

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061235.D
 Acq On : 1 May 2020 17:04
 Operator : JC/MD
 Sample : L2456-03 50X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 200

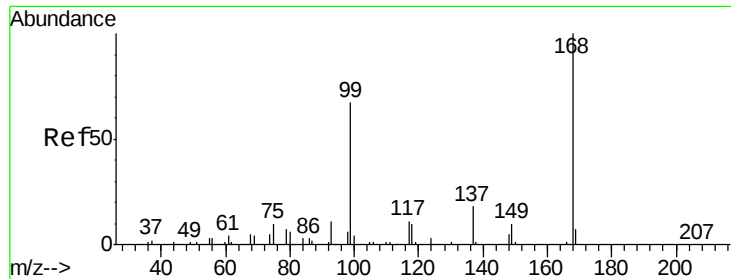
Quant Time: May 04 00:55:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	112692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	201973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	194760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	85619	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	88598	49.69	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.38%	
35) Dibromofluoromethane	7.55	113	60094	50.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.64%	
50) Toluene-d8	10.06	98	253582	52.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.38	95	92560	50.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	11264	11.053	ug/l	98
18) Methyl Acetate	4.05	43	30	0.692	ug/l #	55
31) Cyclohexane	7.62	56	2786	1.074	ug/l #	1
36) 1,1-Dichloropropene	7.63	75	9986	4.939	ug/l #	50
38) Carbon Tetrachloride	7.63	117	11865	8.424	ug/l #	16
51) 4-Methyl-2-Pentanone	10.06	43	1333	0.576	ug/l #	1
71) Bromoform	12.38	173	339	0.334	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	49824	27.602	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	49824	70.095	ug/l #	8

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

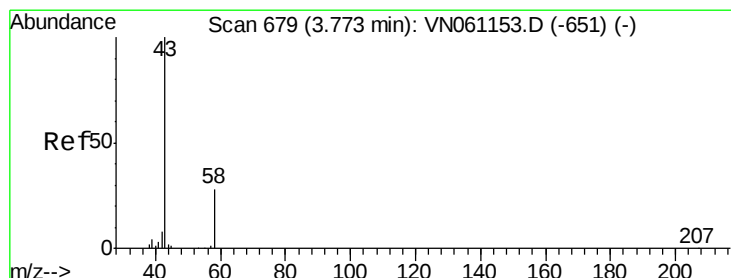
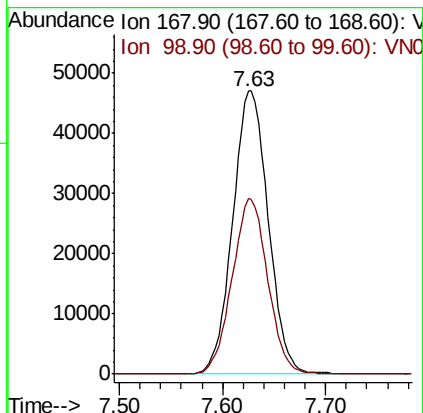
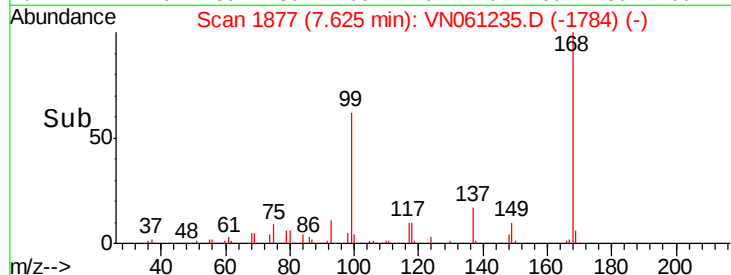
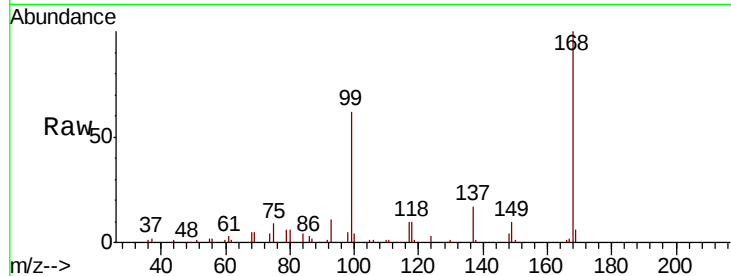


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VN061235.D
 Acq: 1 May 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 200

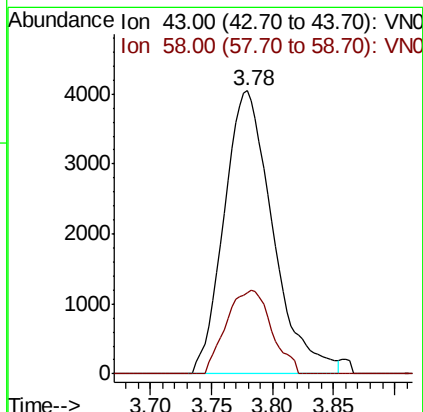
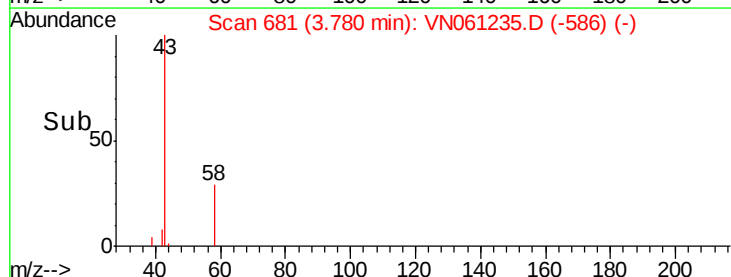
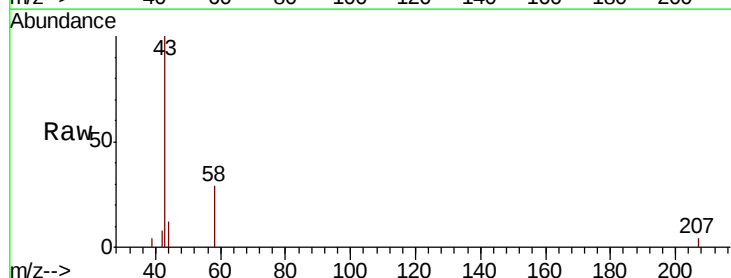
Tot Ion:168 Resp: 112692
 Ion Ratio Lower Upper
 168 100
 99 62.1 51.2 76.8

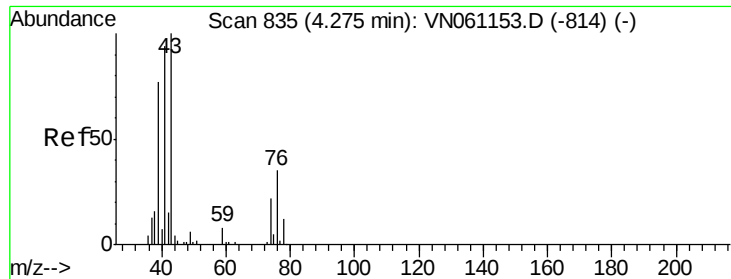


#16

Acetone
 Concen: 11.053 ug/l
 RT: 3.78 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: VN061235.D
 Acq: 1 May 2020 17:04

Tgt Ion: 43 Resp: 11264
 Ion Ratio Lower Upper
 43 100
 58 28.7 22.2 33.2

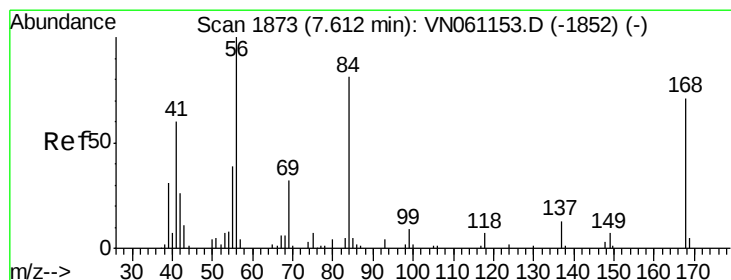
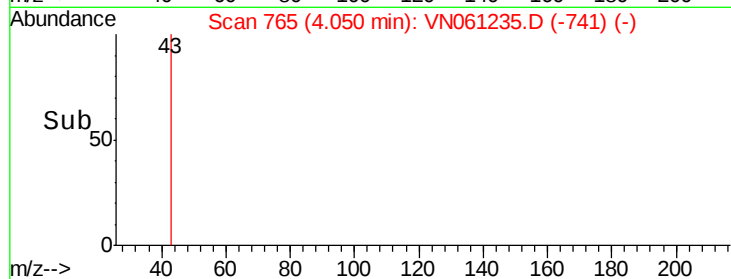
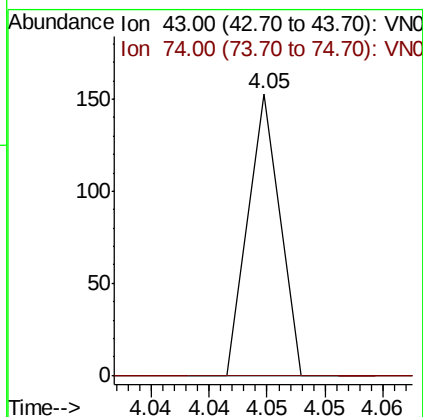
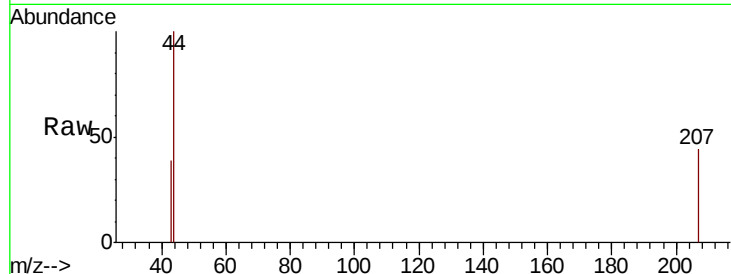




#18
Methvl Acetate
Concen: 0.692 ug/l
RT: 4.05 min Scan# 765
Delta R.T. -0.22 min
Lab File: VN061235.D
Acq: 1 May 2020 17:04

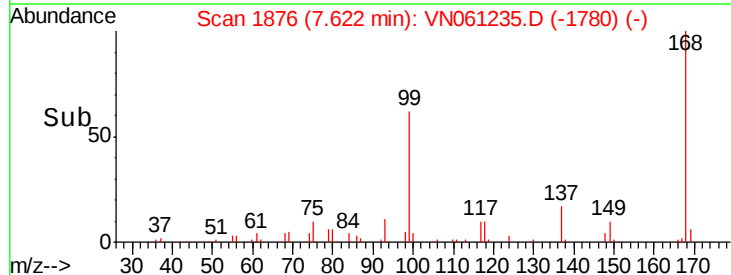
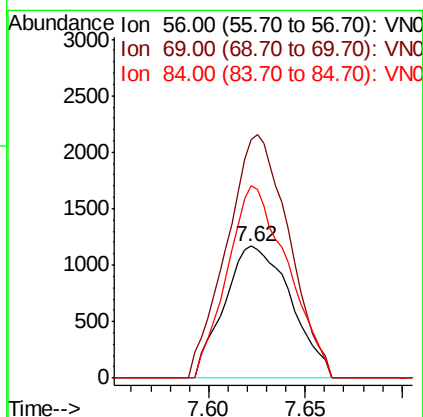
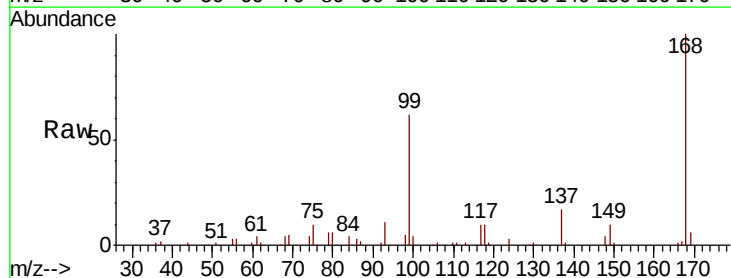
Instrument :
MSVOA_N
ClientSampleId :
200

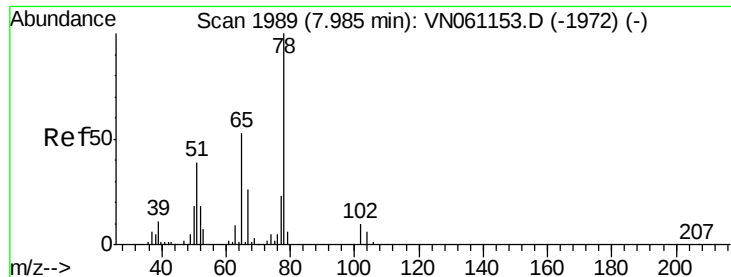
Tot Ion: 43 Resp: 30
Ion Ratio Lower Upper
43 100
74 0.0 17.0 25.4#



#31
Cyclohexane
Concen: 1.074 ug/l
RT: 7.62 min Scan# 1876
Delta R.T. 0.01 min
Lab File: VN061235.D
Acq: 1 May 2020 17:04

Tgt Ion: 56 Resp: 2786
Ion Ratio Lower Upper
56 100
69 181.0 25.7 38.5#
84 146.0 64.6 97.0#

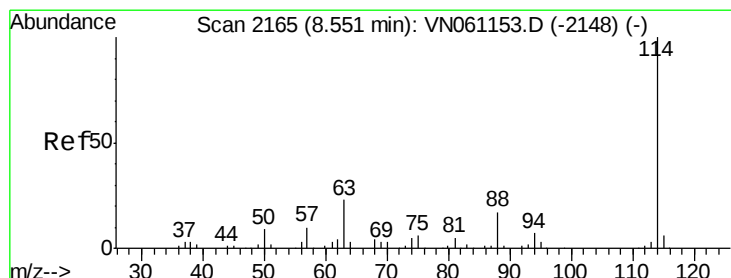
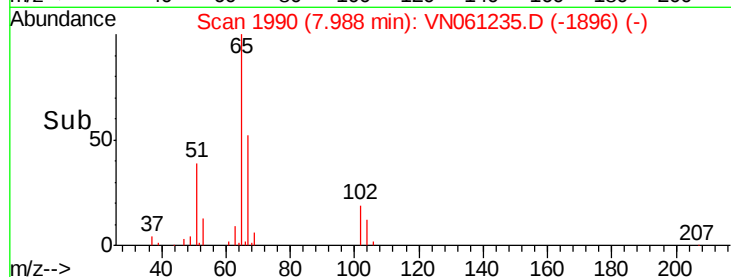
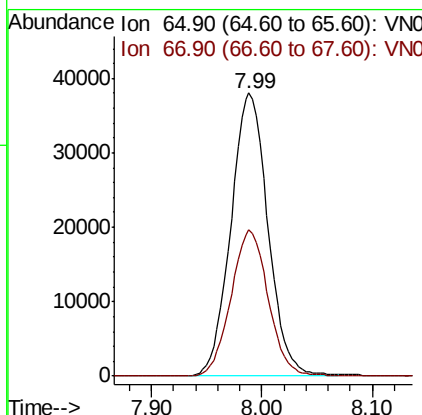
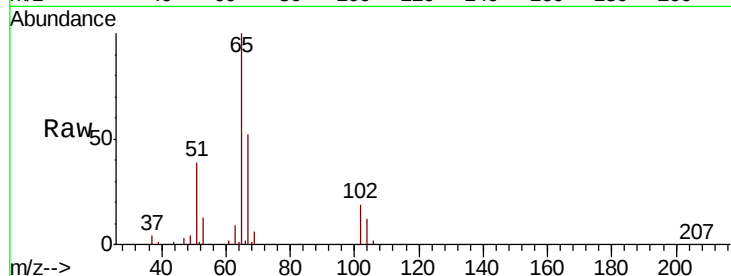




#33
 1,2-Dichloroethane-d4
 Concen: 49.687 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061235.D
 Acq: 1 May 2020 17:04

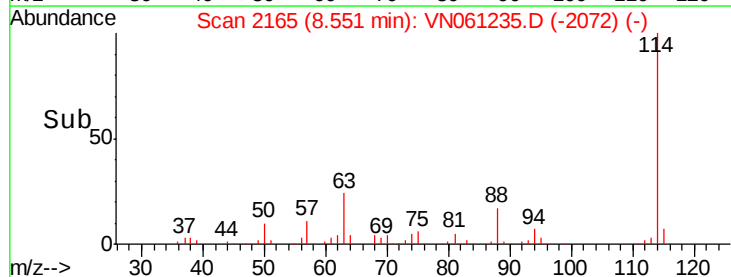
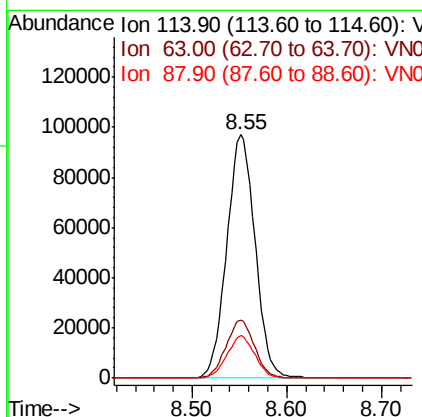
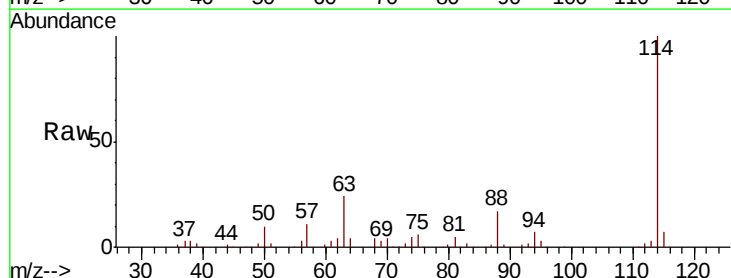
Instrument :
 MSVOA_N
 ClientSampleId :
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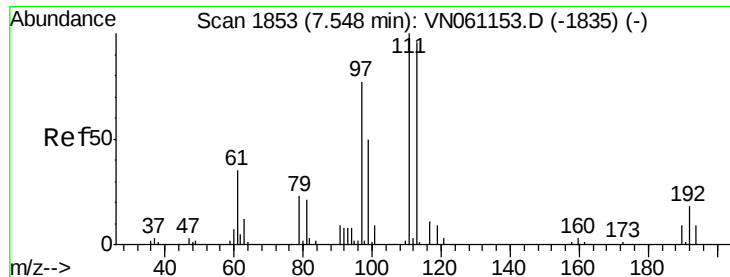
Tot Ion: 65 Resp: 88598
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061235.D
 Acq: 1 May 2020 17:04

Tgt Ion: 114 Resp: 201973
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 46.6
 88 17.4 0.0 33.4

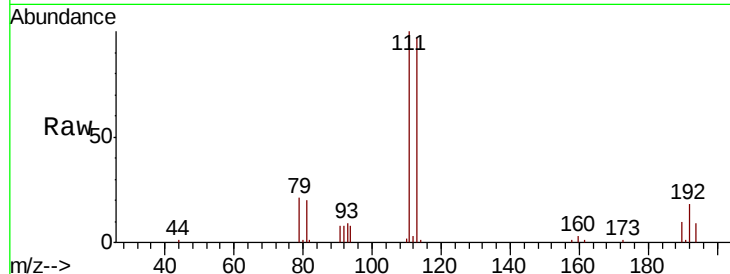




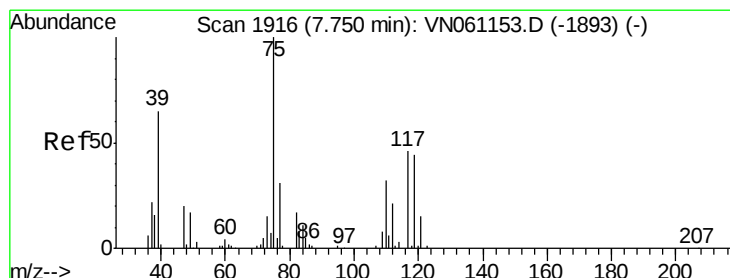
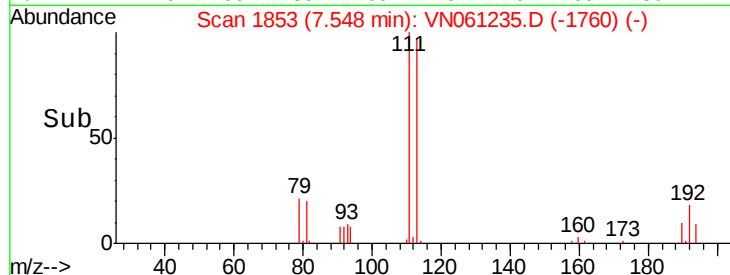
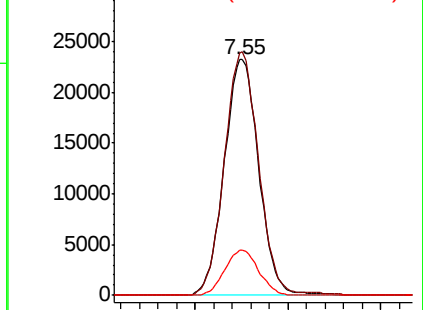
#35
 Dibromofluoromethane
 Concen: 50.317 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061235.D
 Acq: 1 May 2020 17:04

Instrument :
 MSVOA_N
 ClientSampleId :
 200

Tot Ion:113 Resp: 60094
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.9 124.3
 192 18.7 14.7 22.1

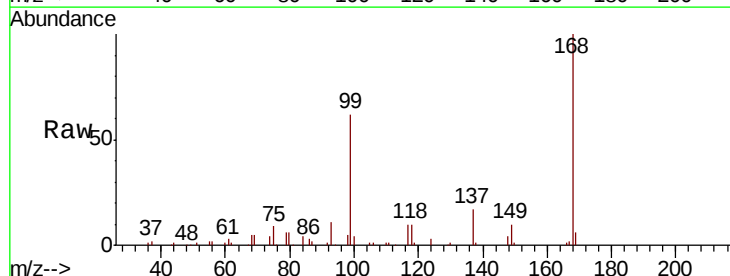


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

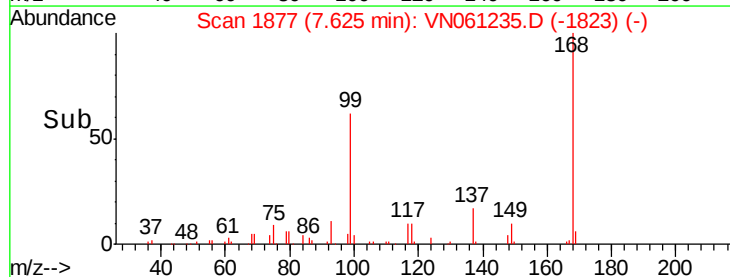
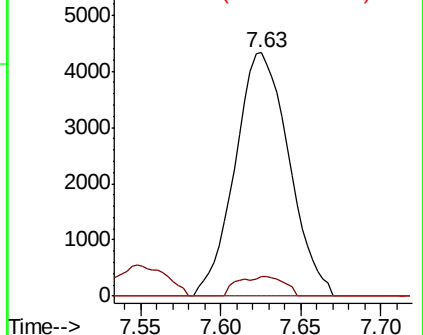


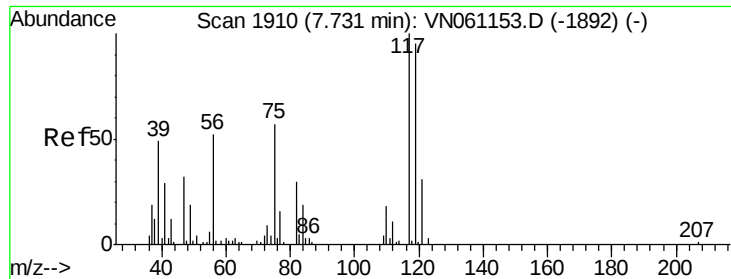
#36
 1,1-Dichloropropene
 Concen: 4.939 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.13 min
 Lab File: VN061235.D
 Acq: 1 May 2020 17:04

Tgt Ion: 75 Resp: 9986
 Ion Ratio Lower Upper
 75 100
 110 6.9 16.0 48.0#
 77 0.0 24.6 37.0#



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





#38

Carbon Tetrachloride

Concen: 8.424 ug/l

RT: 7.63 min Scan# 1878

Delta R.T. -0.10 min

Lab File: VN061235.D

Acq: 1 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

200

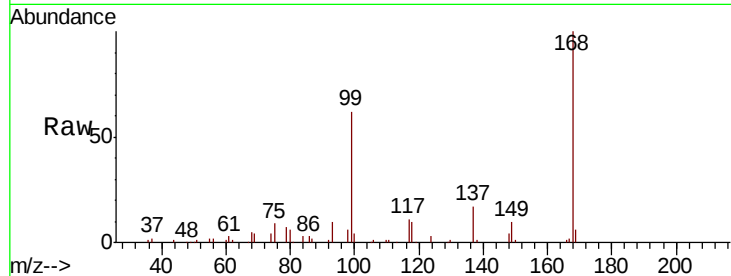
Tot Ion:117 Resp: 11865

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.6#

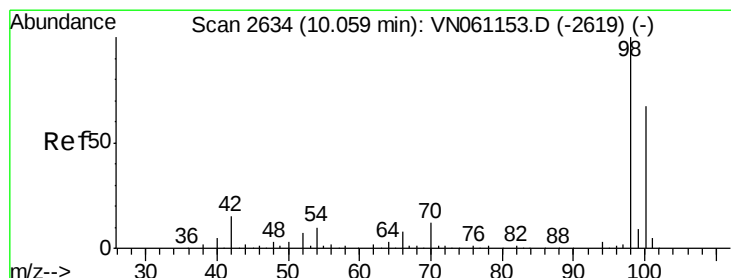
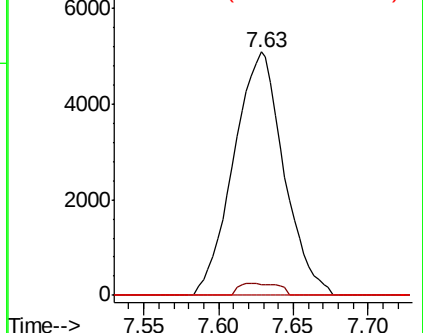
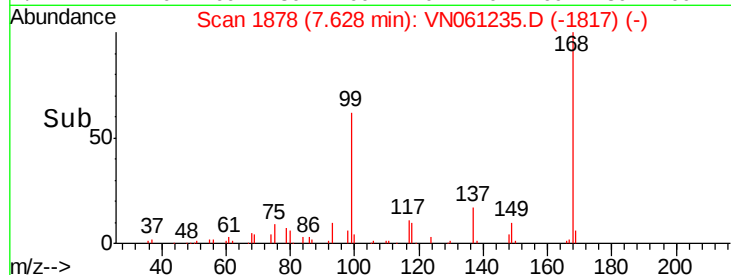
121 0.0 24.7 37.1#



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: 52.085 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.00 min

Lab File: VN061235.D

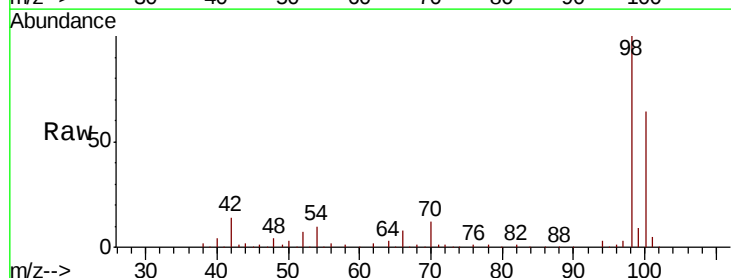
Acq: 1 May 2020 17:04

Tgt Ion: 98 Resp: 253582

Ion Ratio Lower Upper

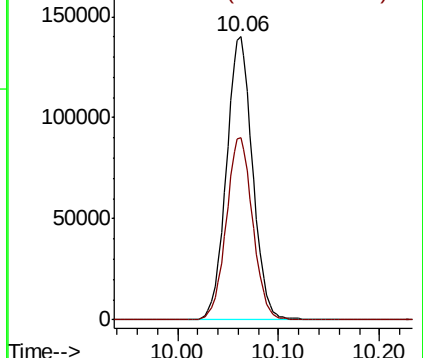
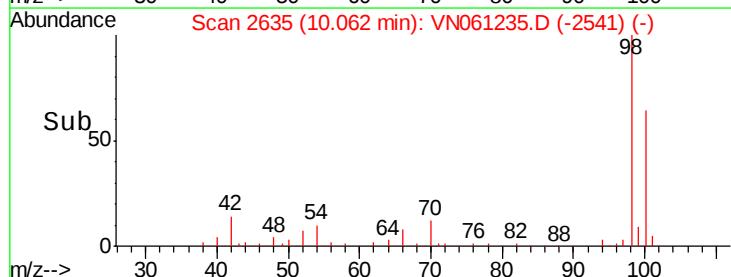
98 100

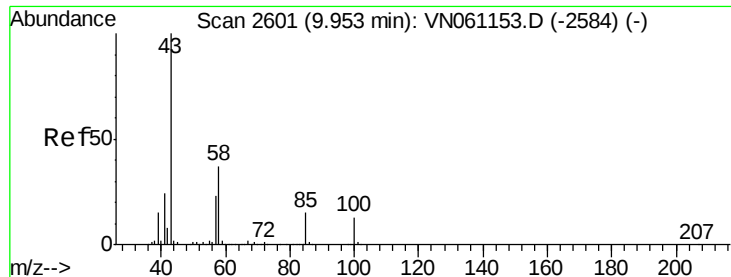
100 65.1 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.576 ug/l

RT: 10.06 min Scan# 2635

Delta R.T. 0.11 min

Lab File: VN061235.D

Acq: 1 May 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

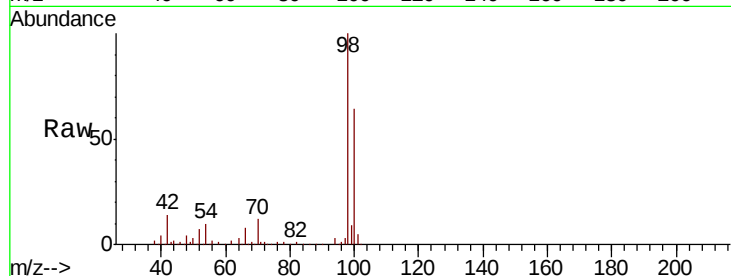
200

Tot Ion: 43 Resp: 1333

Ion Ratio Lower Upper

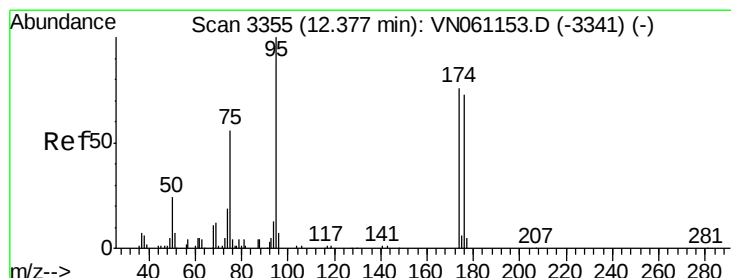
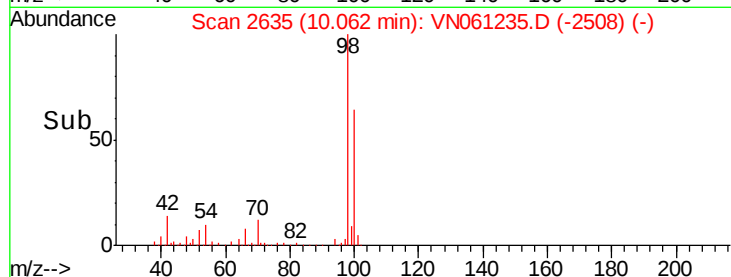
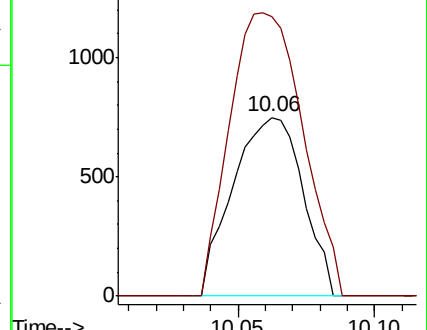
43 100

58 165.5 29.1 43.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 50.520 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061235.D

Acq: 1 May 2020 17:04

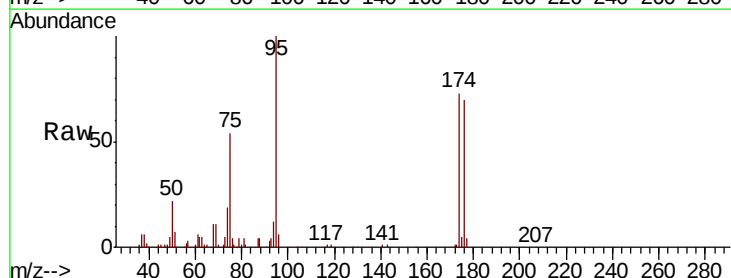
Tgt Ion: 95 Resp: 92560

Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.4

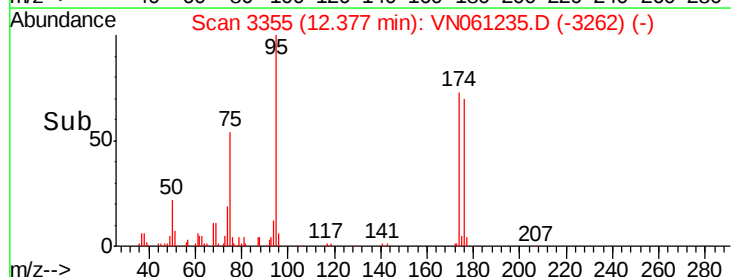
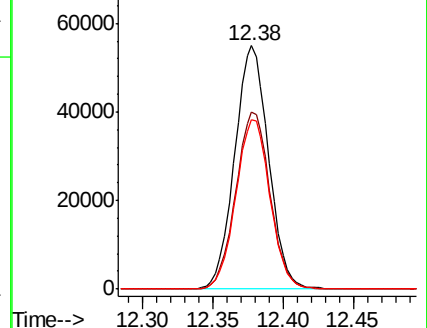
176 70.2 0.0 144.8

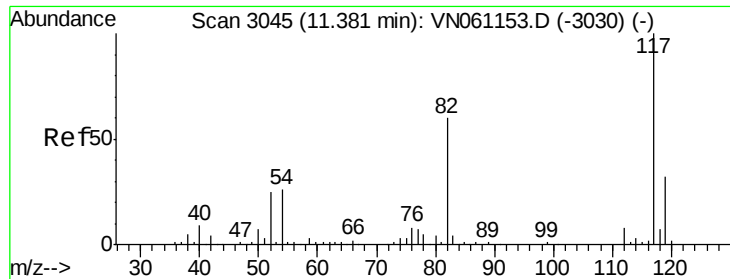


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061235.D

Acq: 1 May 2020 17:04

Instrument :

MSVOA_N

ClientSampled :

200

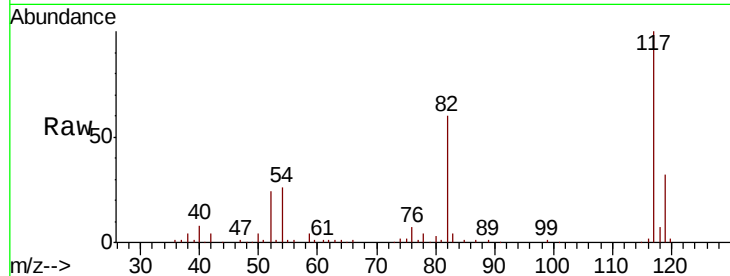
Tot Ion:117 Resp: 194760

Ion Ratio Lower Upper

117 100

82 59.8 47.8 71.8

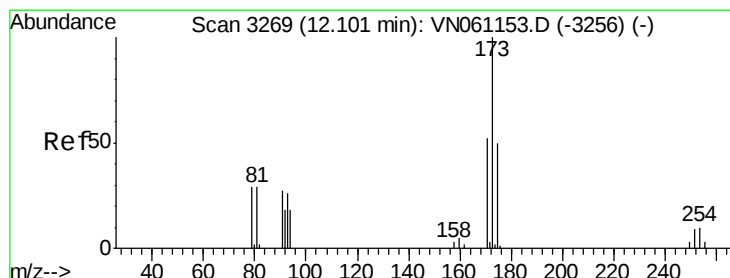
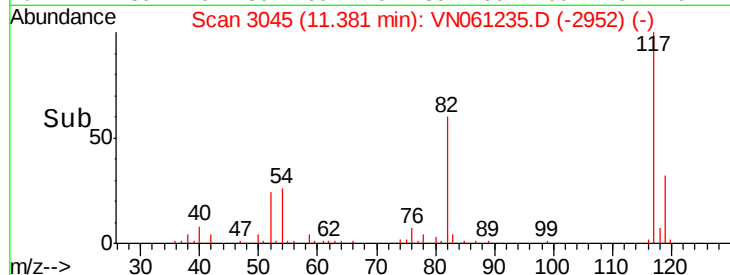
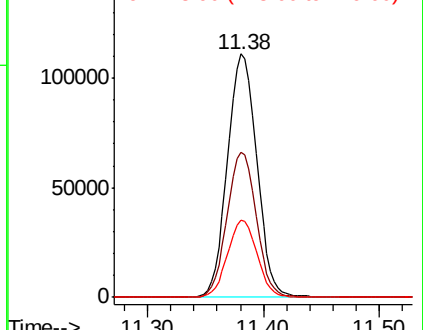
119 31.8 25.8 38.6



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



#71

Bromoform

Concen: 0.334 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.28 min

Lab File: VN061235.D

Acq: 1 May 2020 17:04

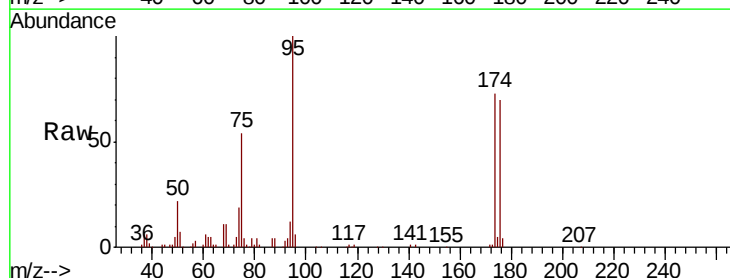
Tgt Ion:173 Resp: 339

Ion Ratio Lower Upper

173 100

175 1226.0 24.1 72.4#

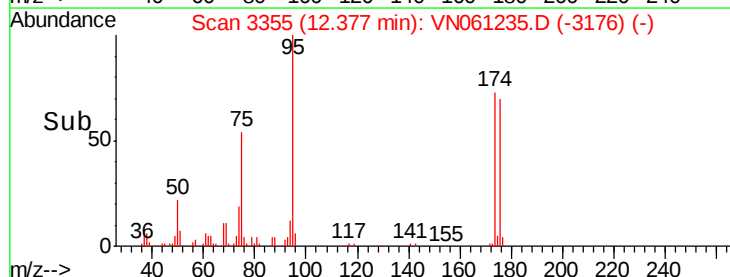
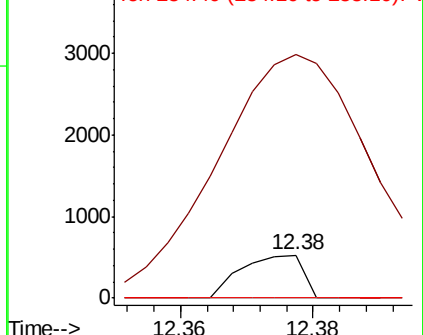
254 0.0 0.0 0.0

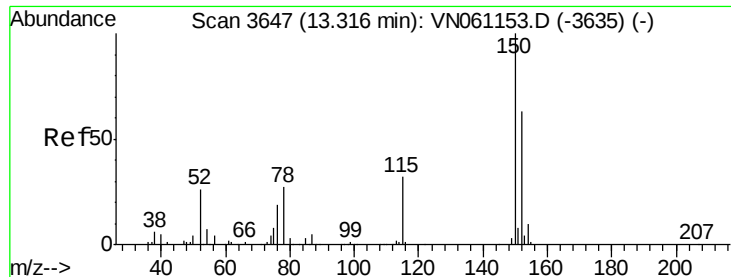


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061235.D

Acq: 1 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

200

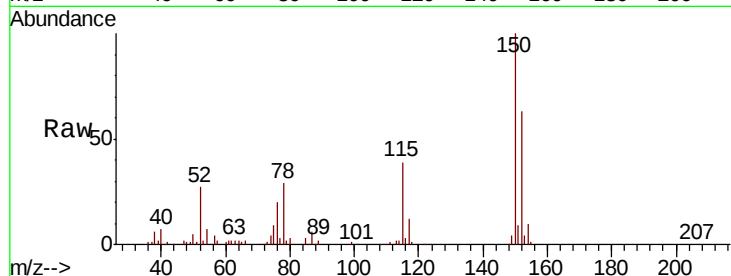
Tot Ion:152 Resp: 85619

Ion Ratio Lower Upper

152 100

115 62.1 31.0 93.0

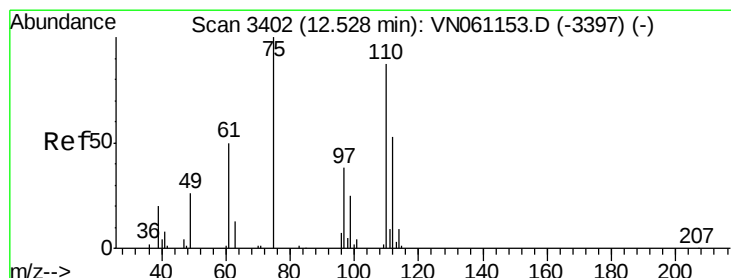
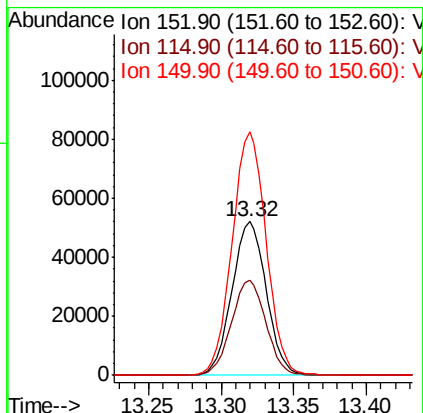
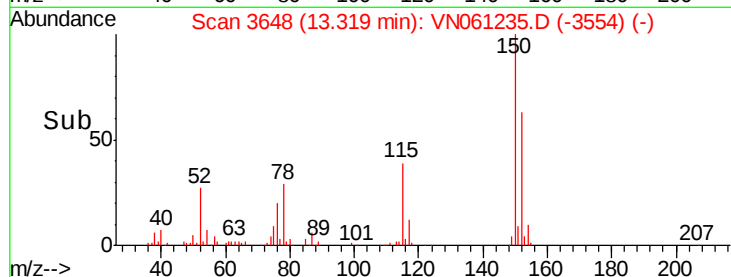
150 157.0 0.0 351.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 27.602 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061235.D

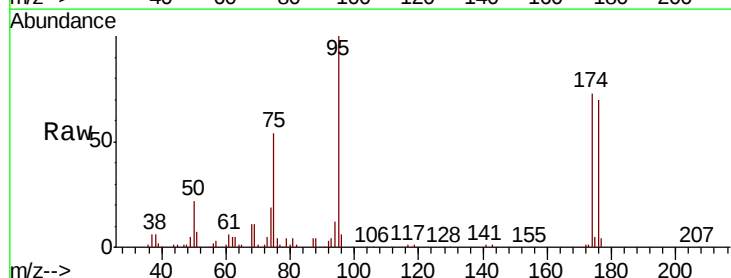
Acq: 1 May 2020 17:04

Tgt Ion: 75 Resp: 49824

Ion Ratio Lower Upper

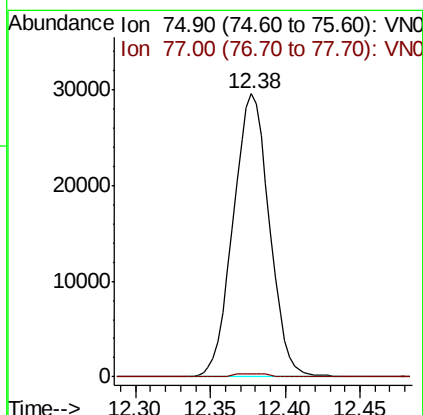
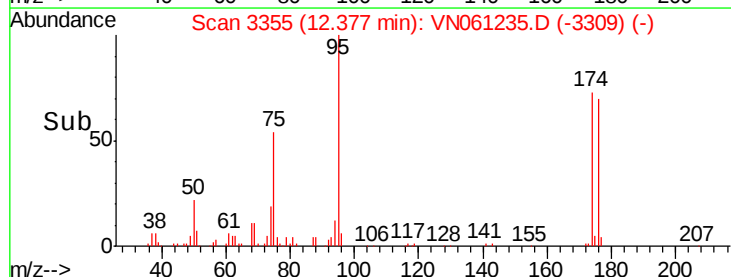
75 100

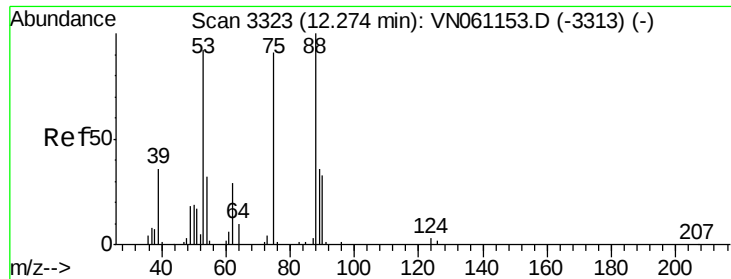
77 1.0 0.0 0.0#



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: 70.095 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061235.D

Acq: 1 May 2020 17:04

Instrument :

MSVOA_N

ClientSampleId :

200

Tot Ion: 75 Resp: 49824

Ion Ratio Lower Upper

75 100

53 0.0 84.1 126.1#

89 0.0 35.2 52.8#

