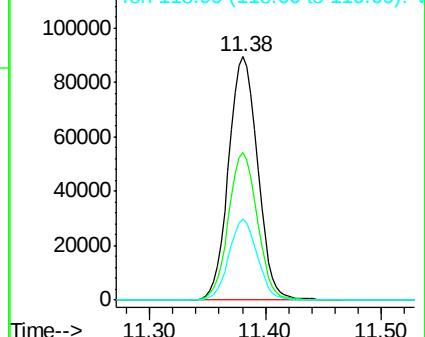
119 33.1 25.8 38.6

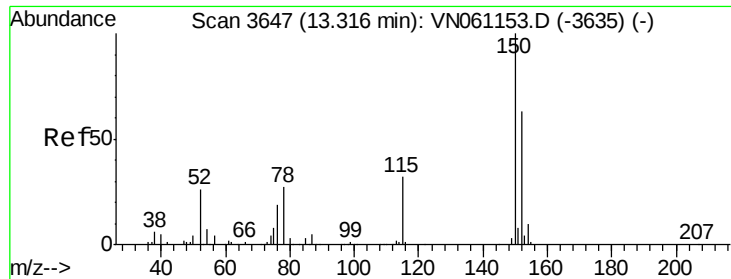


Abundance Ion 116.90 (116.60 to 117.60): VN061153.D (-3030) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061343.D

Acq: 7 May 2020 18:49

Instrument :

MSVOA_N

ClientSampled :

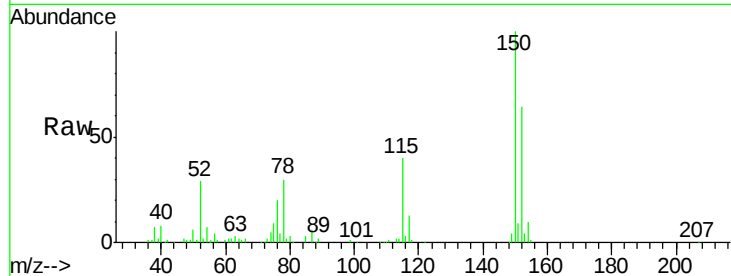
Tot Ion:152 Resp: 65884

Ion Ratio Lower Upper

152 100

115 61.9 31.0 93.0

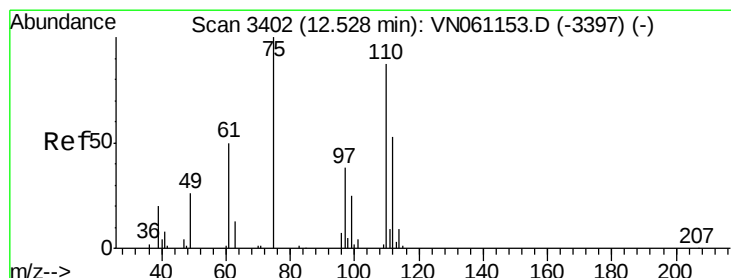
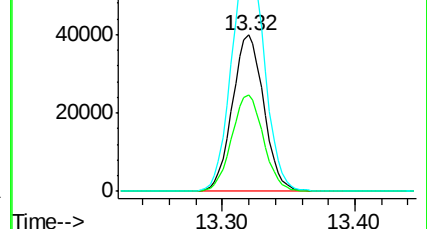
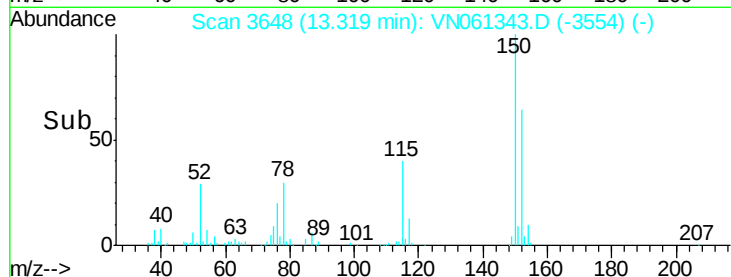
150 157.7 0.0 351.8



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



#76

1,2,3-Trichloropropane

Concen: 28.973 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061343.D

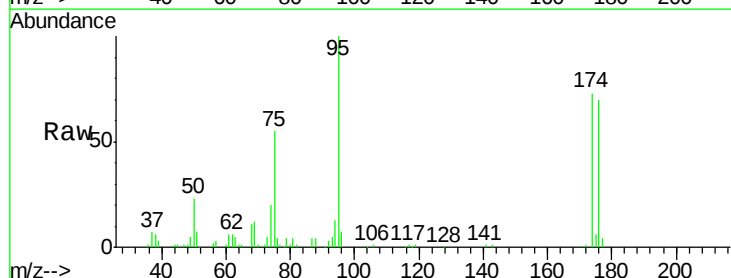
Acq: 7 May 2020 18:49

Tgt Ion: 75 Resp: 40244

Ion Ratio Lower Upper

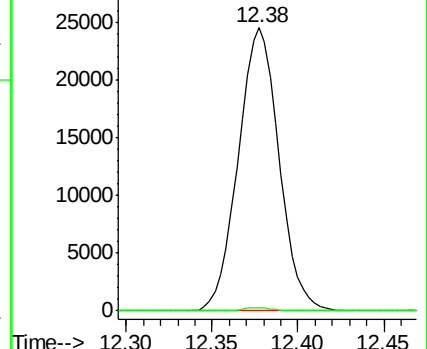
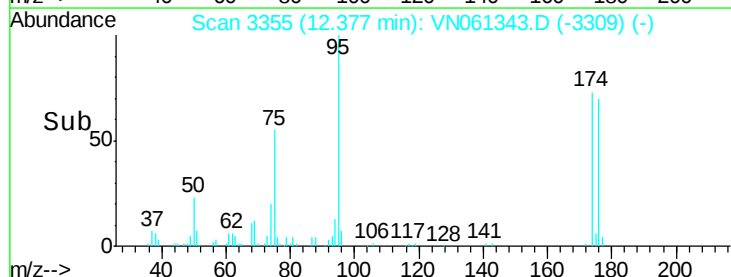
75 100

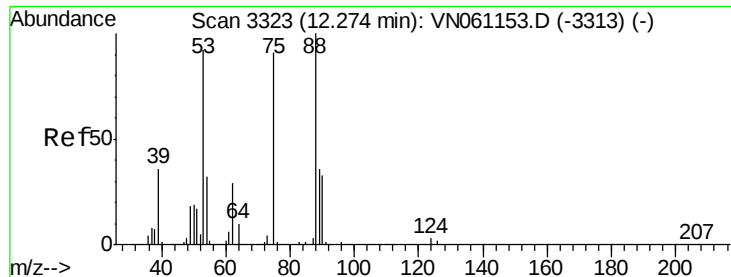
77 0.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 73.577 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061343.D

Acq: 7 May 2020 18:49

Instrument :

MSVOA_N

ClientSampleId :

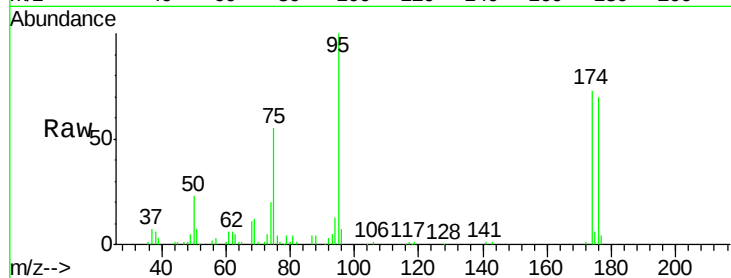
Tot Ion: 75 Resp: 40244

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

