

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061337.D
 Acq On : 7 May 2020 16:29
 Operator : JC/MD
 Sample : L2548-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 08 02:55:04 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	91910	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	170091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	164674	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	71518	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	79781	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	
35) Dibromofluoromethane	7.55	113	50896	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	10.06	98	213319	52.03	ug/l	0.00
Spiked Amount			Recovery	=	104.06%	
62) 4-Bromofluorobenzene	12.38	95	76958	49.88	ug/l	0.00
Spiked Amount			Recovery	=	99.76%	

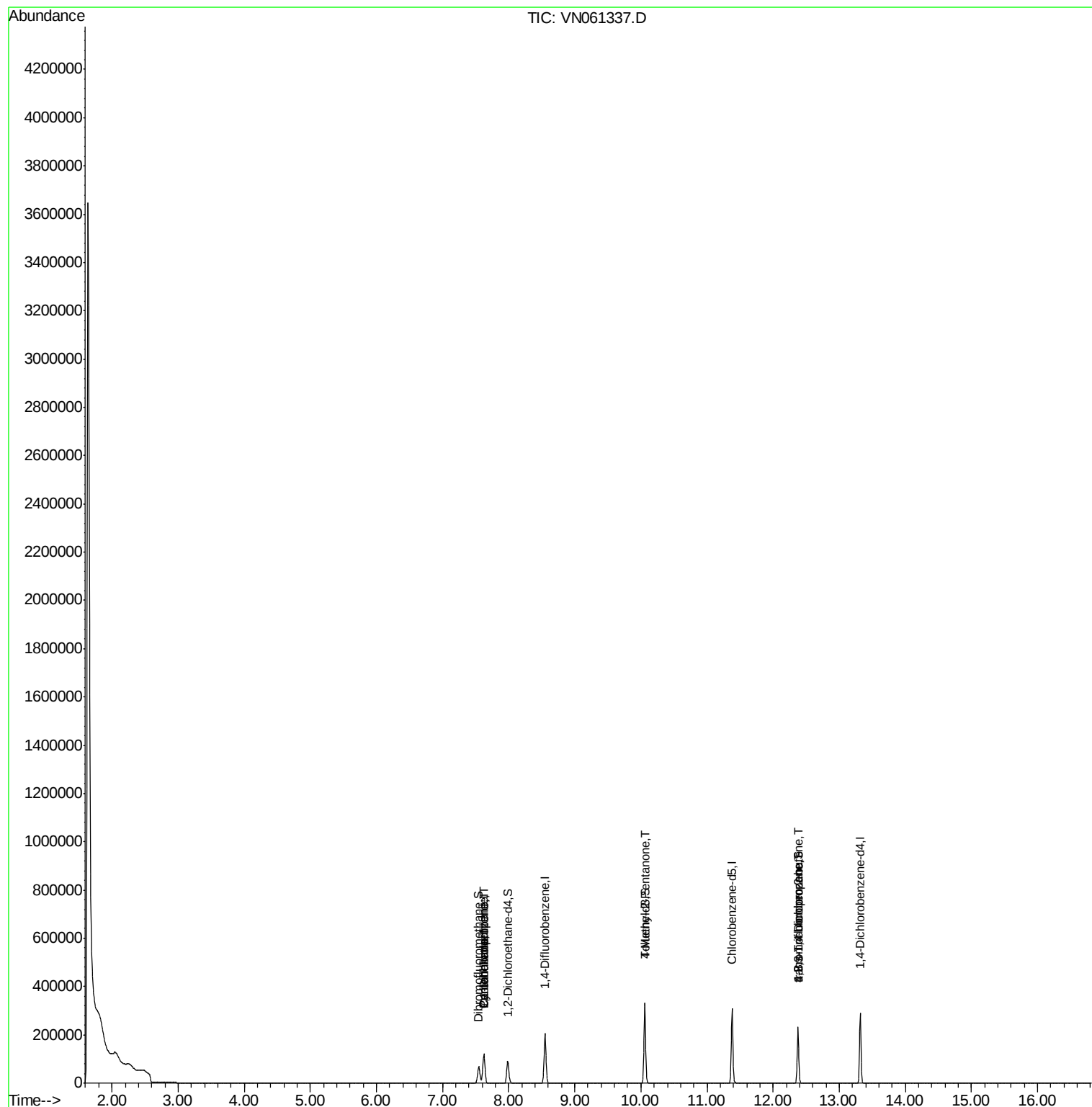
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	923	Below Cal	#	47
31) Cyclohexane	7.63	56	2405	1.137	ug/l #	22
36) 1,1-Dichloropropene	7.63	75	8600	5.051	ug/l #	50
38) Carbon Tetrachloride	7.63	117	10056	8.464	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1214	0.623	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	43132	28.606	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	43132	72.645	ug/l #	8

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050720\
Data File : VN061337.D
Acq On : 7 May 2020 16:29
Operator : JC/MD
Sample : L2548-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 08 02:55:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
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# 1877

Delta R.T. 0.00 min

Lab File: VN061337.D

Acq: 7 May 2020 16:29

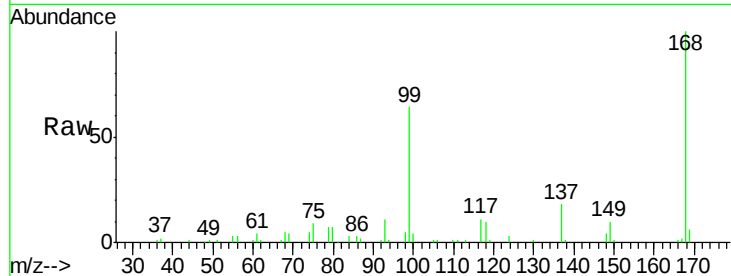
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 91910

Ion Ratio Lower Upper

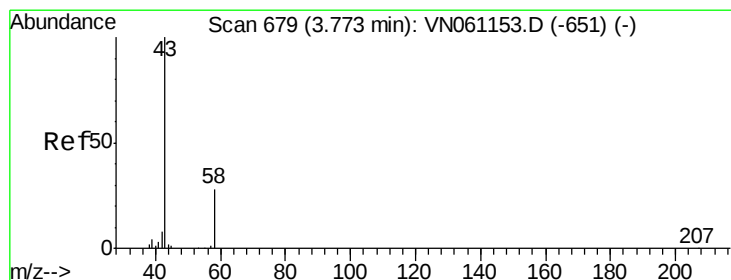
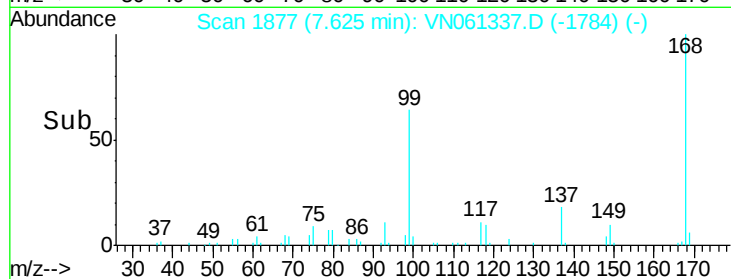
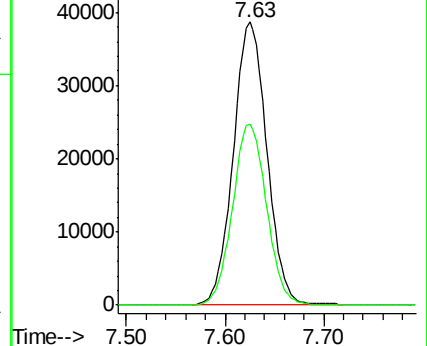
168 100

99 64.0 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 682

Delta R.T. 0.01 min

Lab File: VN061337.D

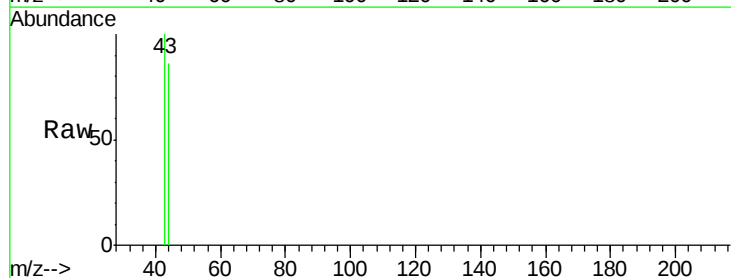
Acq: 7 May 2020 16:29

Tgt Ion: 43 Resp: 923

Ion Ratio Lower Upper

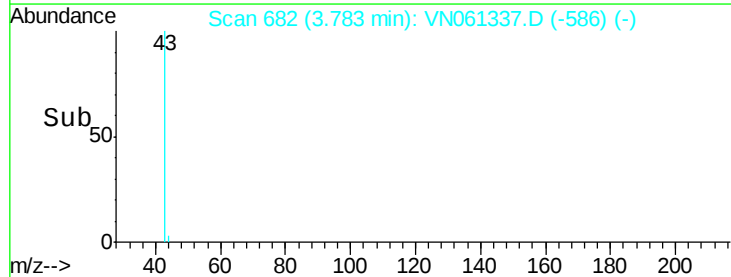
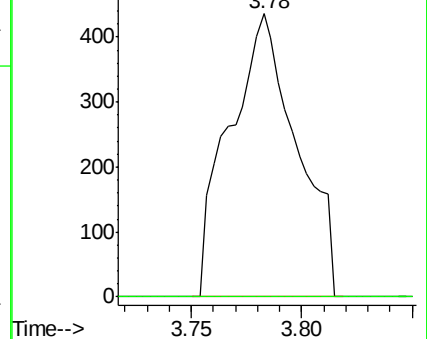
43 100

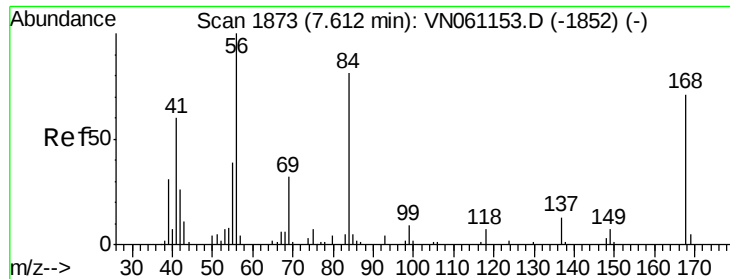
58 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

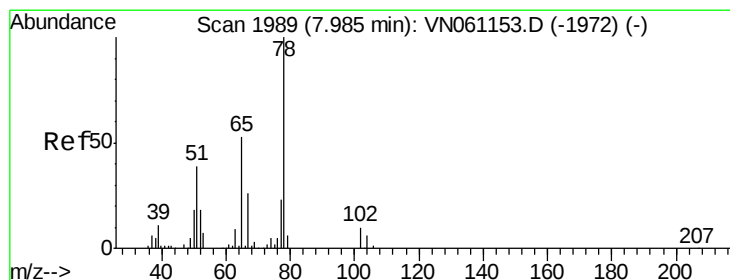
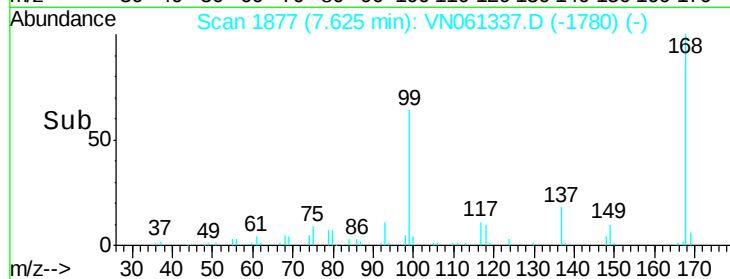
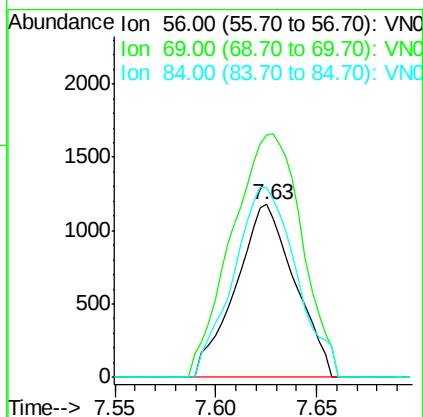
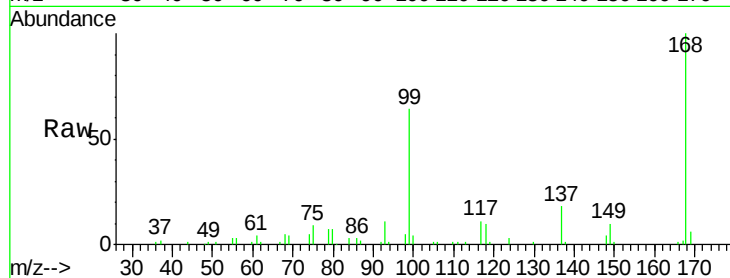




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VN061337.D
Acq: 7 May 2020 16:29

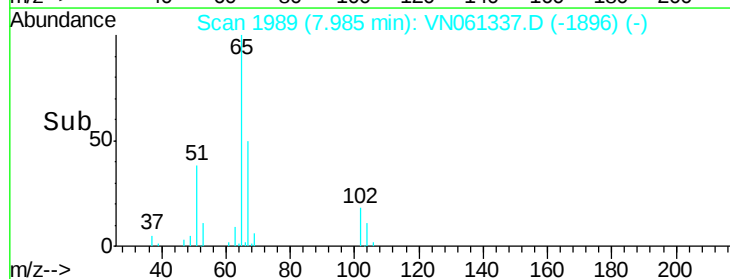
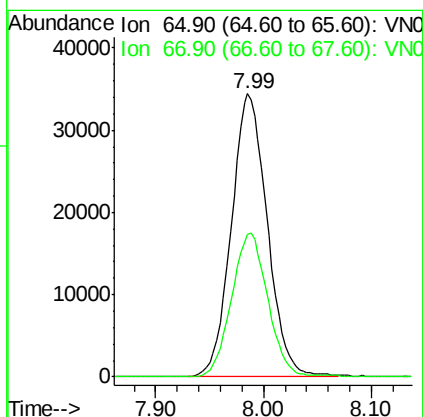
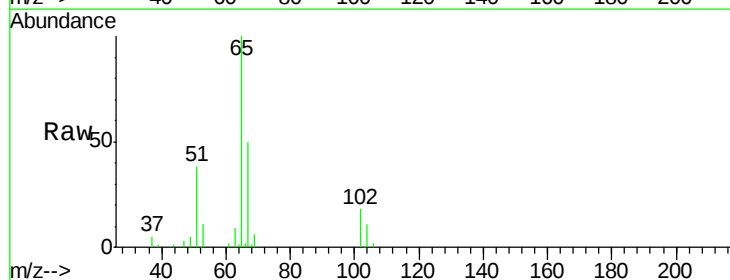
Instrument :
MSVOA_N
ClientSampled :

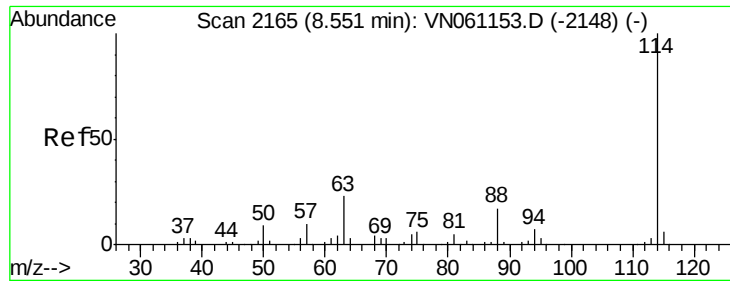
Tot Ion: 56 Resp: 2405
Ion Ratio Lower Upper
56 100
69 140.5 25.7 38.5#
84 109.7 64.6 97.0#



#33
1,2-Dichloroethane-d4
Concen: 54.859 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061337.D
Acq: 7 May 2020 16:29

Tgt Ion: 65 Resp: 79781
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6

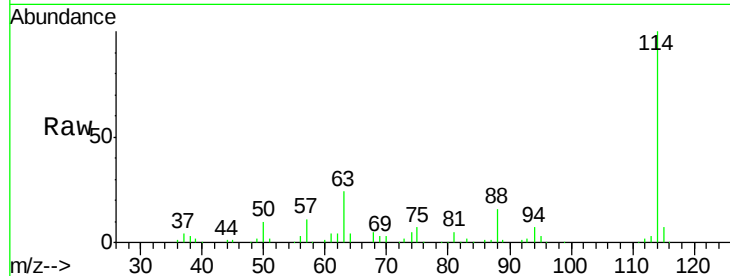




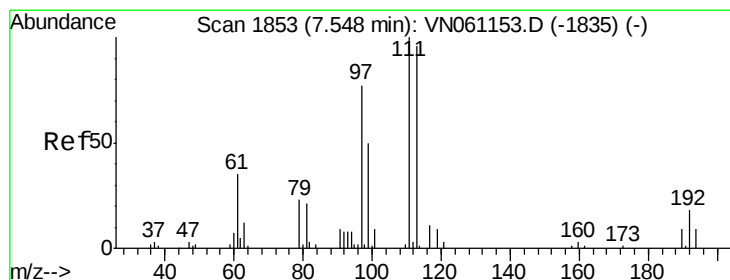
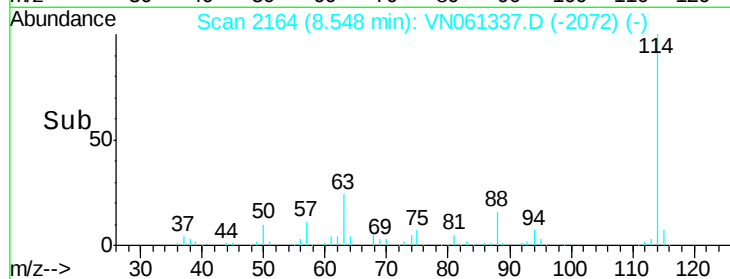
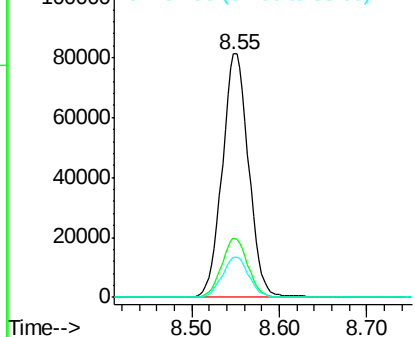
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2164
Delta R.T. -0.00 min
Lab File: VN061337.D
Acq: 7 May 2020 16:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:114 Resp: 170091
Ion Ratio Lower Upper
114 100
63 24.2 0.0 46.6
88 16.4 0.0 33.4

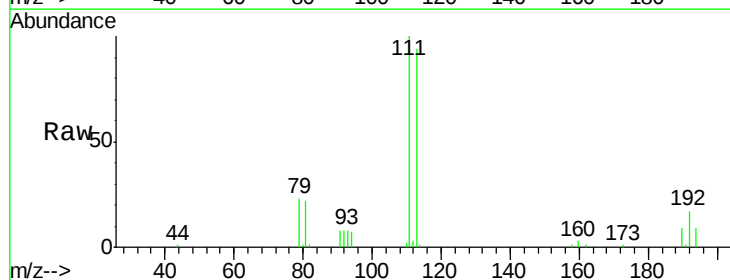


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

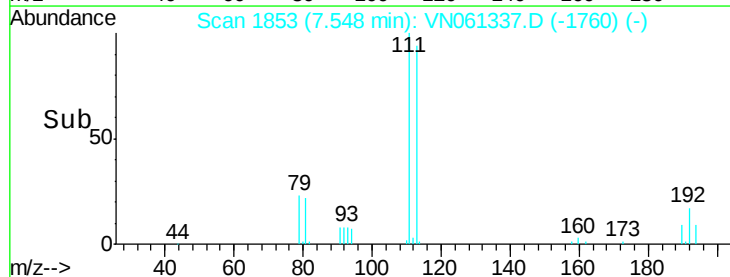
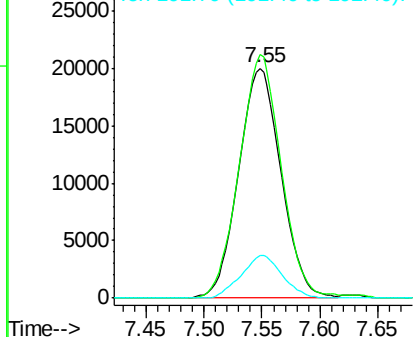


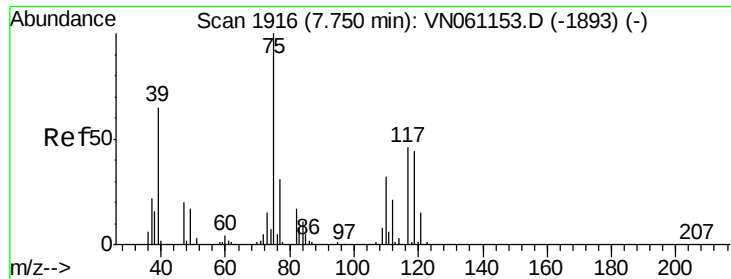
#35
Dibromofluoromethane
Concen: 50.603 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061337.D
Acq: 7 May 2020 16:29

Tgt Ion:113 Resp: 50896
Ion Ratio Lower Upper
113 100
111 105.1 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

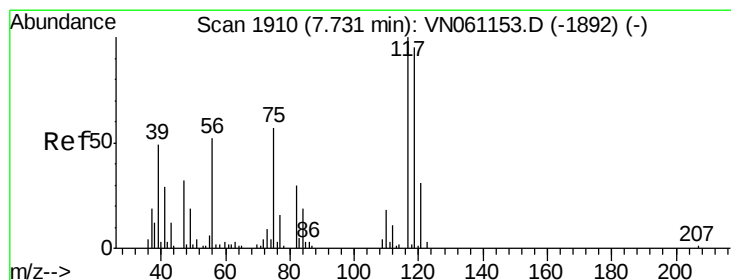
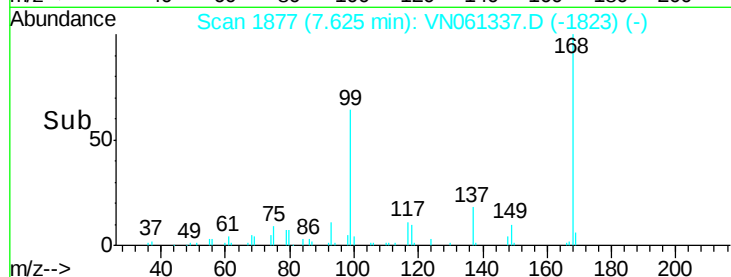
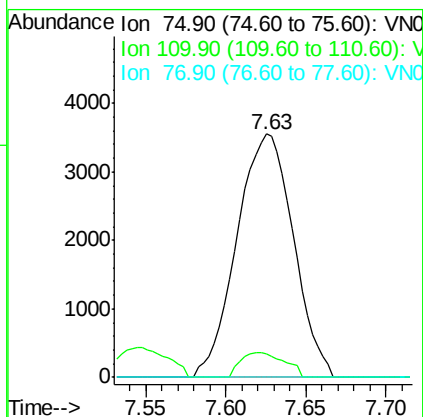
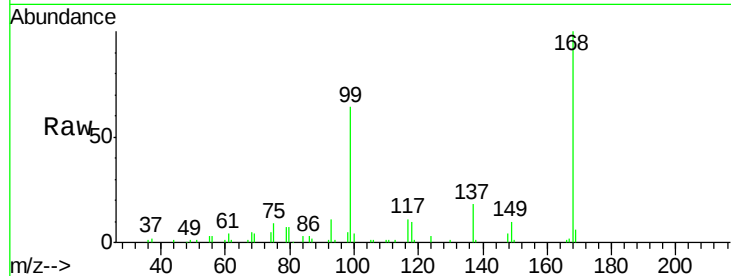




#36
 1,1-Dichloropropene
 Concen: 5.051 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061337.D
 Acq: 7 May 2020 16:29

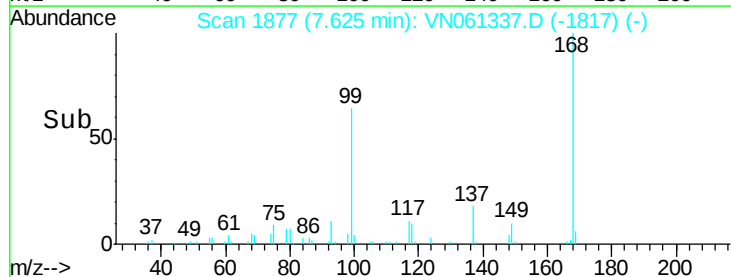
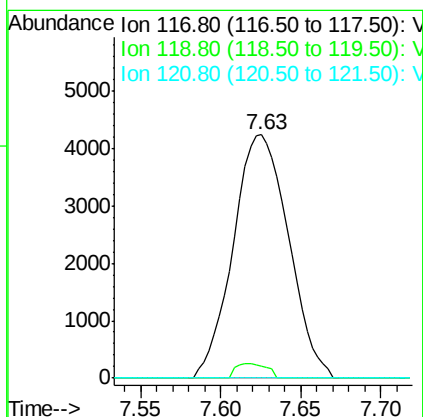
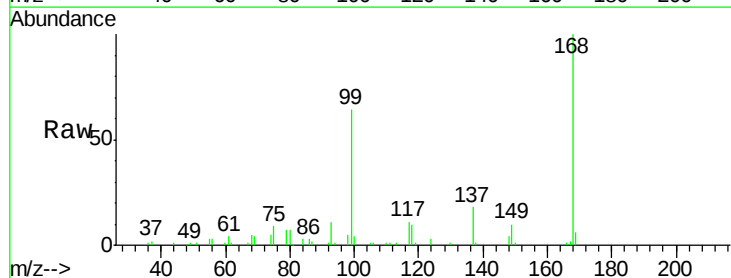
Instrument :
 MSVOA_N
 ClientSampleId :

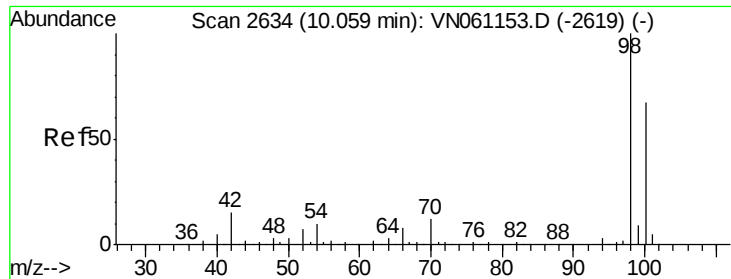
Tot Ion	75	Resp	8600
Ion Ratio	Lower	Upper	
75	100		
110	7.8	16.0	48.0#
77	0.0	24.6	37.0#



#38
 Carbon Tetrachloride
 Concen: 8.464 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061337.D
 Acq: 7 May 2020 16:29

Tgt Ion	117	Resp	10056
Ion Ratio	Lower	Upper	
117	100		
119	4.8	75.8	113.6#
121	0.0	24.7	37.1#





#50

Toluene-d8

Concen: 52.028 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061337.D

Acq: 7 May 2020 16:29

Instrument :

MSVOA_N

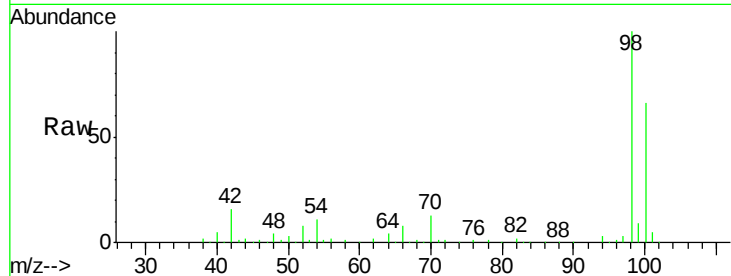
ClientSampleId :

Tot Ion: 98 Resp: 213319

Ion Ratio Lower Upper

98 100

100 65.3 53.4 80.0



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

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)

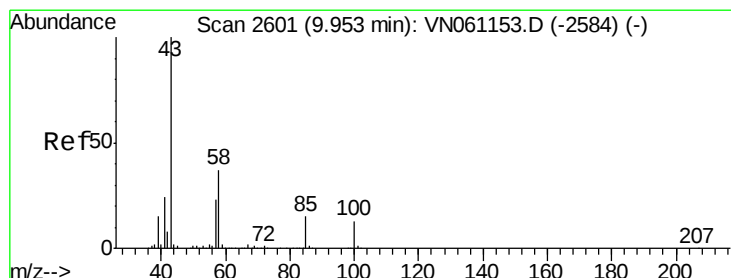
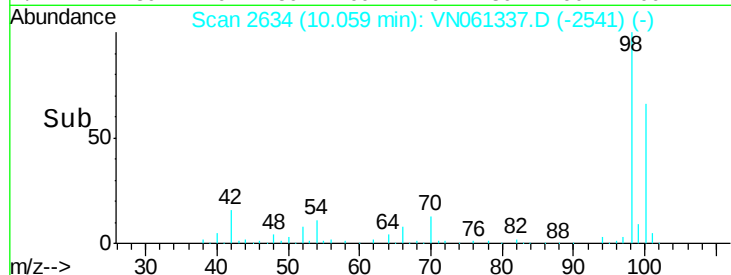
10.06

100000

50000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.623 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.11 min

Lab File: VN061337.D

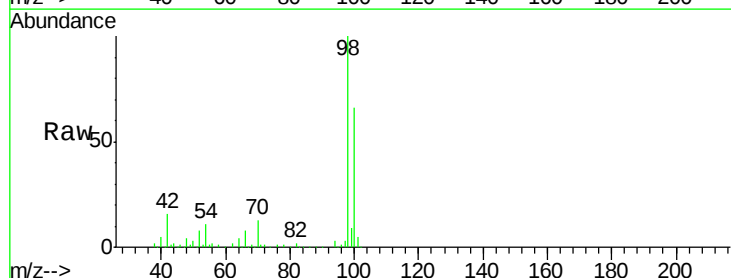
Acq: 7 May 2020 16:29

Tgt Ion: 43 Resp: 1214

Ion Ratio Lower Upper

43 100

58 172.2 29.1 43.7#



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

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

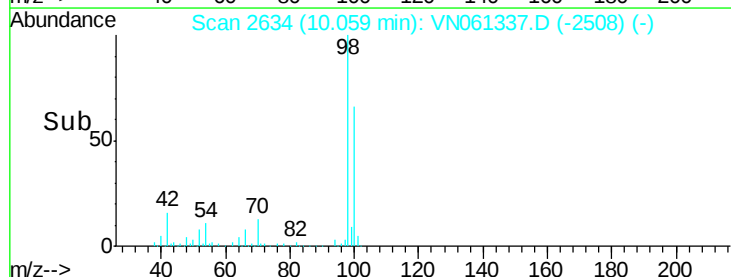
10.06

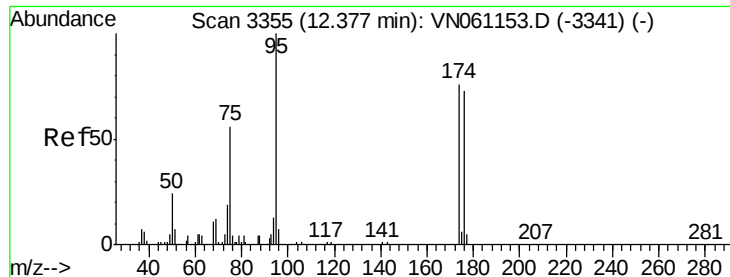
1000

500

0

Time-->





#62

4-Bromofluorobenzene

Concen: 49.877 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061337.D

Acq: 7 May 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

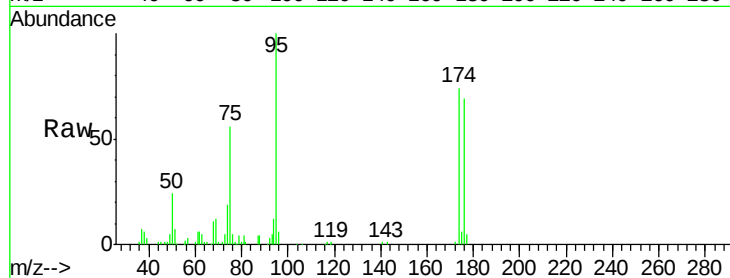
Tot Ion: 95 Resp: 76958

Ion Ratio Lower Upper

95 100

174 74.0 0.0 149.4

176 69.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061337.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061337.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061337.D (-3262) (-)

Time-->

12.38

60000

50000

40000

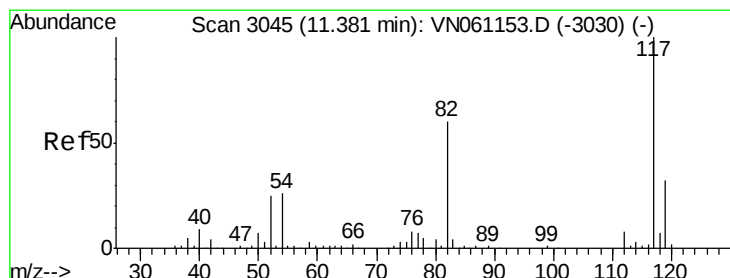
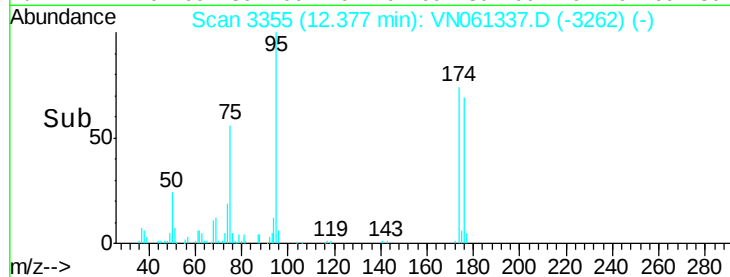
30000

20000

10000

0

12.30 12.35 12.40 12.45



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061337.D

Acq: 7 May 2020 16:29

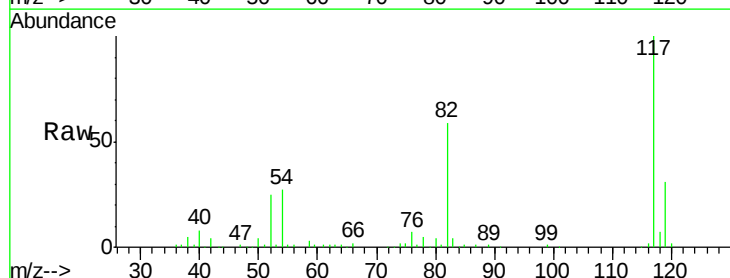
Tgt Ion: 117 Resp: 164674

Ion Ratio Lower Upper

117 100

82 58.7 47.8 71.8

119 30.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN061337.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061337.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061337.D (-2952) (-)

Time-->

11.38

120000

100000

80000

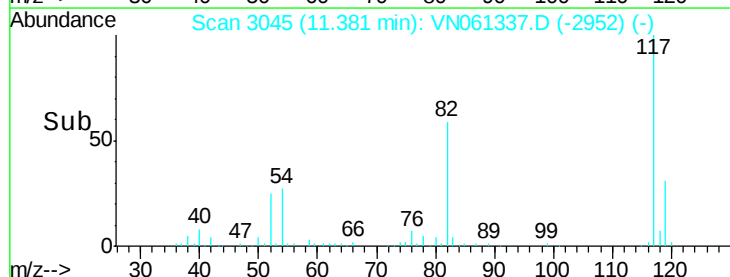
60000

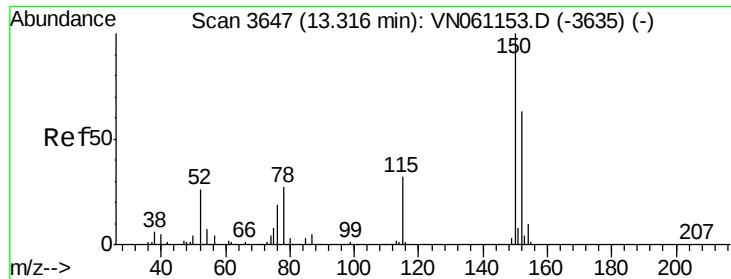
40000

20000

0

11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061337.D

Acq: 7 May 2020 16:29

Instrument :

MSVOA_N

ClientSampled :

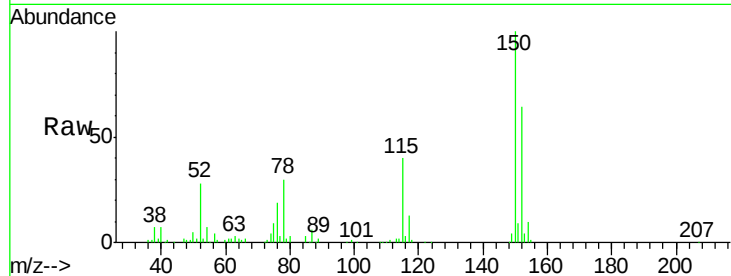
Tot Ion:152 Resp: 71518

Ion Ratio Lower Upper

152 100

115 62.5 31.0 93.0

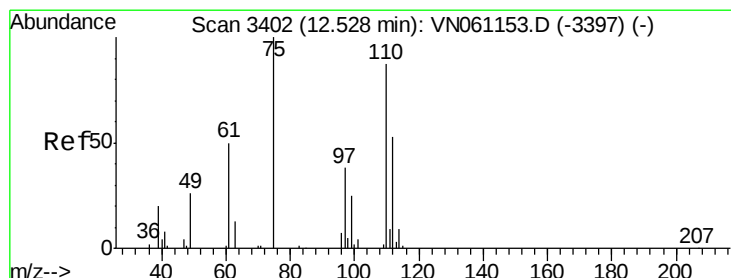
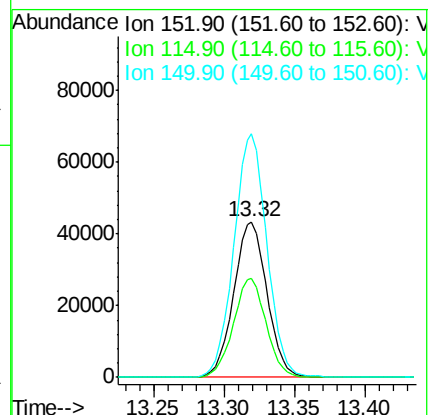
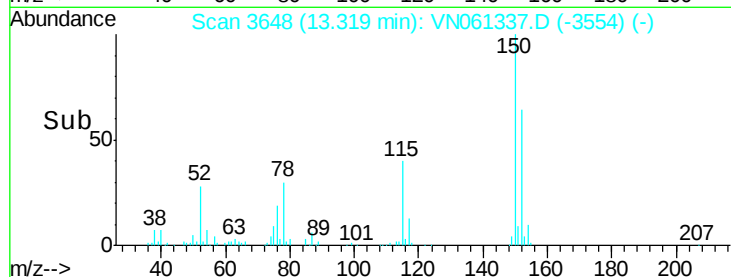
150 155.7 0.0 351.8



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: 28.606 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061337.D

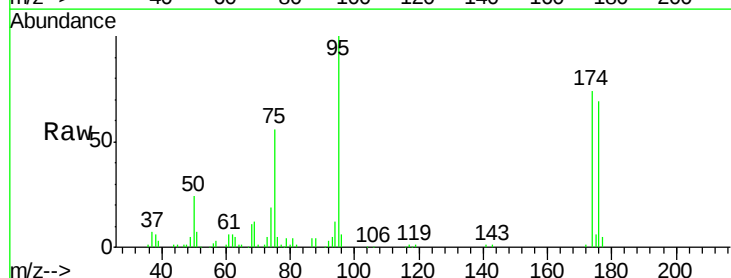
Acq: 7 May 2020 16:29

Tgt Ion: 75 Resp: 43132

Ion Ratio Lower Upper

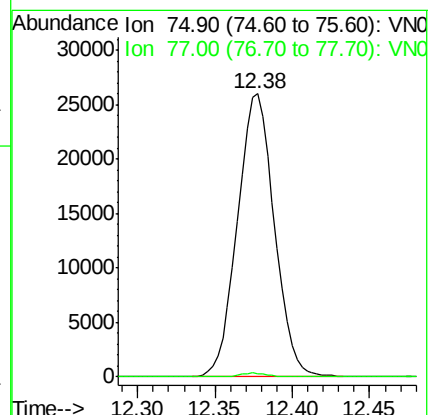
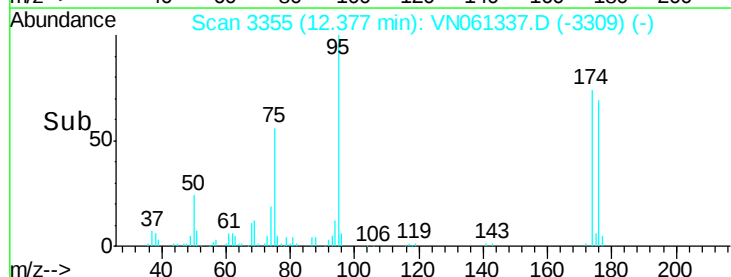
75 100

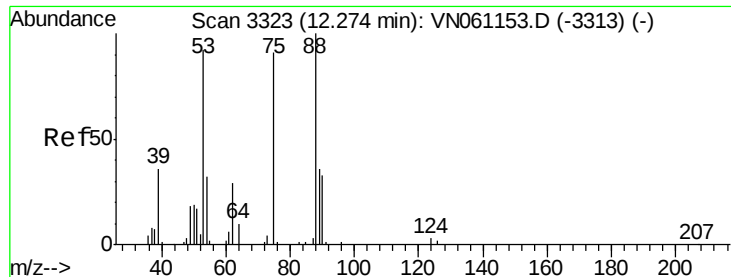
77 0.9 0.0 0.0#



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: 72.645 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061337.D

Acq: 7 May 2020 16:29

Instrument :

MSVOA_N

ClientSampleId :

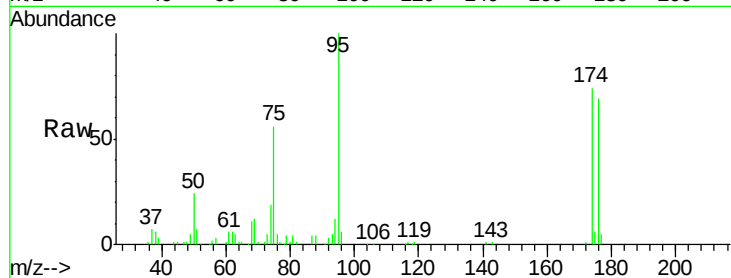
Tot Ion: 75 Resp: 43132

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): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0

