

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050120\
 Data File : VN061227.D
 Acq On : 1 May 2020 13:58
 Operator : JC/MD
 Sample : L2468-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-TB-20200429

Quant Time: May 04 00:53:43 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

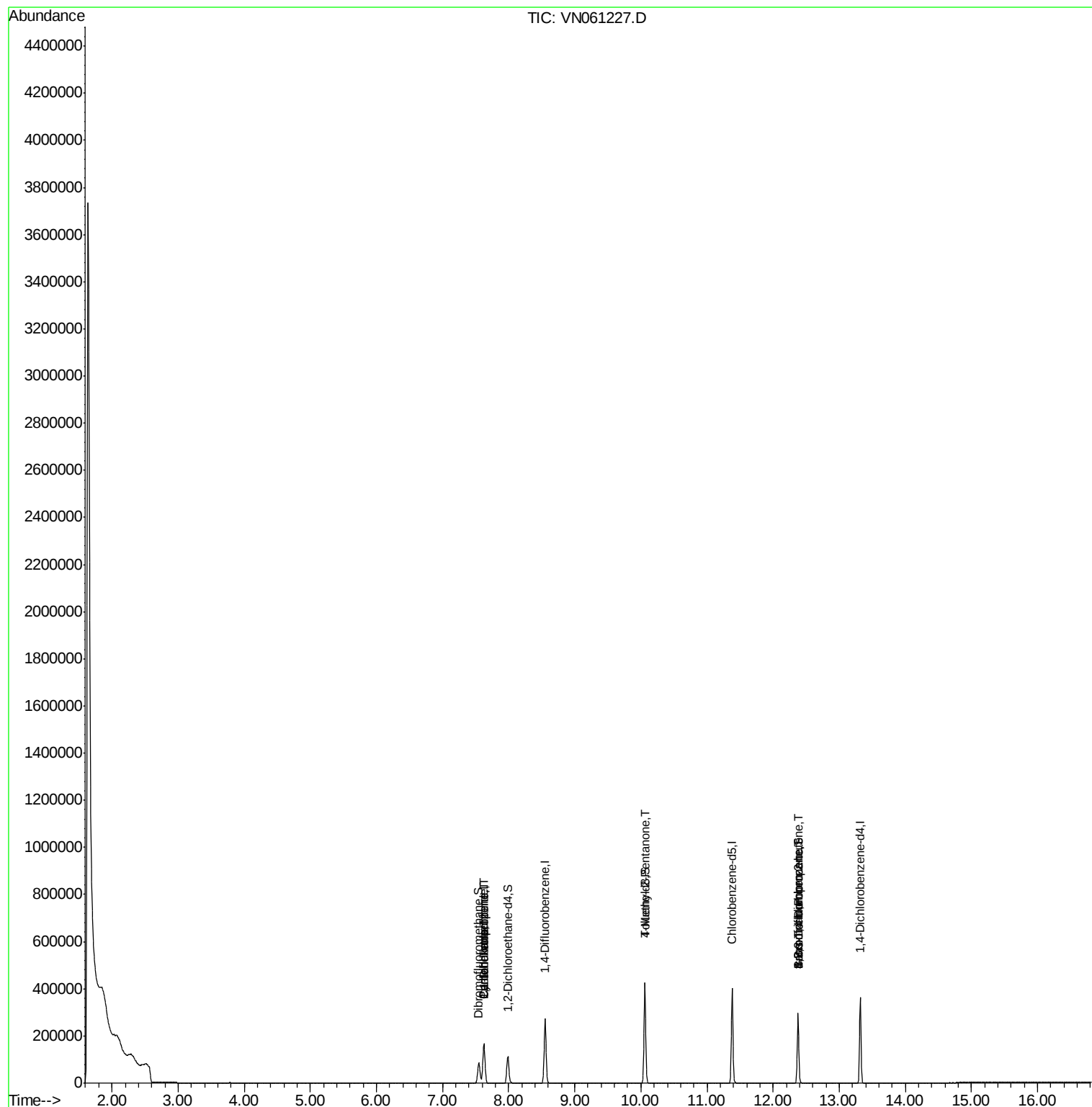
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	128289	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	229575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	213365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	97940	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
35) Dibromofluoromethane	7.55	113	66191	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.06	98	281592	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.38	95	102080	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
16) Acetone	3.78	43	3886	Below Cal		97
31) Cyclohexane	7.63	56	3237	1.096	ug/l #	2
36) 1,1-Dichloropropene	7.62	75	11246	4.893	ug/l #	50
38) Carbon Tetrachloride	7.63	117	13127	8.261	ug/l #	18
51) 4-Methyl-2-Pentanone	10.06	43	1568	0.596	ug/l #	1
71) Bromoform	12.38	173	488	0.438	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	54590	28.700	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54590	72.883	ug/l #	8

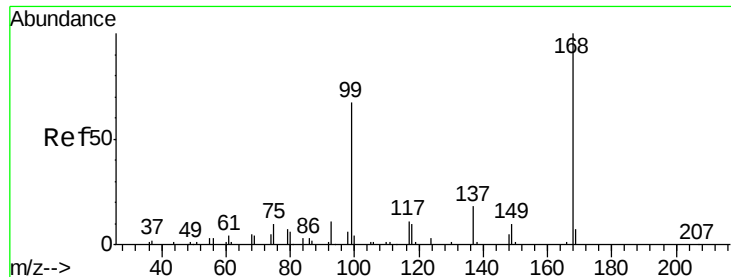
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN061227.D
Acq On : 1 May 2020 13:58
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Instrument :
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ClientSampleId :
BP-VPB180-TB-20200429

Quant Time: May 04 00:53:43 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061227.D

Acq: 1 May 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

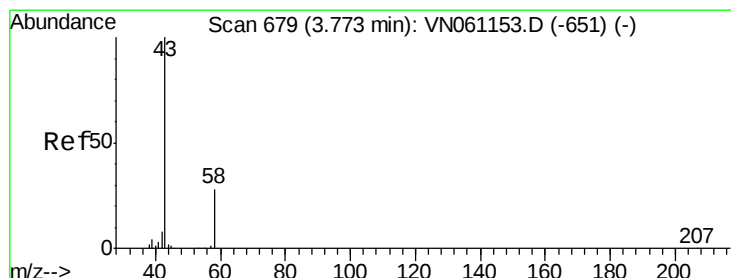
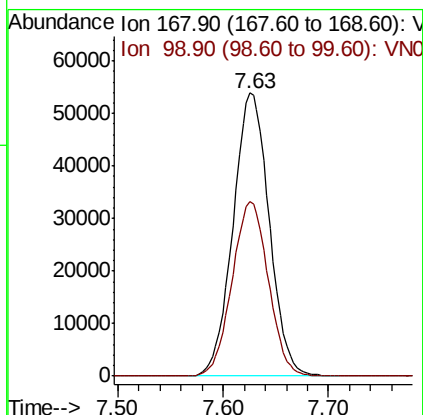
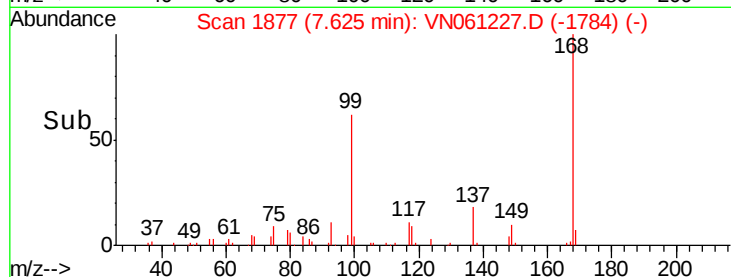
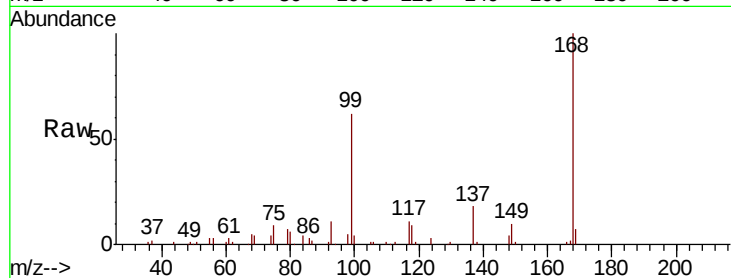
BP-VPB180-TB-20200429

Tot Ion:168 Resp: 128289

Ion Ratio Lower Upper

168 100

99 61.7 51.2 76.8



#16

Acetone

Concen: Below Cal

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061227.D

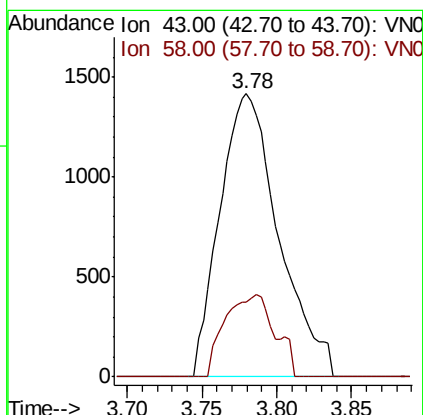
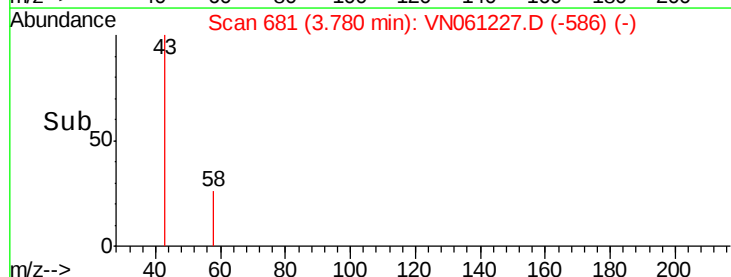
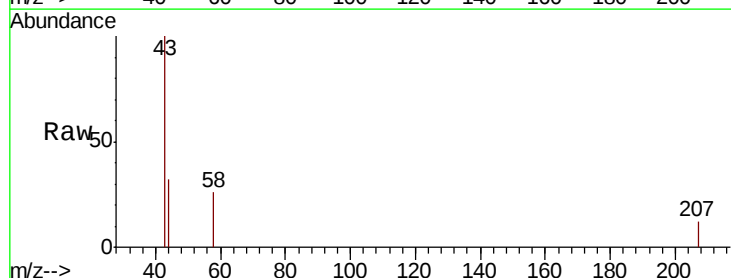
Acq: 1 May 2020 13:58

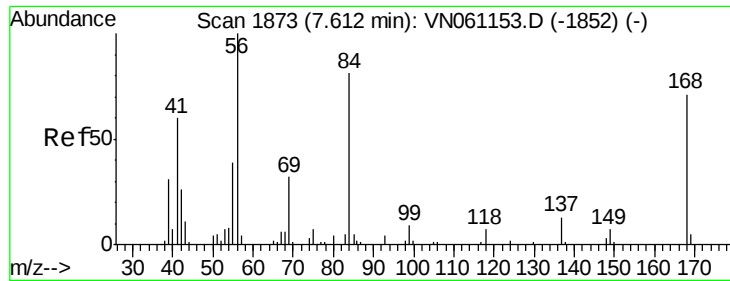
Tgt Ion: 43 Resp: 3886

Ion Ratio Lower Upper

43 100

58 26.3 22.2 33.2

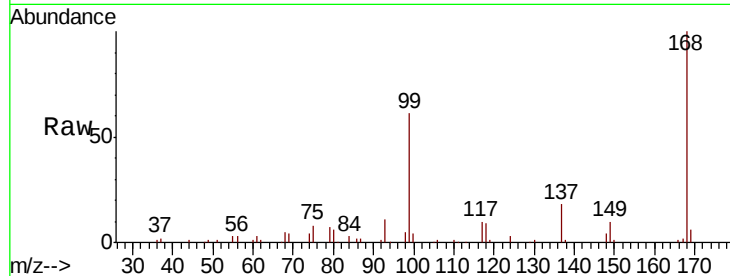




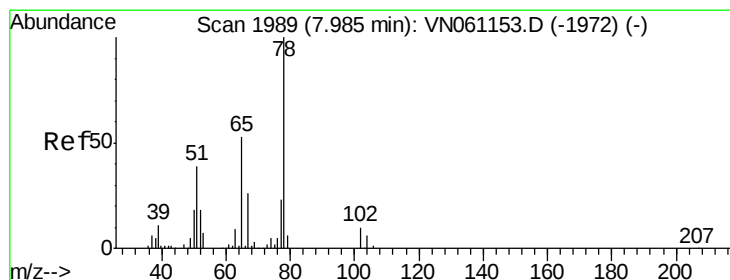
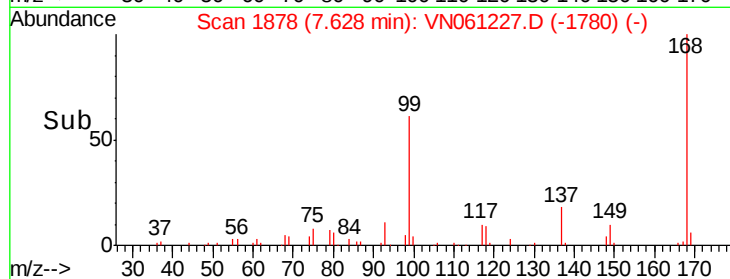
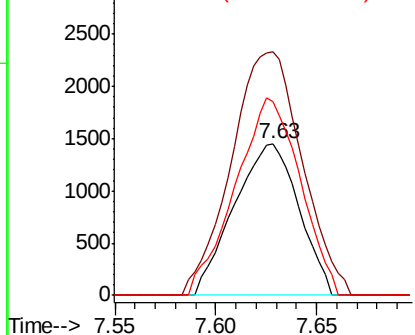
#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.63 min Scan# 1878
Delta R.T. 0.02 min
Lab File: VN061227.D
Acq: 1 May 2020 13:58

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-TB-20200429

Tot Ion: 56 Resp: 3237
Ion Ratio Lower Upper
56 100
69 150.1 25.7 38.5#
84 128.2 64.6 97.0#

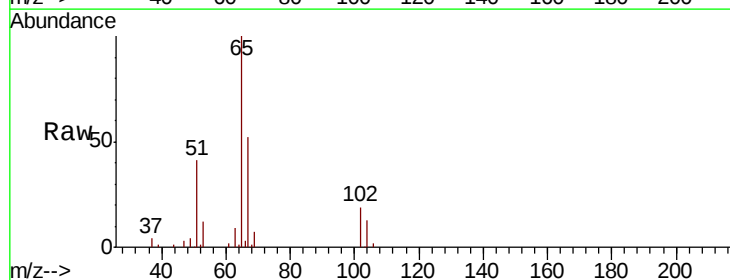


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

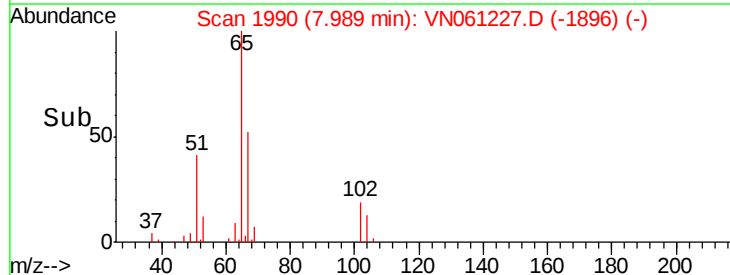
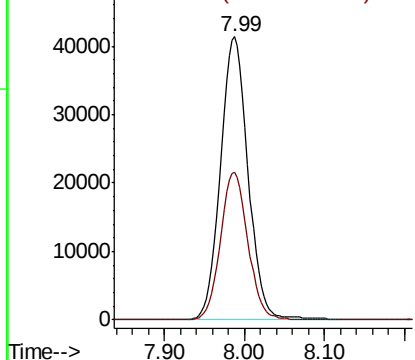


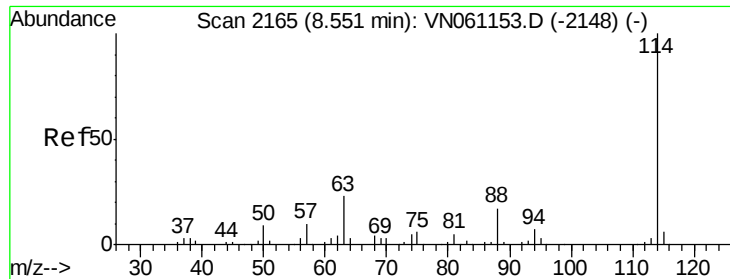
#33
1,2-Dichloroethane-d4
Concen: 48.248 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061227.D
Acq: 1 May 2020 13:58

Tgt Ion: 65 Resp: 97940
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

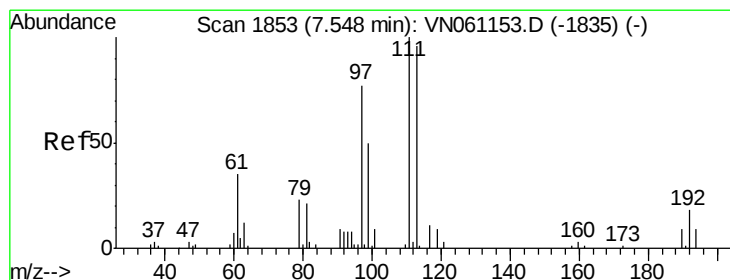
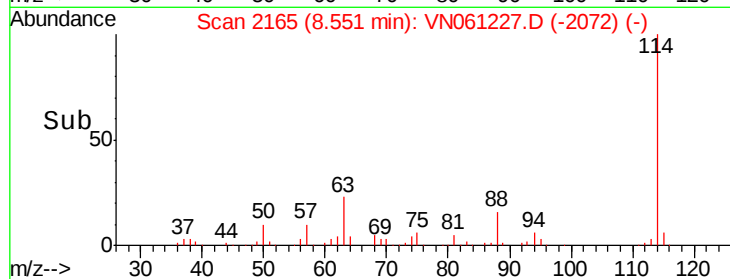
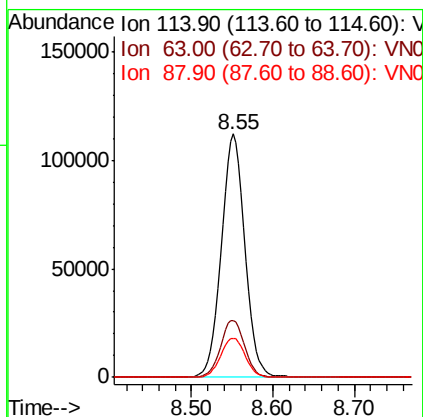
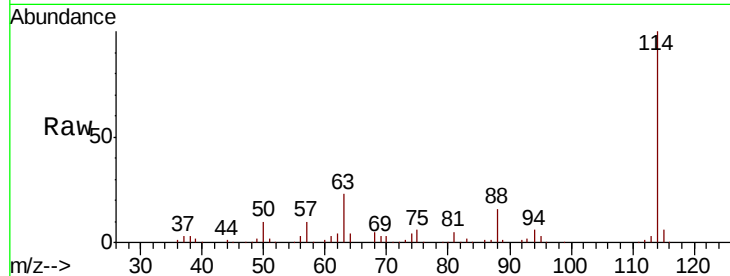




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061227.D
 Acq: 1 May 2020 13:58

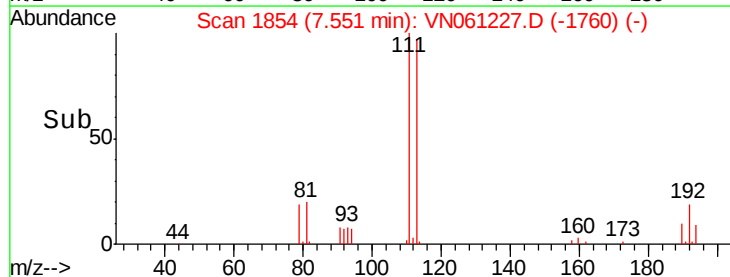
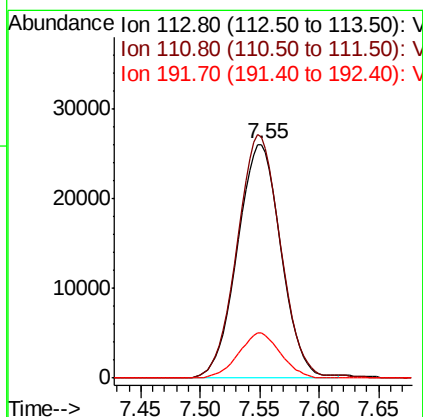
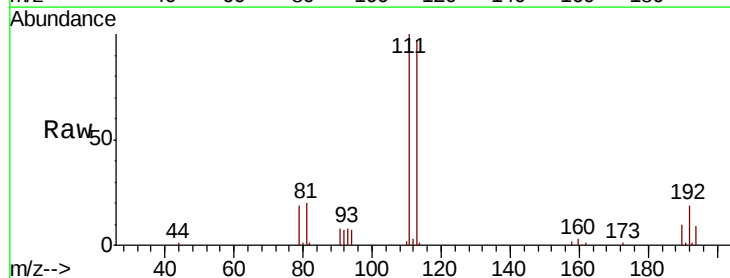
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-TB-20200429

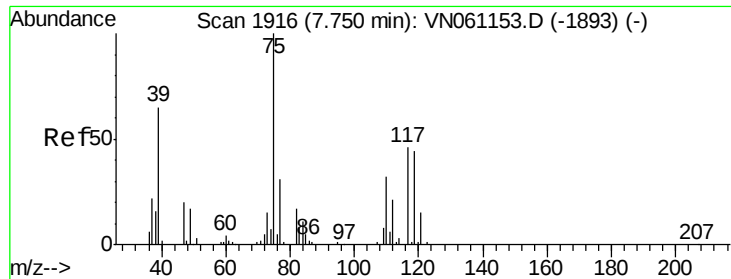
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	46.6
88	16.2	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 48.758 ug/l
 RT: 7.55 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VN061227.D
 Acq: 1 May 2020 13:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.9	124.3
192	18.4	14.7	22.1

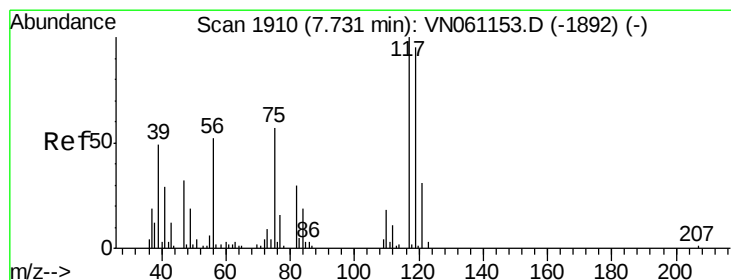
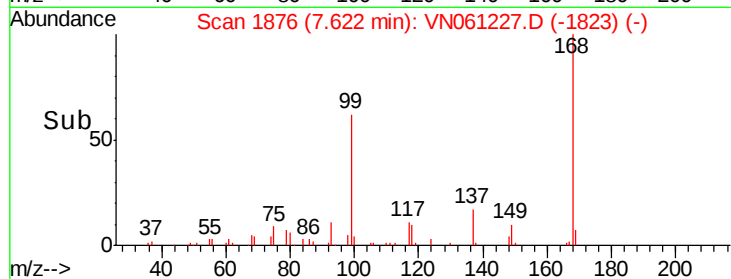
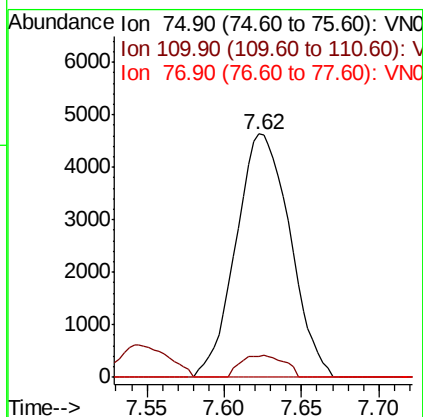
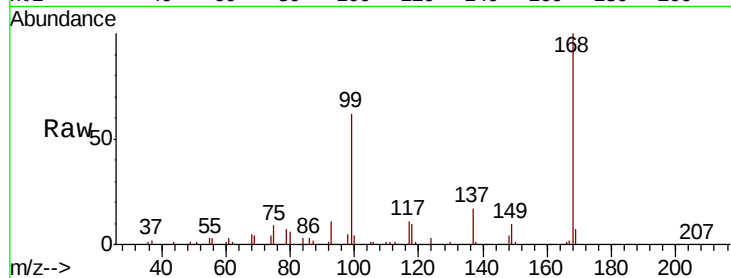




#36
 1,1-Dichloropropene
 Concen: 4.893 ug/l
 RT: 7.62 min Scan# 1876
 Delta R.T. -0.13 min
 Lab File: VN061227.D
 Acq: 1 May 2020 13:58

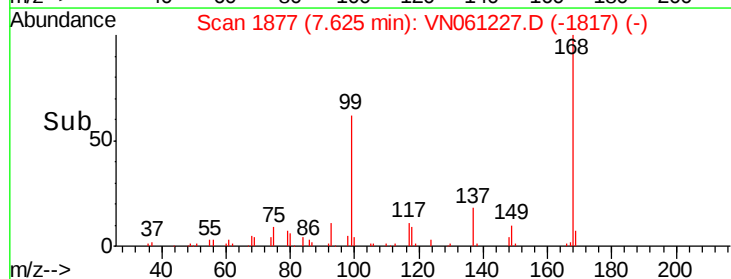
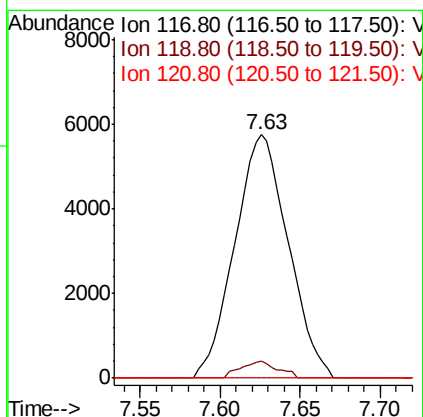
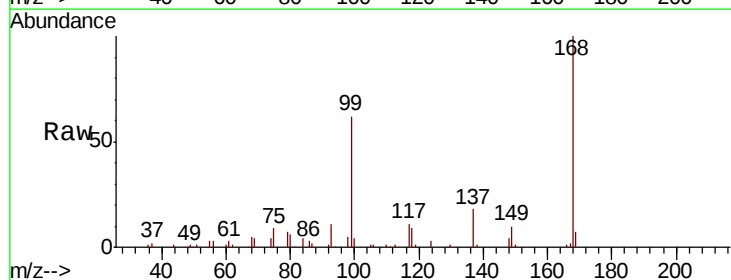
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-TB-20200429

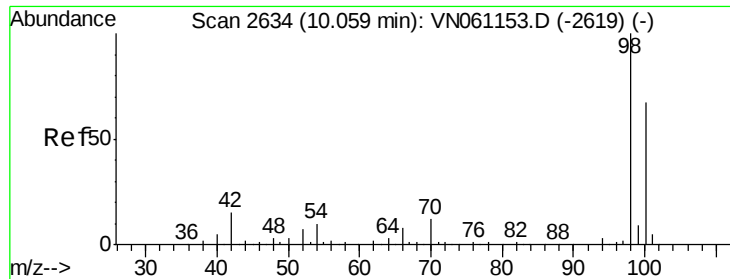
Tot Ion: 75 Resp: 11246
 Ion Ratio Lower Upper
 75 100
 110 7.3 16.0 48.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 8.261 ug/l
 RT: 7.63 min Scan# 1877
 Delta R.T. -0.11 min
 Lab File: VN061227.D
 Acq: 1 May 2020 13:58

Tgt Ion: 117 Resp: 13127
 Ion Ratio Lower Upper
 117 100
 119 6.7 75.8 113.6#
 121 0.0 24.7 37.1#





#50

Toluene-d8

Concen: 50.884 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061227.D

Acq: 1 May 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

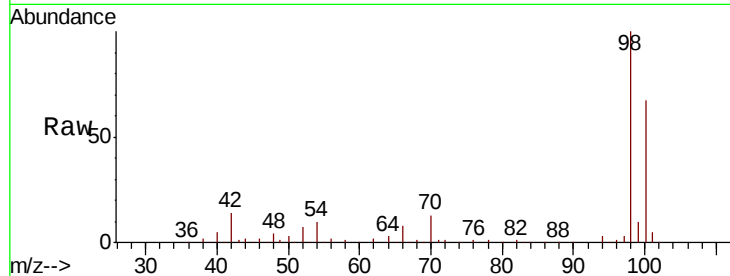
BP-VPB180-TB-20200429

Tot Ion: 98 Resp: 281592

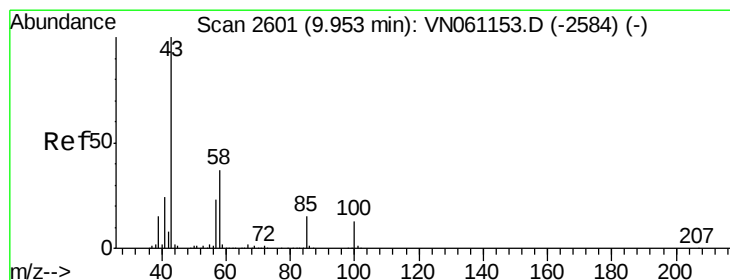
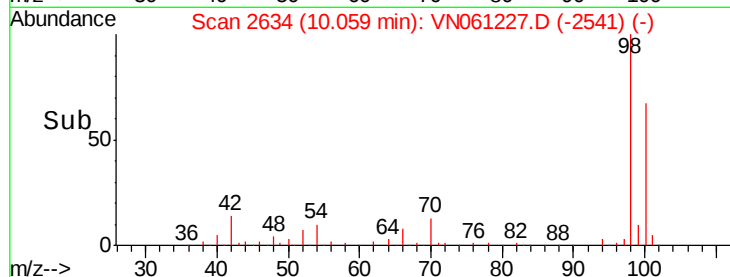
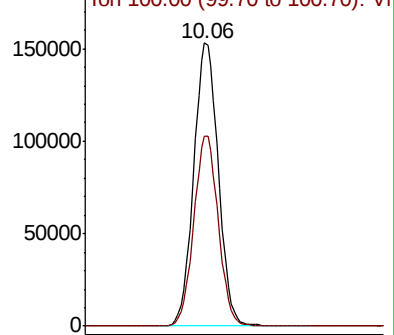
Ion Ratio Lower Upper

98 100

100 66.9 53.4 80.0



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



#51

4-Methyl-2-Pentanone

Concen: 0.596 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.11 min

Lab File: VN061227.D

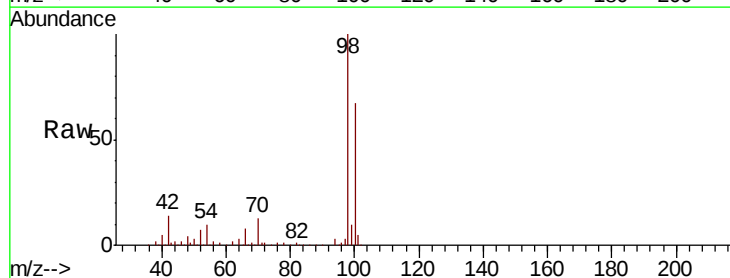
Acq: 1 May 2020 13:58

Tgt Ion: 43 Resp: 1568

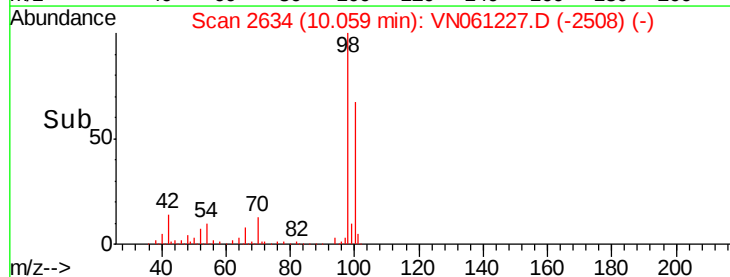
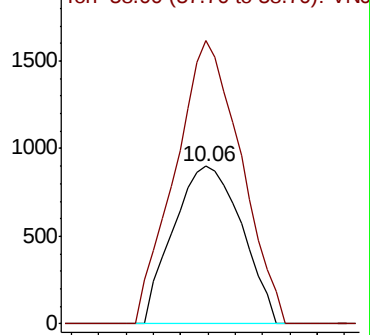
Ion Ratio Lower Upper

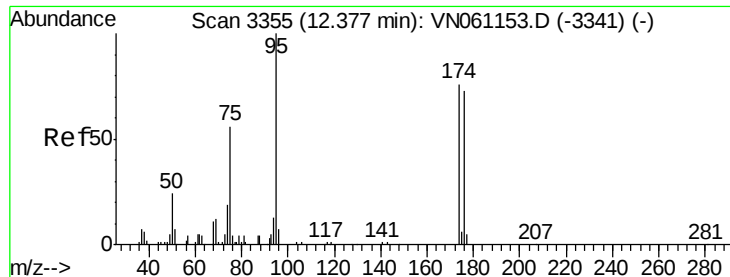
43 100

58 172.5 29.1 43.7#



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

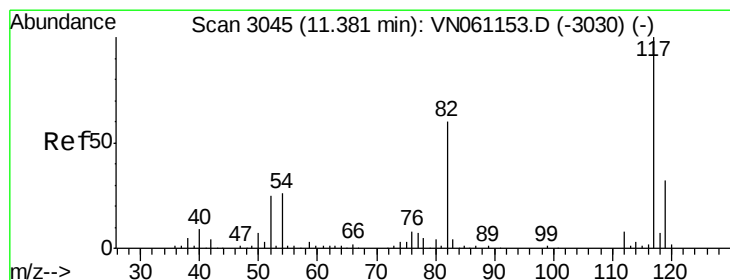
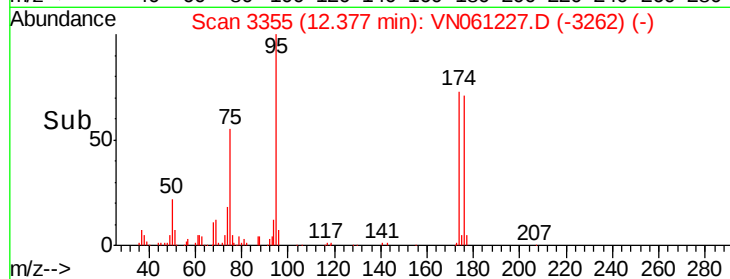
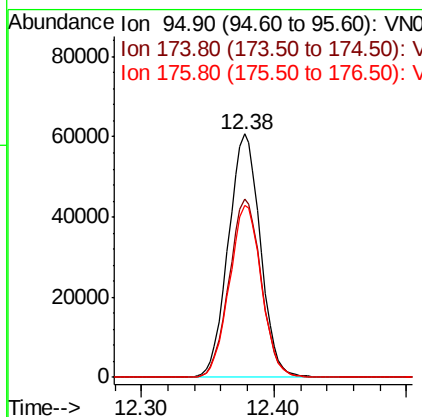
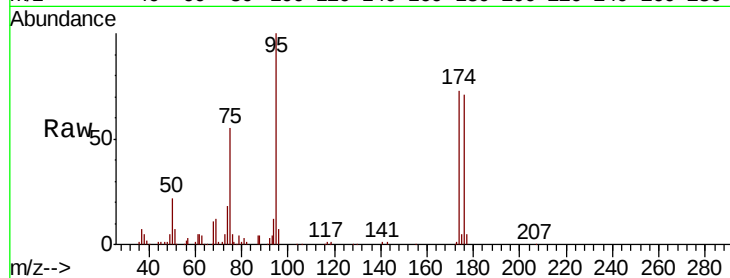




#62
4-Bromofluorobenzene
Concen: 49.017 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061227.D
Acq: 1 May 2020 13:58

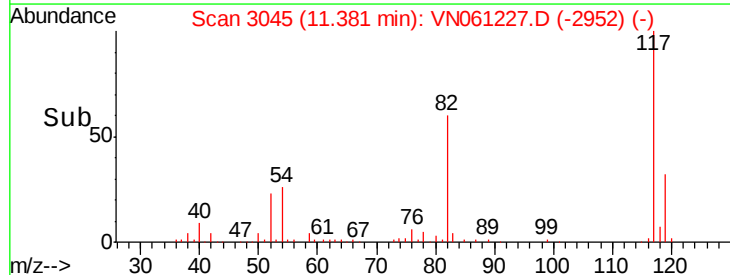
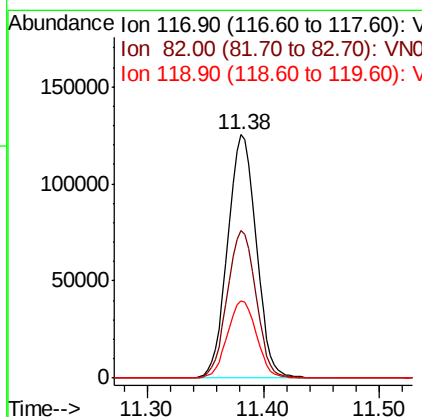
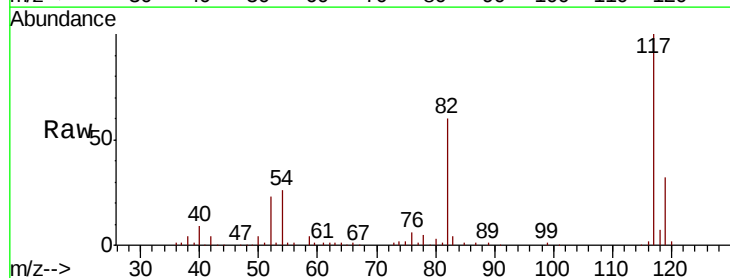
Instrument :
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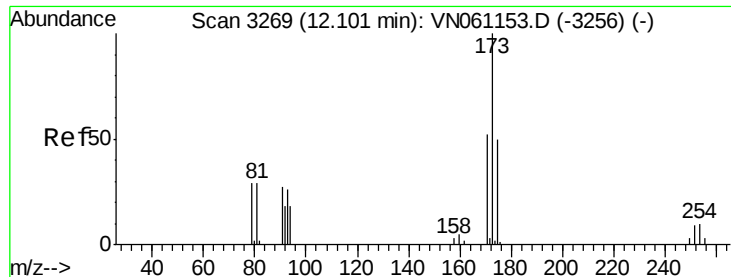
Tot Ion	95	Resp	102080
Ion Ratio	Lower	Upper	
95	100		
174	73.2	0.0	149.4
176	70.6	0.0	144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061227.D
Acq: 1 May 2020 13:58

Tgt Ion	117	Resp	213365
Ion Ratio	Lower	Upper	
117	100		
82	60.5	47.8	71.8
119	31.8	25.8	38.6





#71

Bromoform

Concen: 0.438 ug/l

RT: 12.38 min Scan# 3356

Delta R.T. 0.28 min

Lab File: VN061227.D

Acq: 1 May 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-TB-20200429

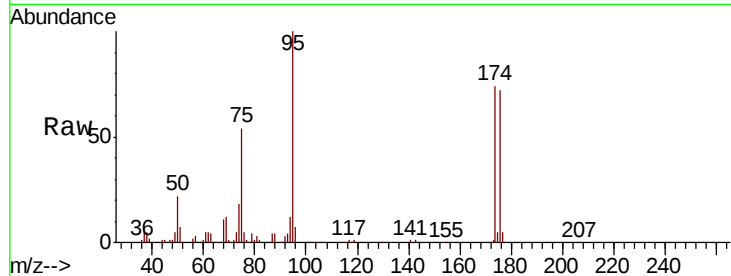
Tot Ion:173 Resp: 488

Ion Ratio Lower Upper

173 100

175 936.9 24.1 72.4#

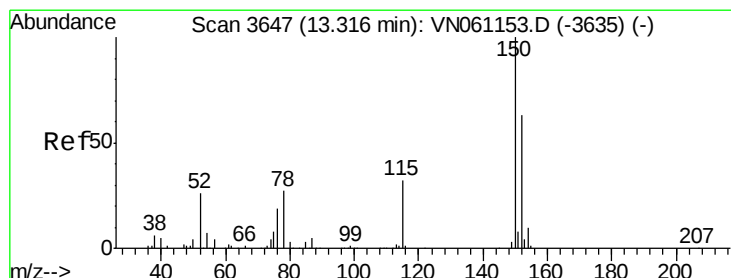
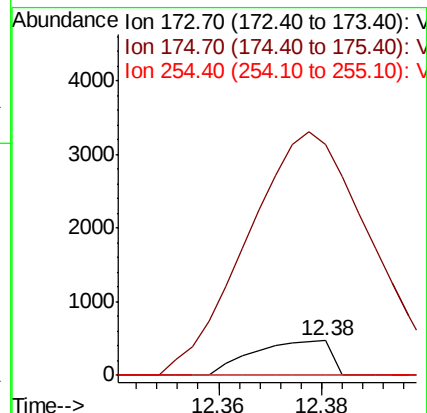
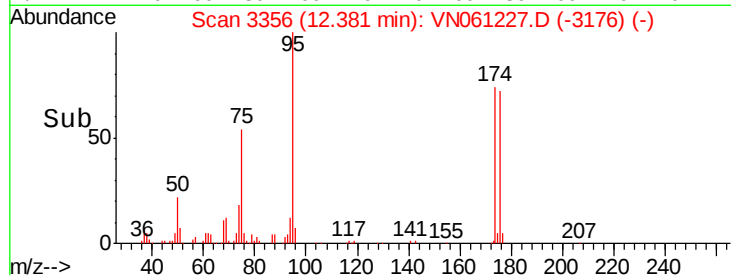
254 0.0 0.0 0.0



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: VN061227.D

Acq: 1 May 2020 13:58

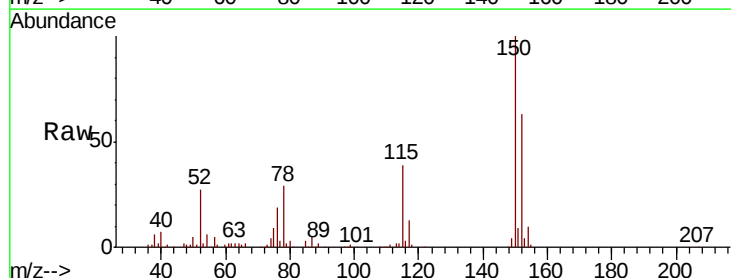
Tgt Ion:152 Resp: 90221

Ion Ratio Lower Upper

152 100

115 61.6 31.0 93.0

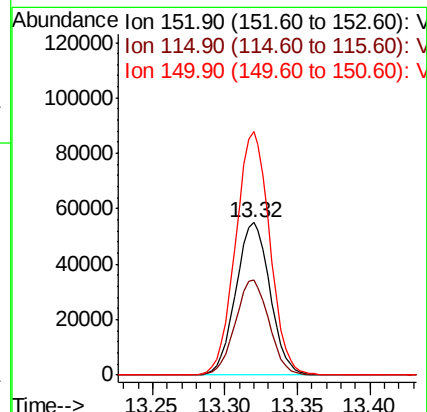
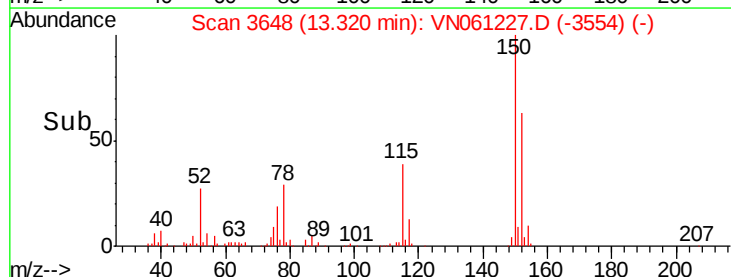
150 159.6 0.0 351.8

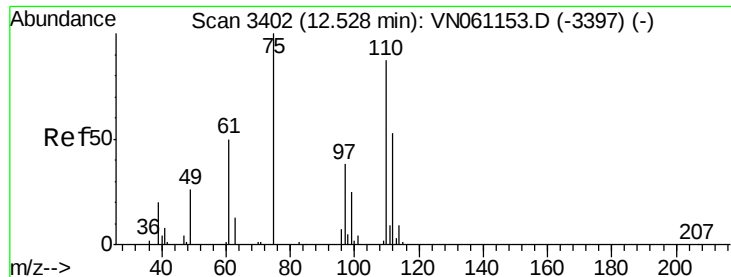


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 28.700 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. -0.15 min

Lab File: VN061227.D

Acq: 1 May 2020 13:58

Instrument :

MSVOA_N

ClientSampleId :

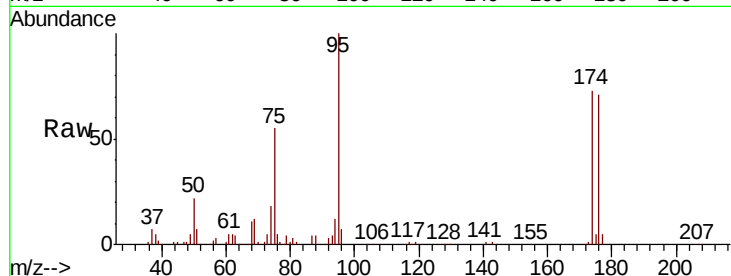
BP-VPB180-TB-20200429

Tot Ion: 75 Resp: 54590

Ion Ratio Lower Upper

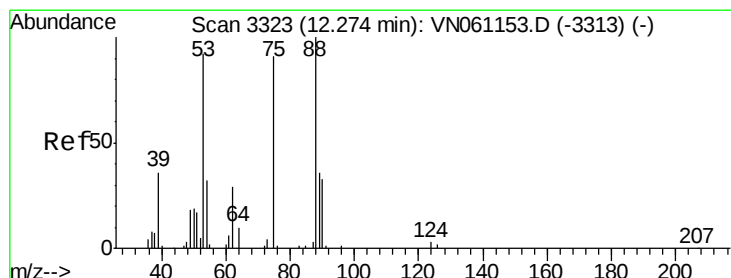
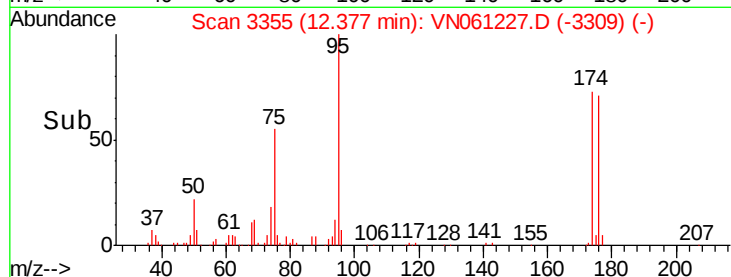
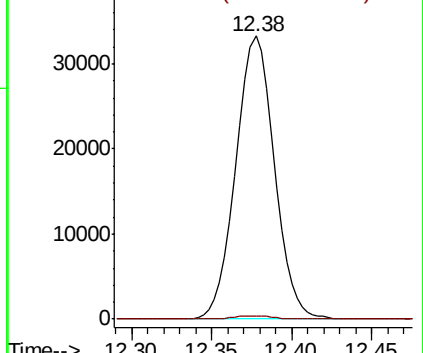
75 100

77 1.0 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#81

trans-1,4-Dichloro-2-butene

Concen: 72.883 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.10 min

Lab File: VN061227.D

Acq: 1 May 2020 13:58

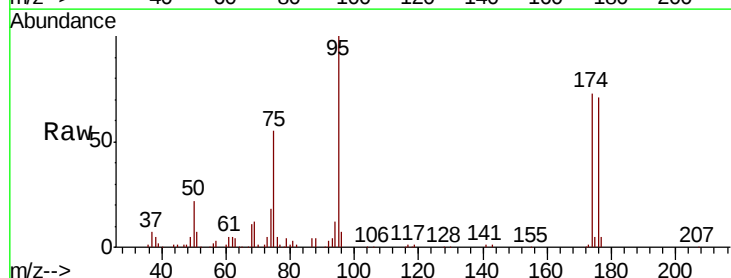
Tgt Ion: 75 Resp: 54590

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

