

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061381.D
 Acq On : 11 May 2020 11:29
 Operator : JC/MD
 Sample : VN0511WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 12 02:12:29 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	96751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175464	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	166416	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	67642	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	80460	52.56	ug/l	0.00
Spiked Amount						
				Recovery	=	105.12%
35) Dibromofluoromethane	7.55	113	51896	50.02	ug/l	0.00
Spiked Amount						
				Recovery	=	100.04%
50) Toluene-d8	10.06	98	217628	51.45	ug/l	0.00
Spiked Amount						
				Recovery	=	102.90%
62) 4-Bromofluorobenzene	12.38	95	76518	48.07	ug/l	0.00
Spiked Amount						
				Recovery	=	96.14%

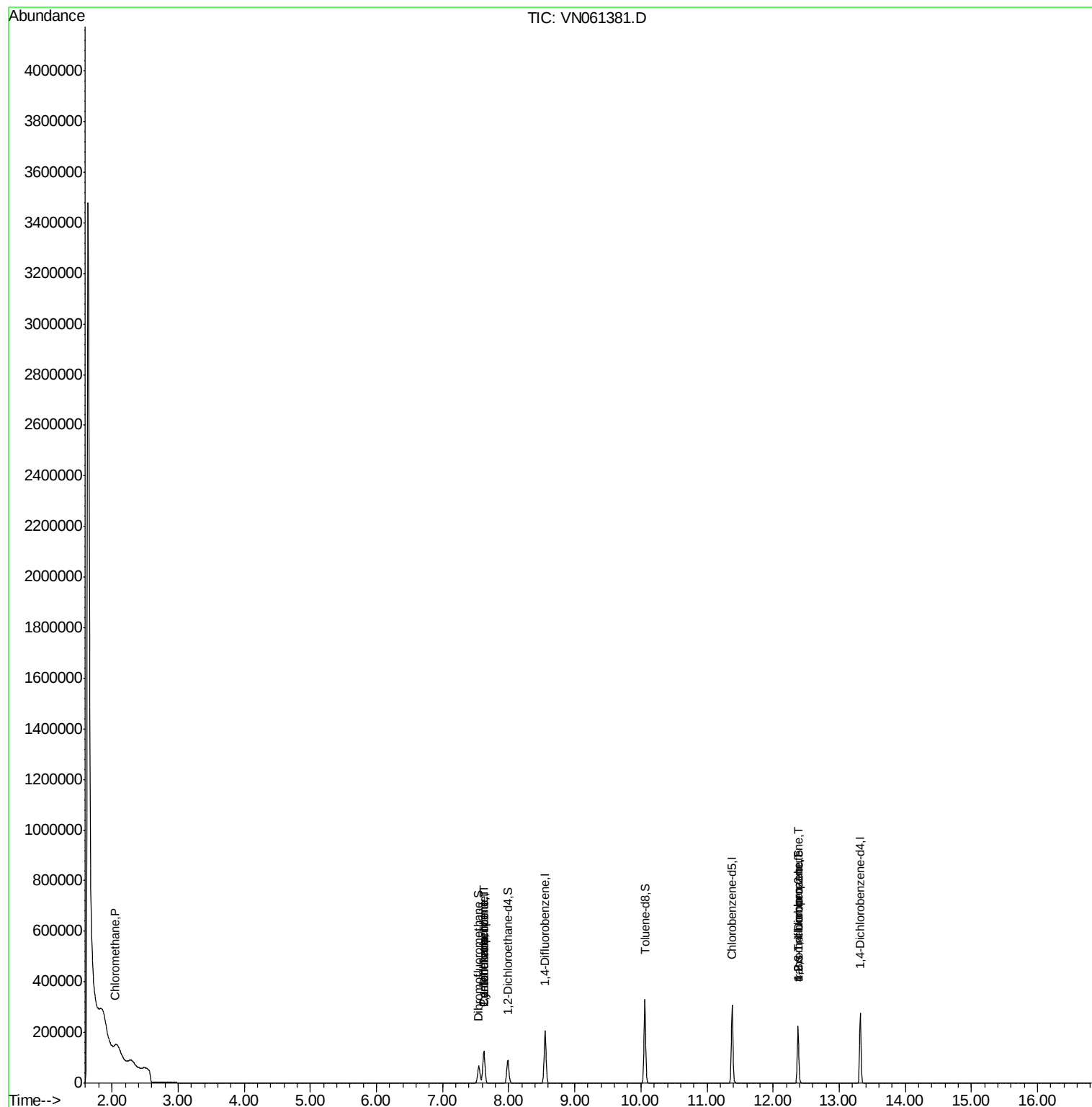
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	363	0.292	ug/l #	42
16) Acetone	3.79	43	1246	Below Cal	#	47
31) Cyclohexane	7.62	56	2407	1.081	ug/l #	8
36) 1,1-Dichloropropene	7.63	75	8649	4.924	ug/l #	49
38) Carbon Tetrachloride	7.63	117	9747	8.091	ug/l #	17
76) 1,2,3-Trichloropropane	12.38	75	42164	29.566	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	42164	75.083	ug/l #	8

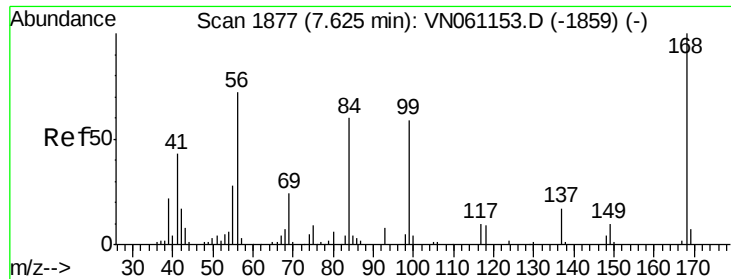
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. 0.00 min

Lab File: VN061381.D

Acq: 11 May 2020 11:29

Instrument :

MSVOA_N

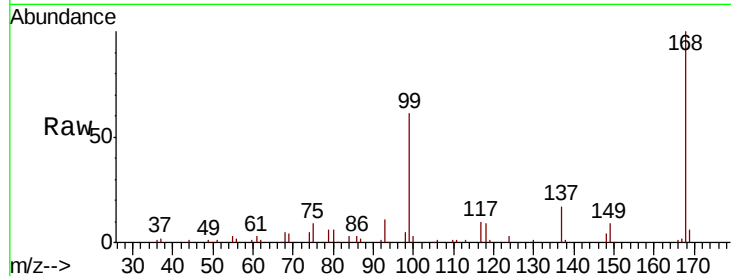
ClientSampleId :

Tot Ion:168 Resp: 96751

Ion Ratio Lower Upper

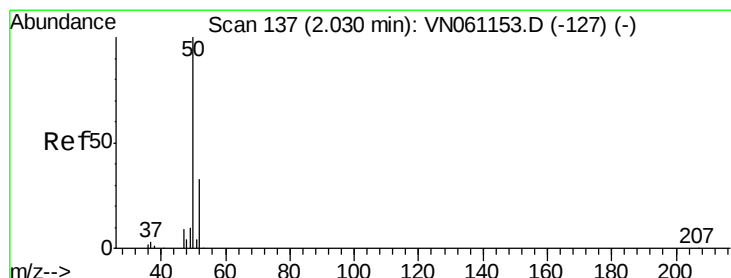
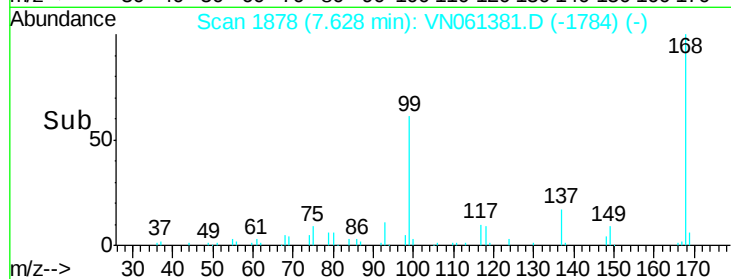
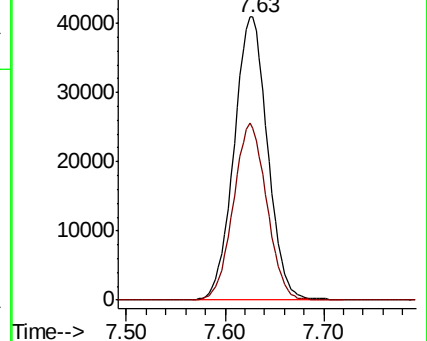
168 100

99 60.8 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.292 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061381.D

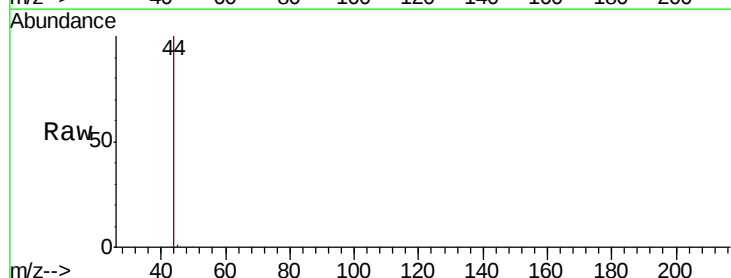
Acq: 11 May 2020 11:29

Tgt Ion: 50 Resp: 363

Ion Ratio Lower Upper

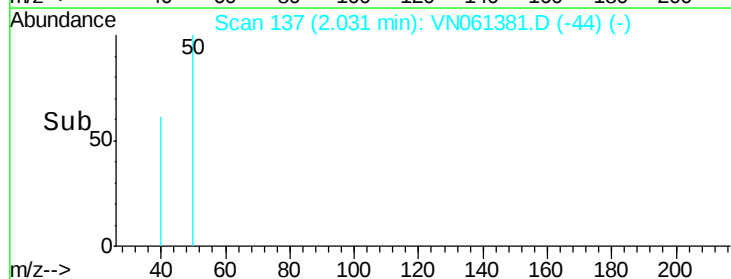
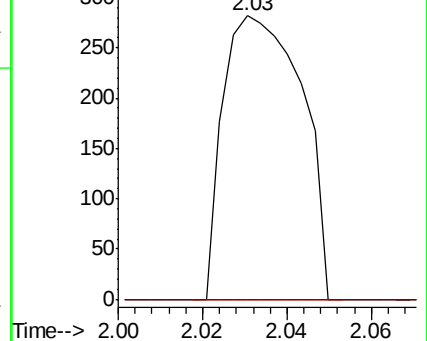
50 100

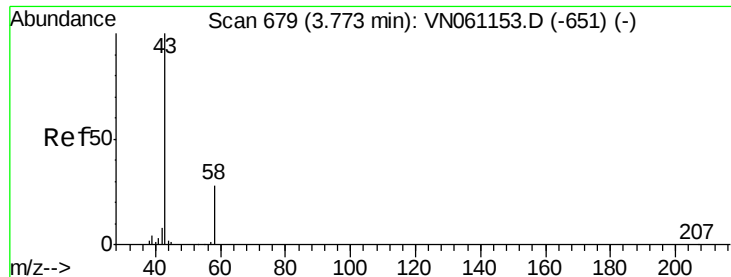
52 0.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO





#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 683

Delta R.T. 0.01 min

Lab File: VN061381.D

Acq: 11 May 2020 11:29

Instrument :

MSVOA_N

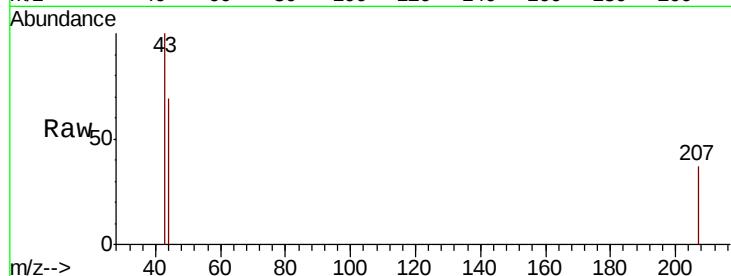
ClientSampleId :

Tot Ion: 43 Resp: 1246

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) (-)

3.79

600

500

400

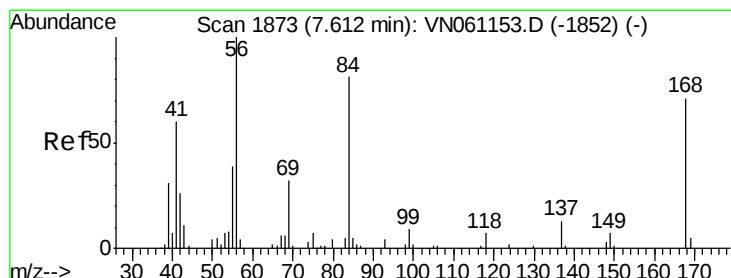
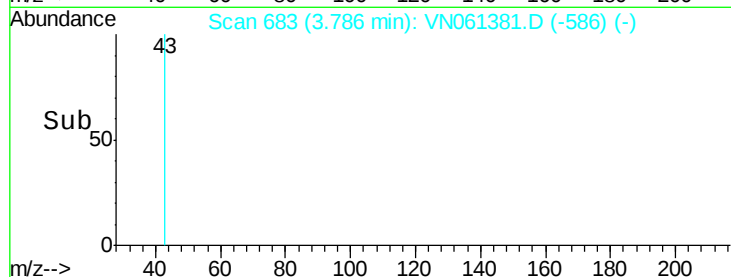
300

200

100

0

Time-->



#31

Cyclohexane

Concen: 1.081 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. 0.01 min

Lab File: VN061381.D

Acq: 11 May 2020 11:29

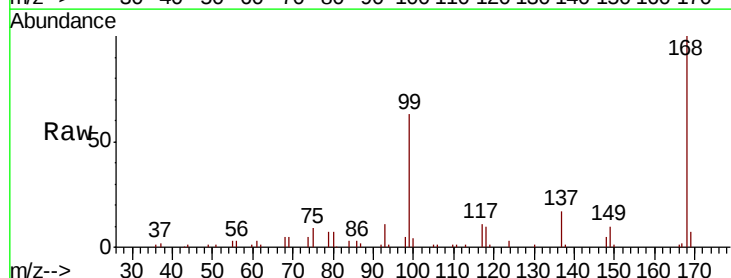
Tgt Ion: 56 Resp: 2407

Ion Ratio Lower Upper

56 100

69 165.2 25.7 38.5#

84 110.9 64.6 97.0#



Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-1852) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-1852) (-)

Ion 84.00 (83.70 to 84.70): VN061153.D (-1852) (-)

2500

2000

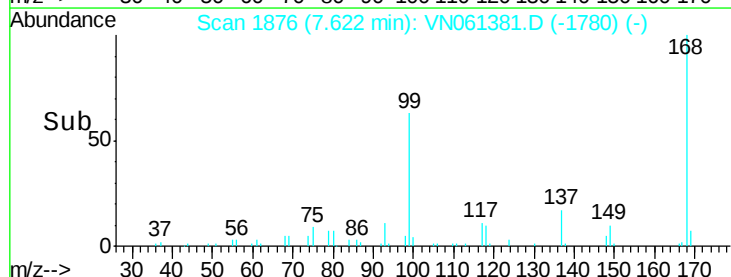
1500

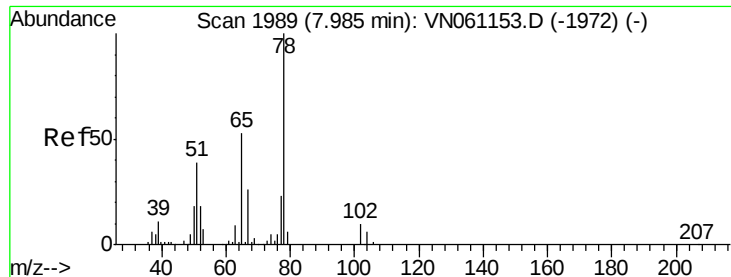
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.557 ug/l

RT: 7.99 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN061381.D

Acq: 11 May 2020 11:29

Instrument :

MSVOA_N

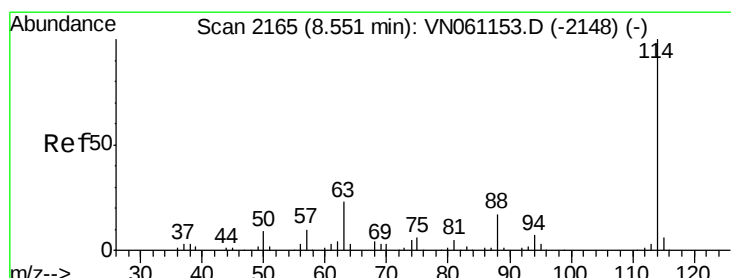
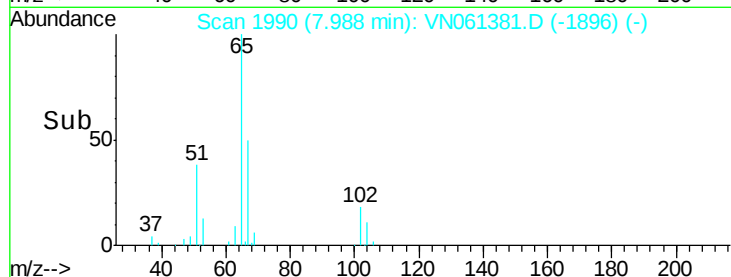
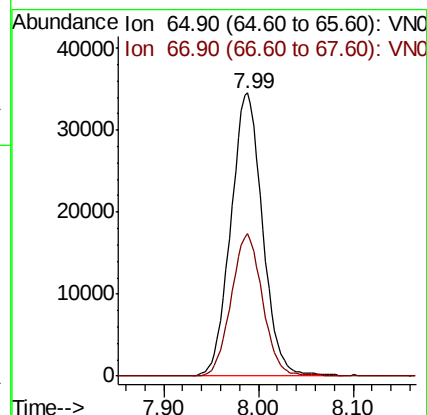
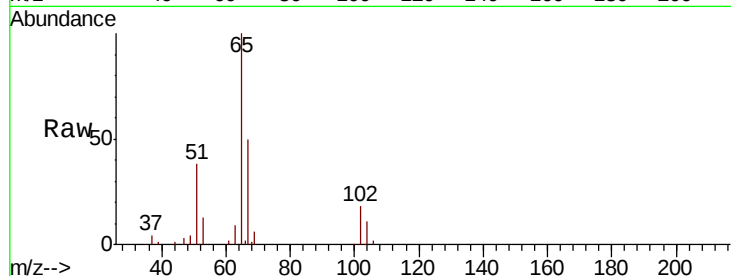
ClientSampleId :

Tot Ion: 65 Resp: 80460

Ion Ratio Lower Upper

65 100

67 49.7 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VN061381.D

Acq: 11 May 2020 11:29

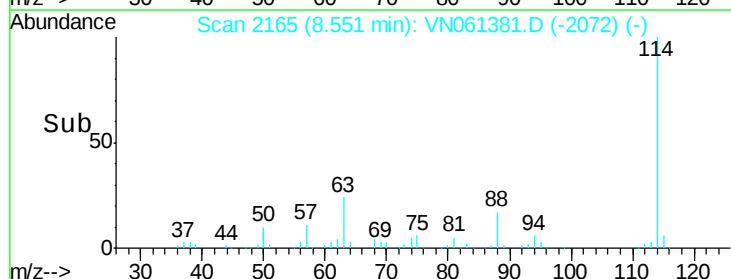
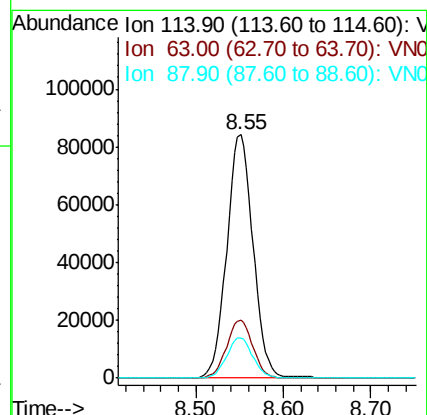
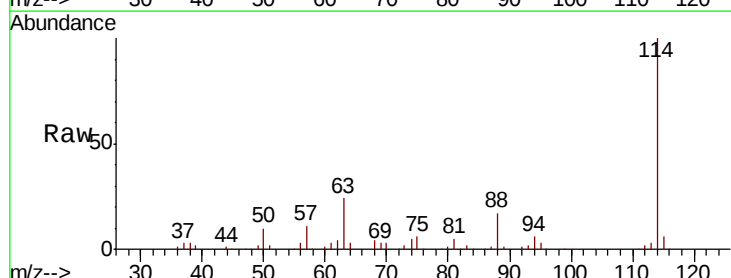
Tgt Ion: 114 Resp: 175464

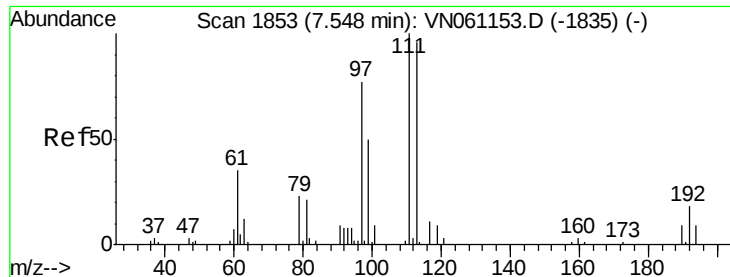
Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.6

88 16.7 0.0 33.4

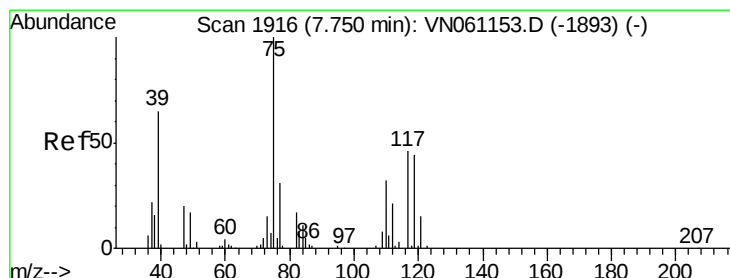
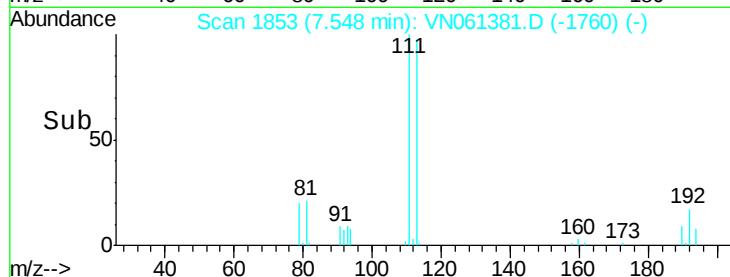
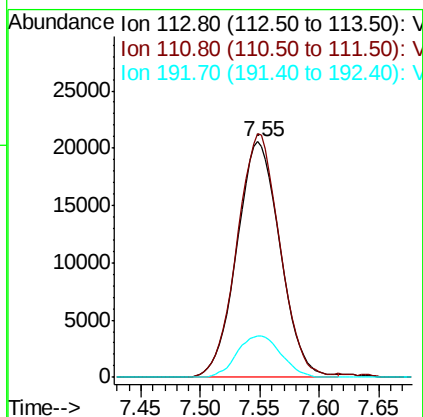
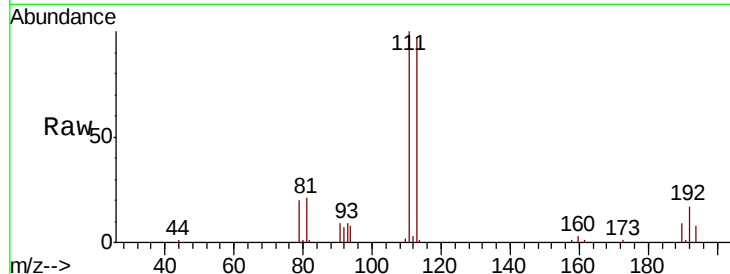




#35
 Dibromofluoromethane
 Concen: 50.017 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061381.D
 Acq: 11 May 2020 11:29

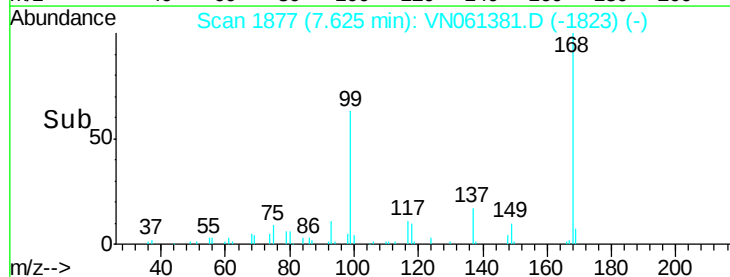
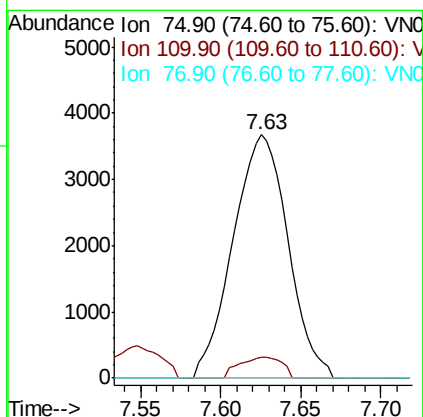
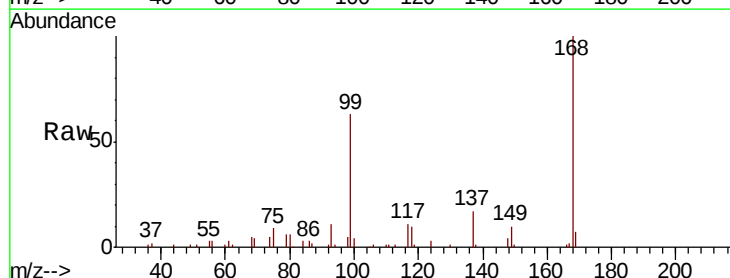
Instrument :
 MSVOA_N
 ClientSampleId :

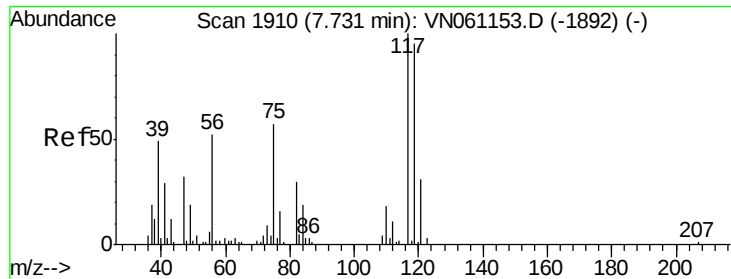
Tot Ion:113 Resp: 51896
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.9 124.3
 192 17.9 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 4.924 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061381.D
 Acq: 11 May 2020 11:29

Tgt Ion: 75 Resp: 8649
 Ion Ratio Lower Upper
 75 100
 110 6.6 16.0 48.0#
 77 0.0 24.6 37.0#

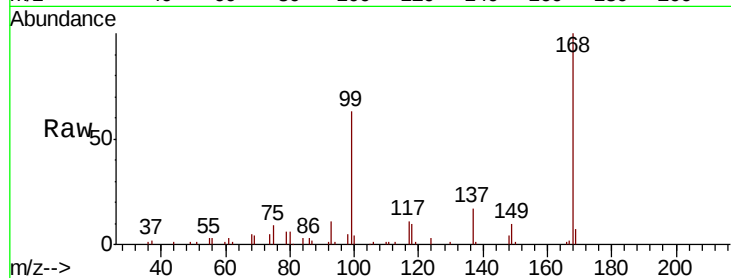




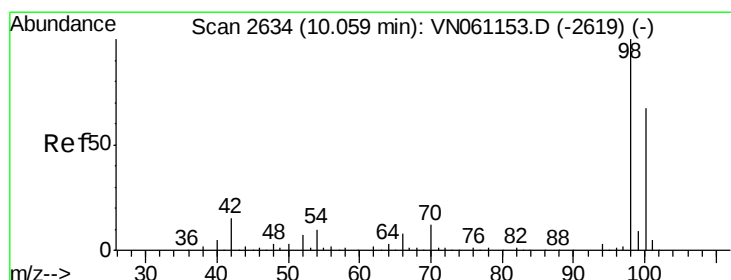
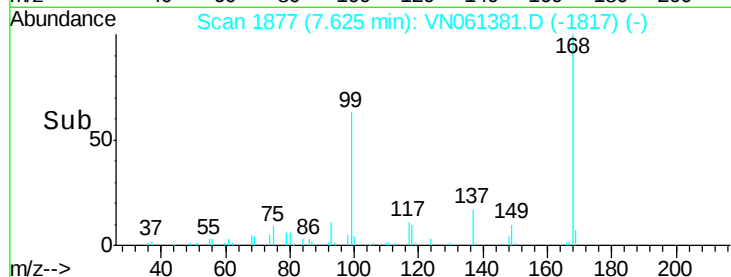
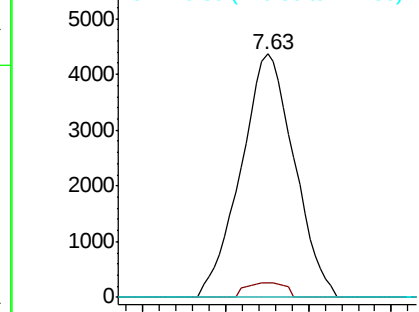
#38
Carbon Tetrachloride
Concen: 8.091 ug/l
RT: 7.63 min Scan# 1877
Delta R.T. -0.11 min
Lab File: VN061381.D
Acq: 11 May 2020 11:29

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 9747
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.6#
121 0.0 24.7 37.1#

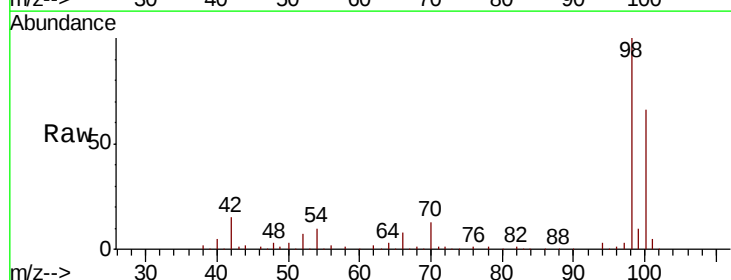


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

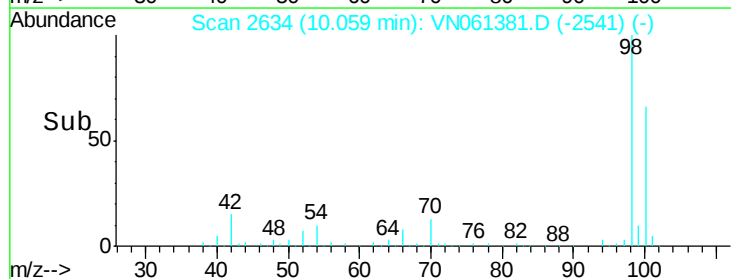
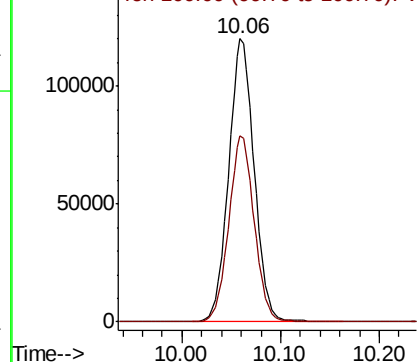


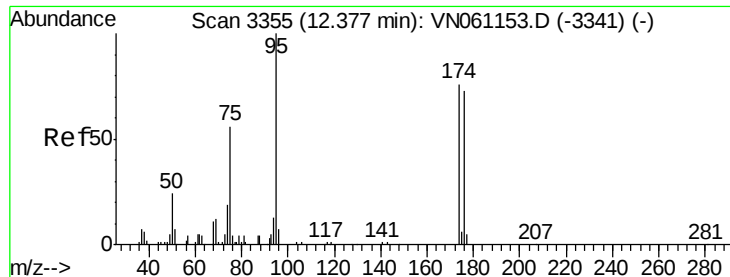
#50
Toluene-d8
Concen: 51.453 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061381.D
Acq: 11 May 2020 11:29

Tgt Ion: 98 Resp: 217628
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



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





#62

4-Bromofluorobenzene

Concen: 48.074 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061381.D

Acq: 11 May 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

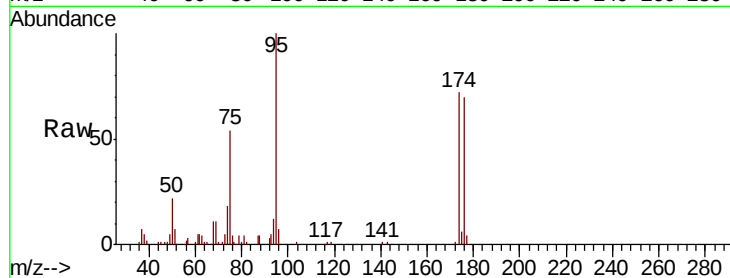
Tot Ion: 95 Resp: 76518

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.4

176 70.4 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061381.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061381.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061381.D (-3262) (-)

Time-->

12.38

60000

50000

40000

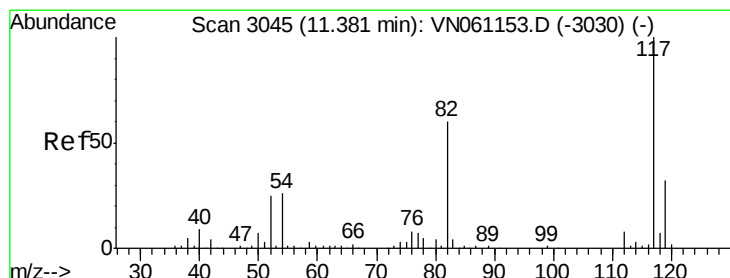
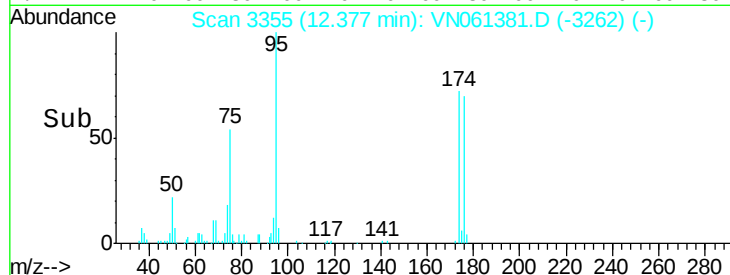
30000

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: VN061381.D

Acq: 11 May 2020 11:29

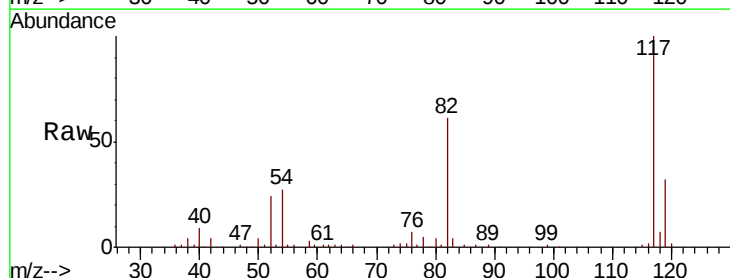
Tgt Ion: 117 Resp: 166416

Ion Ratio Lower Upper

117 100

82 61.2 47.8 71.8

119 32.3 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): VN061381.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061381.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061381.D (-2952) (-)

Time-->

11.38

120000

100000

80000

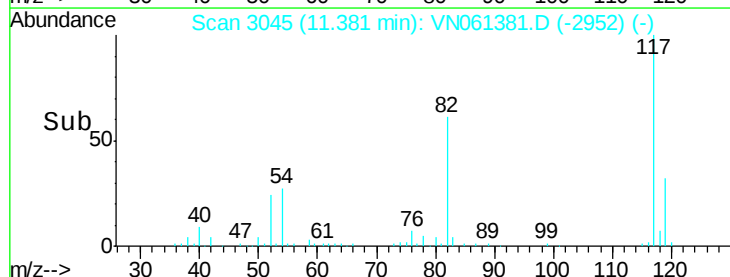
60000

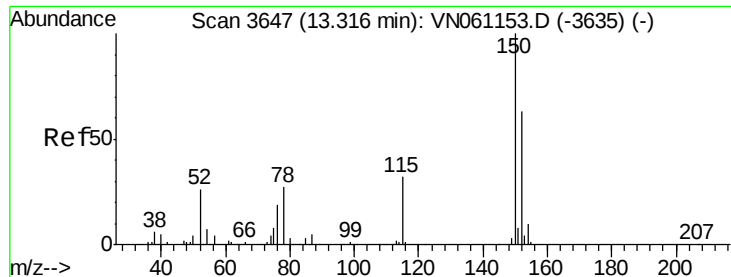
40000

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: VN061381.D

Acq: 11 May 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

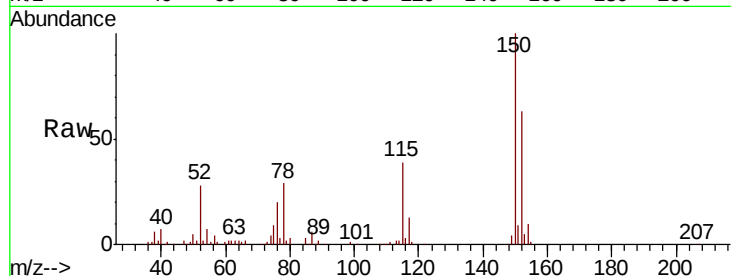
Tot Ion:152 Resp: 67642

Ion Ratio Lower Upper

152 100

115 61.5 31.0 93.0

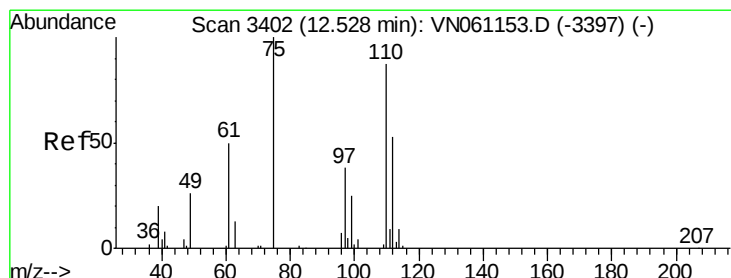
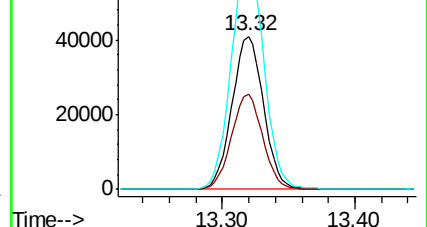
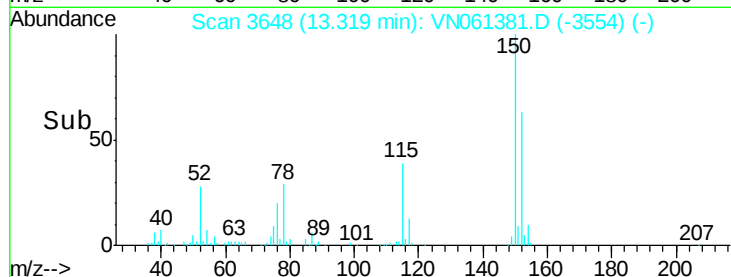
150 158.3 0.0 351.8



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: 29.566 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061381.D

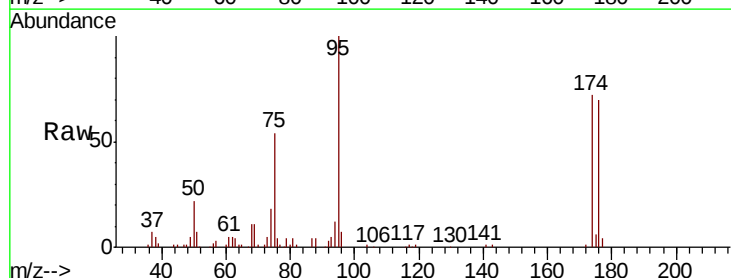
Acq: 11 May 2020 11:29

Tgt Ion: 75 Resp: 42164

Ion Ratio Lower Upper

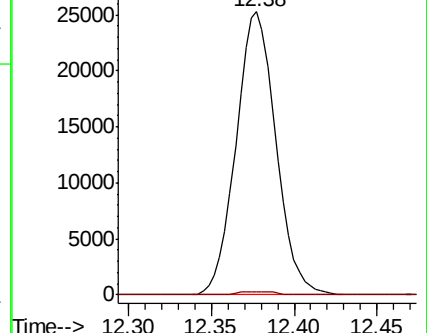
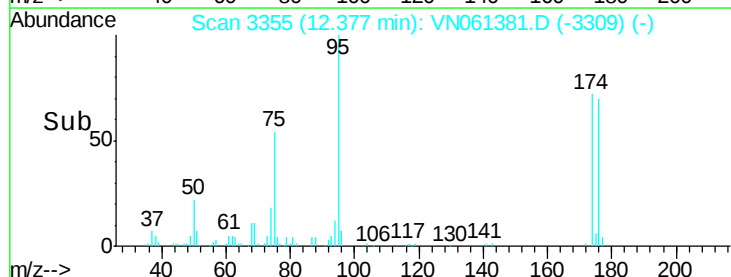
75 100

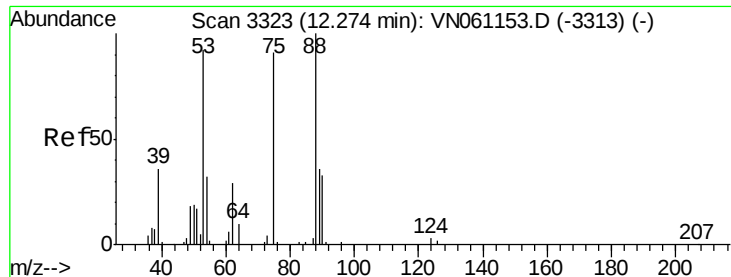
77 1.1 0.0 0.0#



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: 75.083 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061381.D

Acq: 11 May 2020 11:29

Instrument :

MSVOA_N

ClientSampleId :

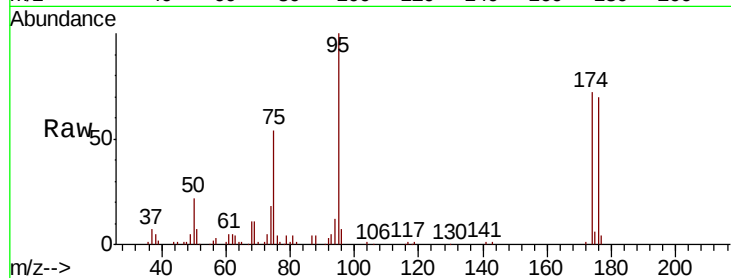
Tot Ion: 75 Resp: 42164

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

