

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN042220\
 Data File : VN061137.D
 Acq On : 22 Apr 2020 19:09
 Operator : JC/MD
 Sample : L2337-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-EB-20200416

Quant Time: Apr 29 13:44:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	185922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	307769	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	291934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	141431	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.77	65	117431	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	
35) Dibromofluoromethane	7.31	113	79580	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
50) Toluene-d8	9.88	98	378917	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.21	95	145599	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	

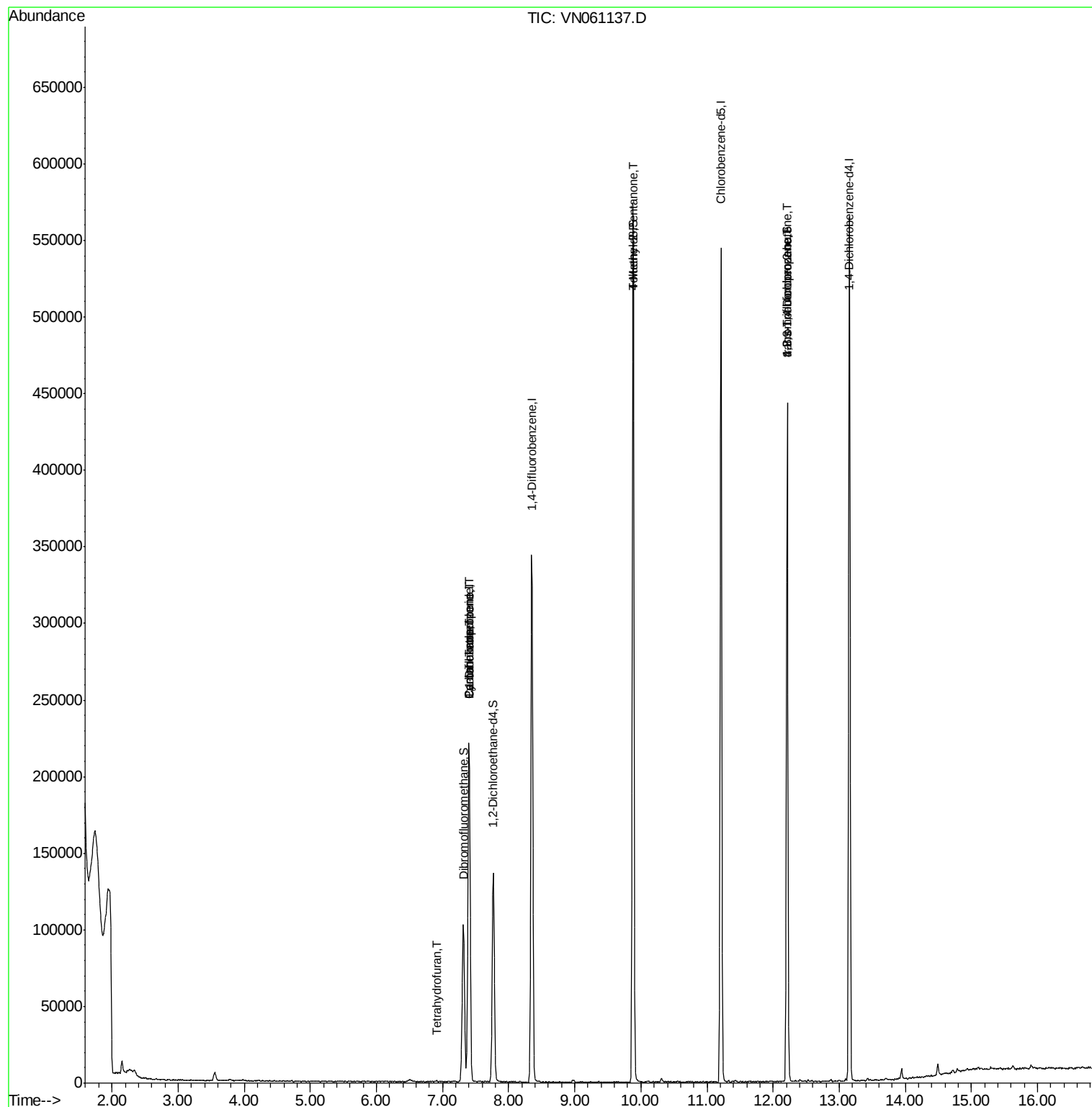
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.55	43	9867	Below Cal		98
18) Methyl Acetate	3.89	43	90	Below Cal	#	51
29) Tetrahydrofuran	6.91	42	422	0.46	ug/l #	68
31) Cyclohexane	7.40	56	3824	1.01	ug/l #	1
36) 1,1-Dichloropropene	7.40	75	14192	4.72	ug/l #	49
38) Carbon Tetrachloride	7.40	117	17700	6.72	ug/l #	16
49) 1,4-Dioxane	8.98	88	1011	Below Cal	#	81
51) 4-Methyl-2-Pentanone	9.88	43	1927	0.64	ug/l #	1
76) 1,2,3-Trichloropropane	12.21	75	74168	22.73	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.21	75	74168	59.71	ug/l #	12

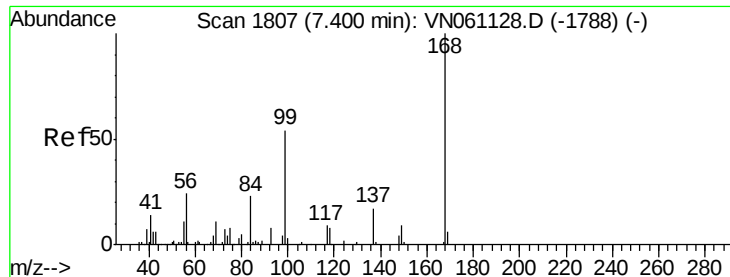
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN042220\
Data File : VN061137.D
Acq On : 22 Apr 2020 19:09
Operator : JC/MD
Sample : L2337-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-EB-20200416

Quant Time: Apr 29 13:44:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 22 15:26:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

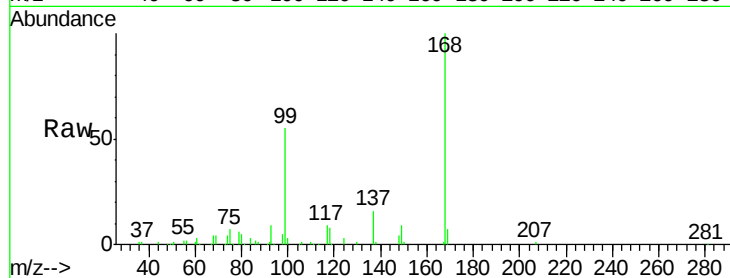
BP-VPB180-EB-20200416

Tgt Ion:168 Resp: 185922

Ion Ratio Lower Upper

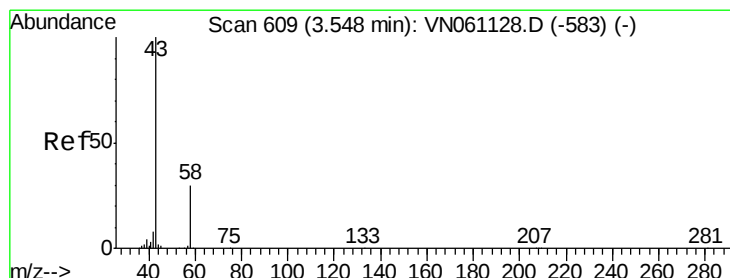
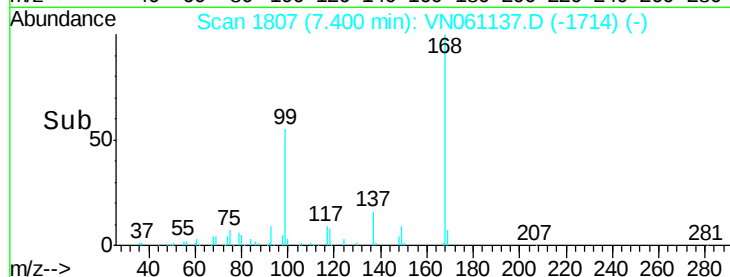
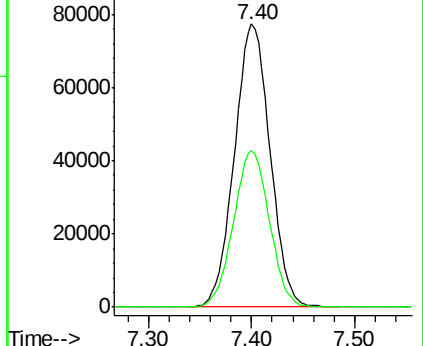
168 100

99 55.2 44.3 66.5



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: 3.55 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN061137.D

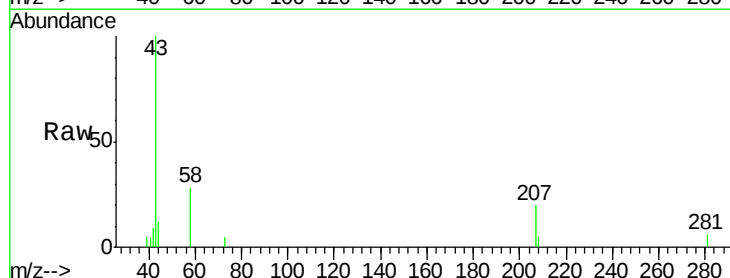
Acq: 22 Apr 2020 19:09

Tgt Ion: 43 Resp: 9867

Ion Ratio Lower Upper

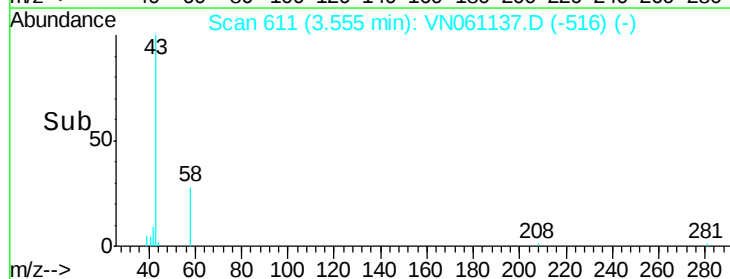
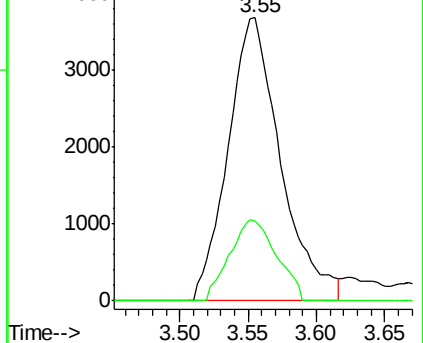
43 100

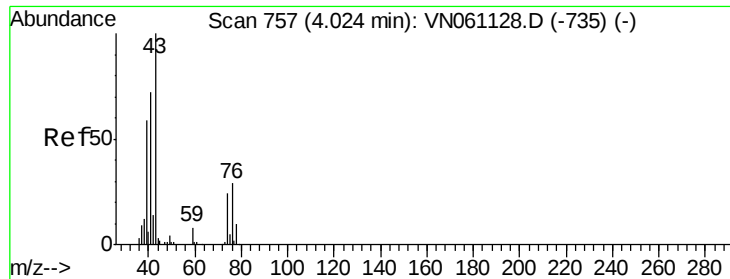
58 28.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

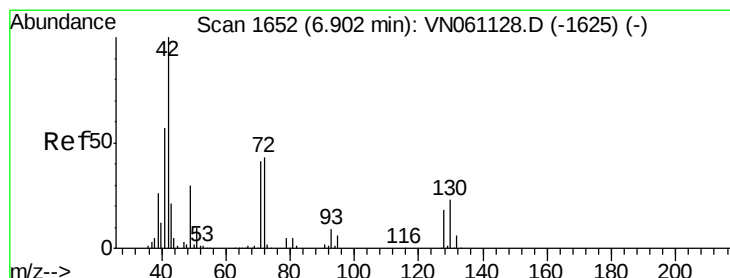
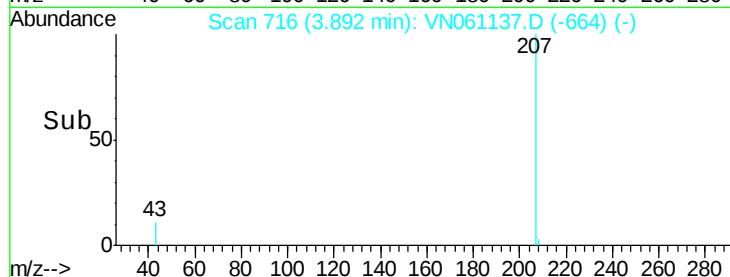
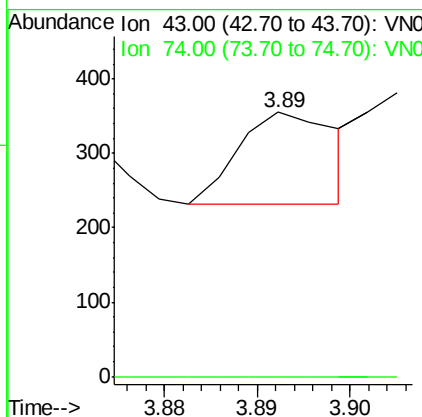
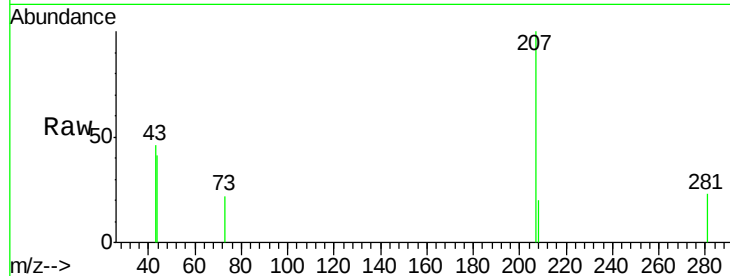




#18
Methyl Acetate
Concen: Below Cal
RT: 3.89 min Scan# 716
Delta R.T. -0.13 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

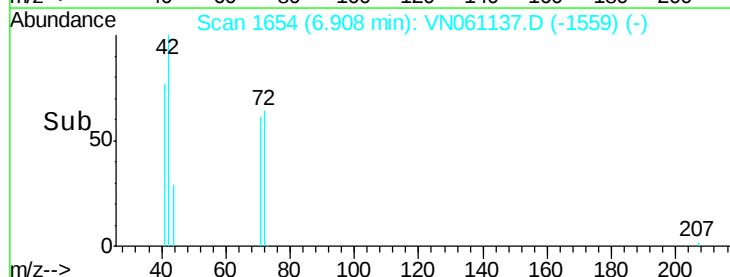
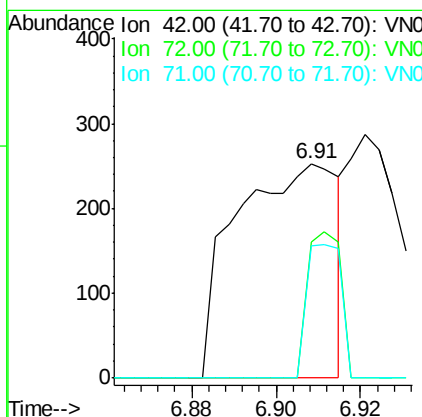
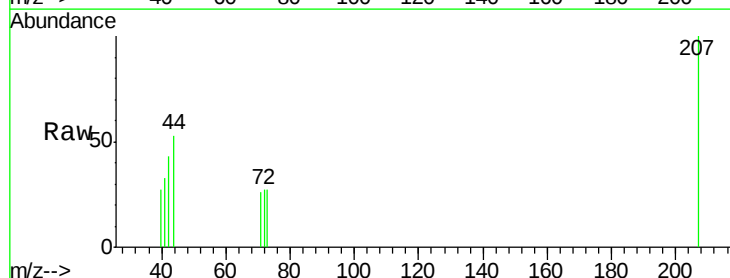
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-EB-20200416

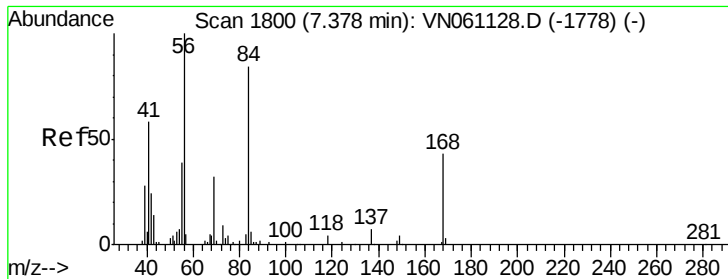
Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



#29
Tetrahydrofuran
Concen: 0.46 ug/l
RT: 6.91 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

Tgt Ion: 42 Resp: 422
Ion Ratio Lower Upper
42 100
72 22.5 35.1 52.7#
71 21.3 33.0 49.6#

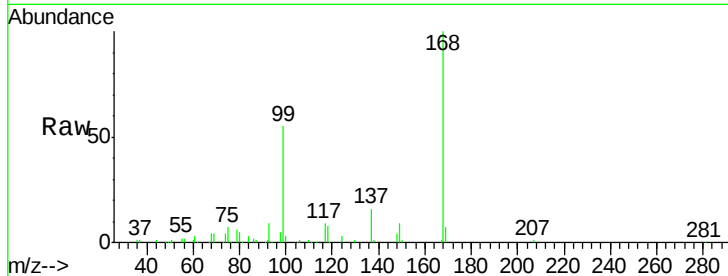




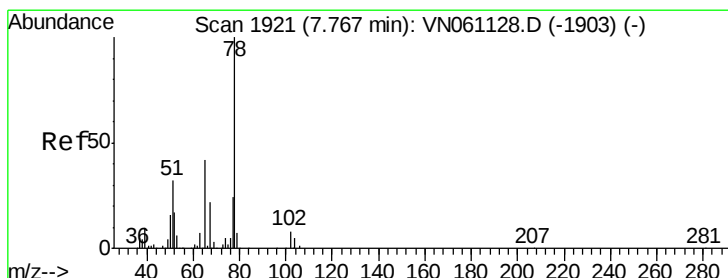
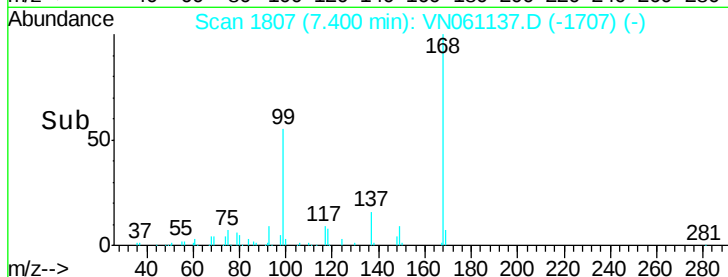
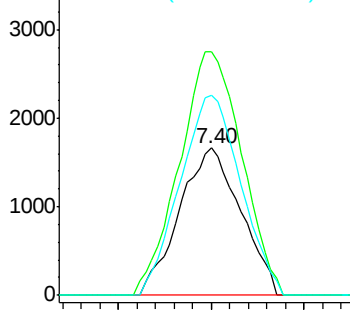
#31
Cyclohexane
Concen: 1.01 ug/l
RT: 7.40 min Scan# 1807
Delta R.T. 0.02 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB180-EB-20200416

Tgt Ion: 56 Resp: 3824
Ion Ratio Lower Upper
56 100
69 165.1 25.9 38.9#
84 135.2 67.4 101.0#

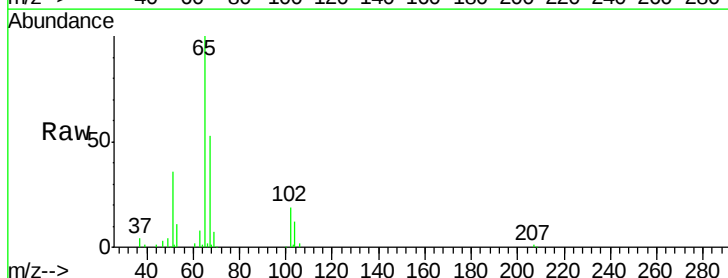


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

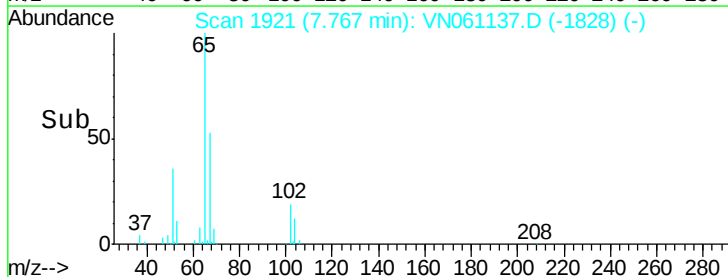
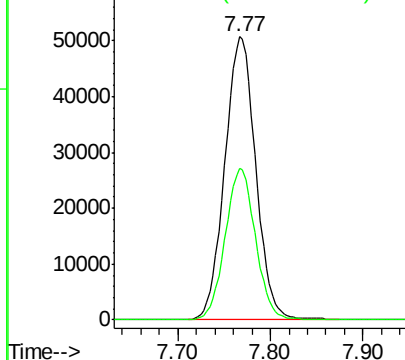


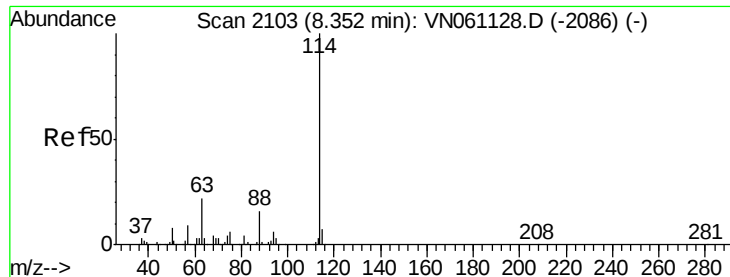
#33
1,2-Dichloroethane-d4
Concen: 47.63 ug/l
RT: 7.77 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VN061137.D
Acq: 22 Apr 2020 19:09

Tgt Ion: 65 Resp: 117431
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.8



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

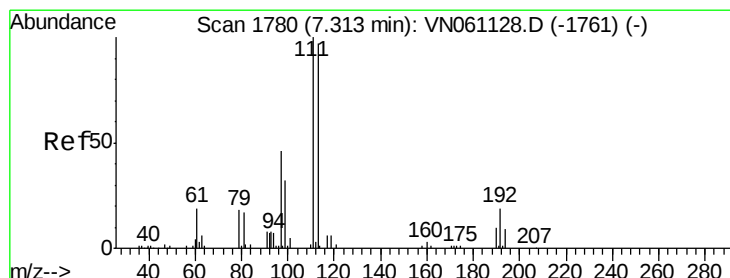
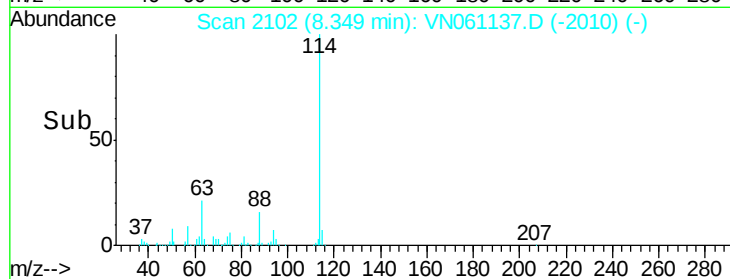
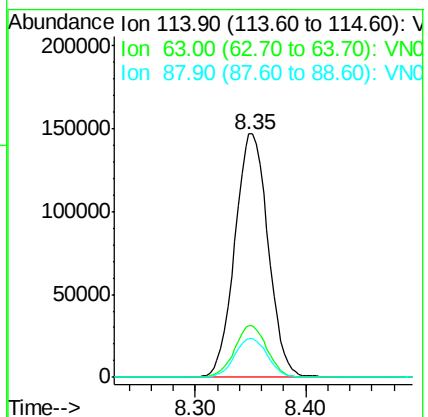
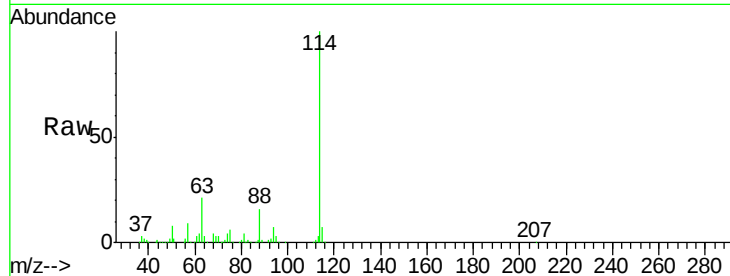




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.35 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

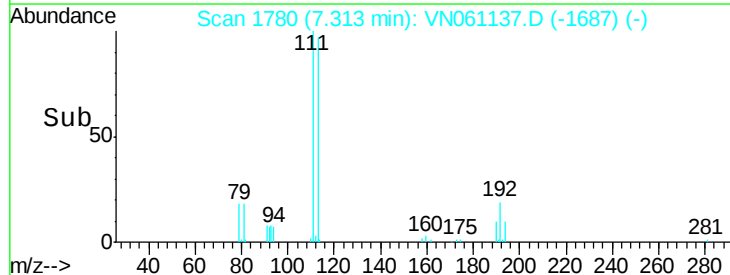
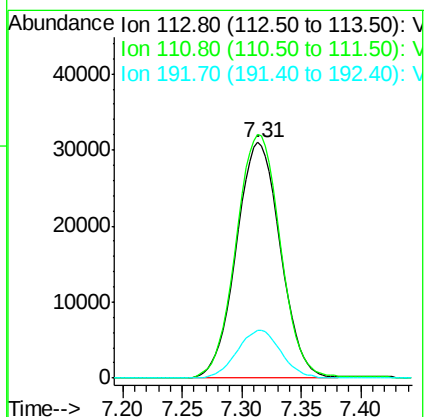
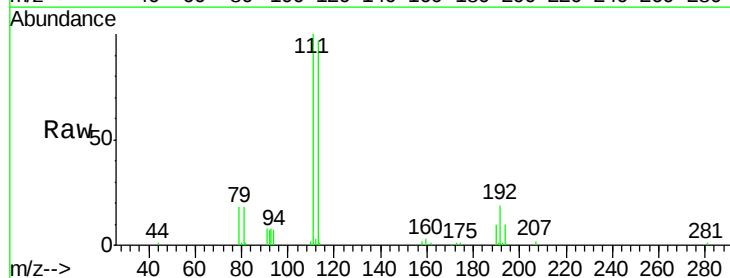
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-EB-20200416

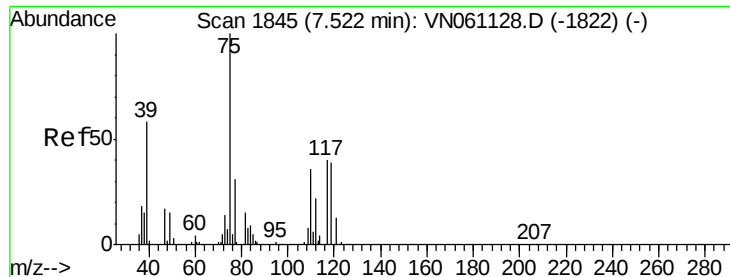
Tgt Ion:114 Resp: 307769
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.0 0.0 32.4



#35
 Dibromofluoromethane
 Concen: 45.31 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

Tgt Ion:113 Resp: 79580
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.0 124.6
 192 20.1 15.8 23.6





#36

1,1-Dichloropropene

Concen: 4.72 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. -0.12 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-EB-20200416

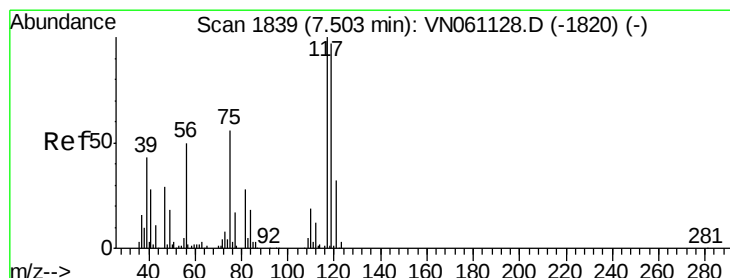
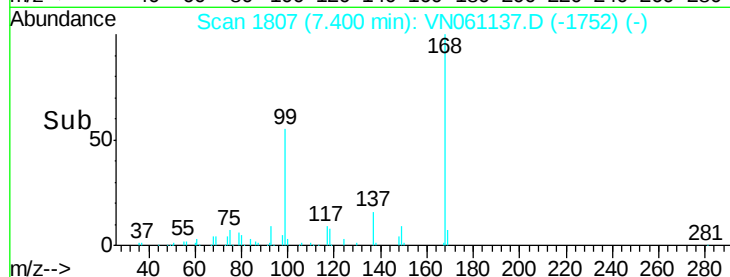
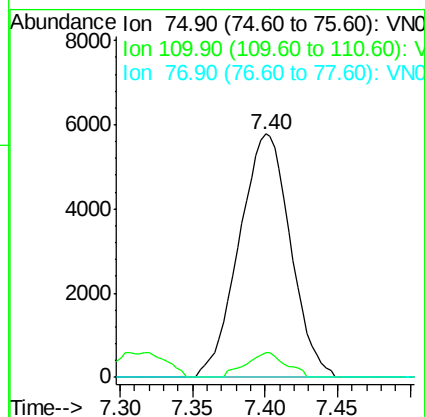
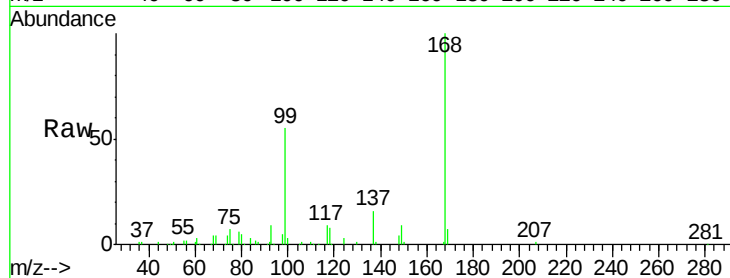
Tgt Ion: 75 Resp: 14192

Ion Ratio Lower Upper

75 100

110 7.9 17.7 53.1#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.72 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. -0.10 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

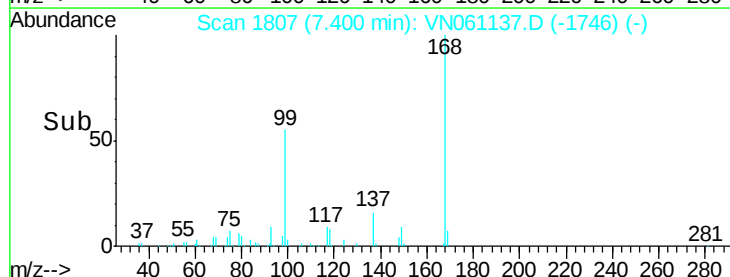
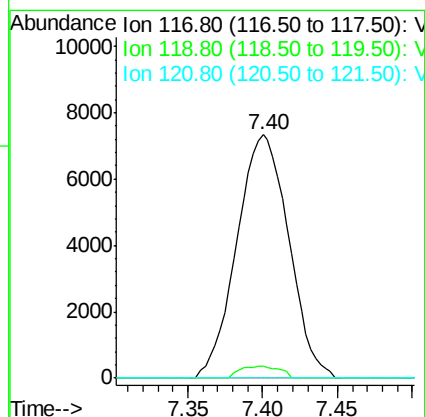
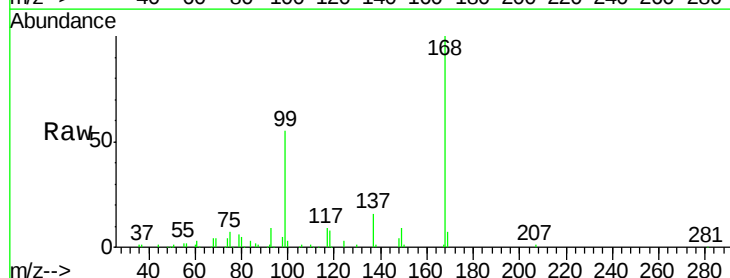
Tgt Ion: 117 Resp: 17700

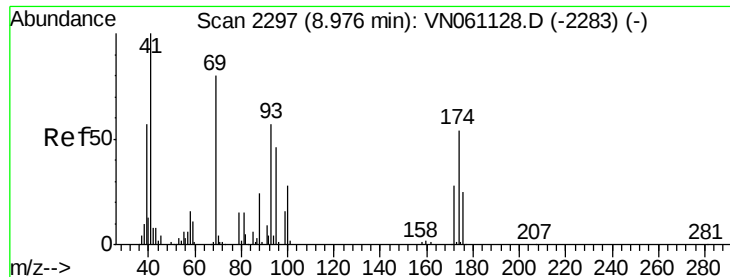
Ion Ratio Lower Upper

117 100

119 4.7 76.9 115.3#

121 0.0 25.0 37.6#

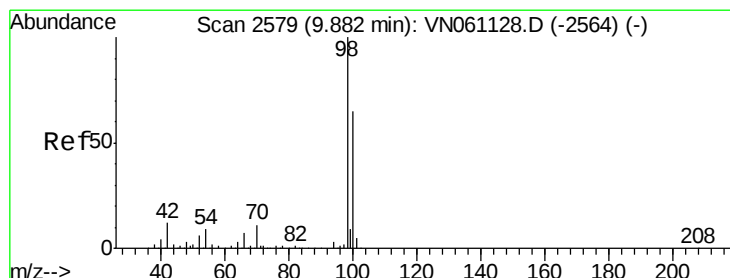
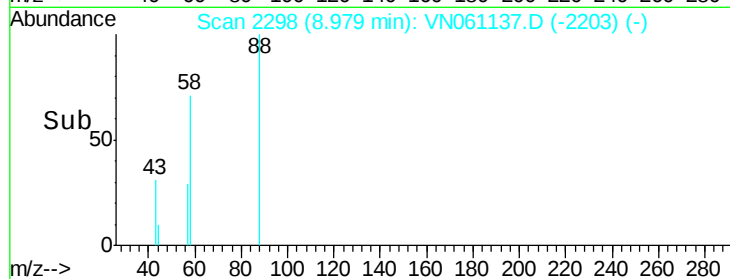
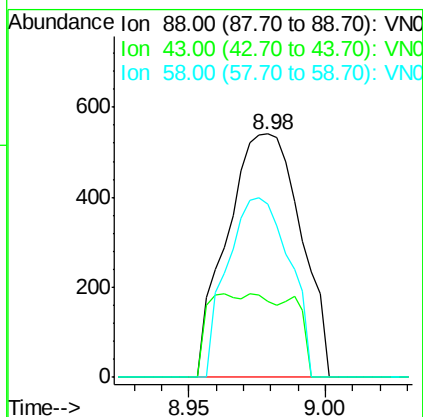
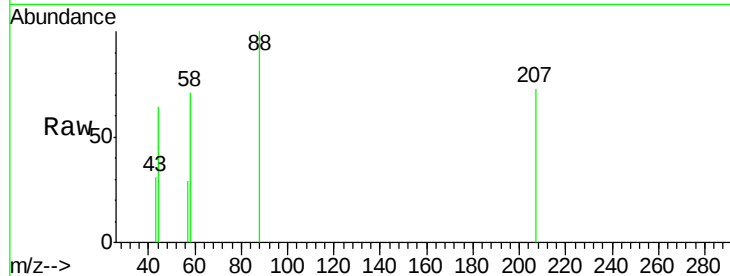




#49
 1,4-Dioxane
 Concen: Below Cal
 RT: 8.98 min Scan# 2298
 Delta R.T. 0.00 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

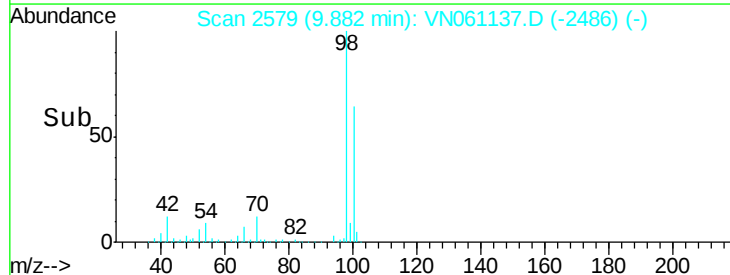
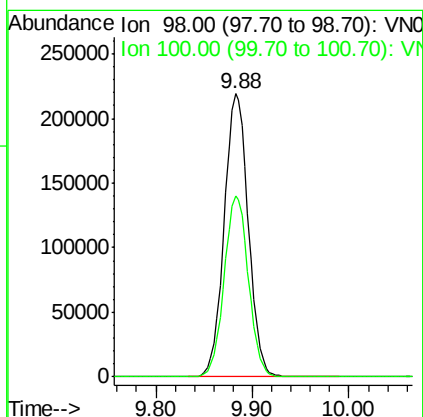
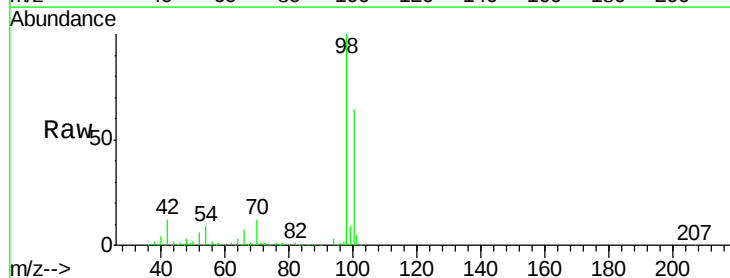
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-EB-20200416

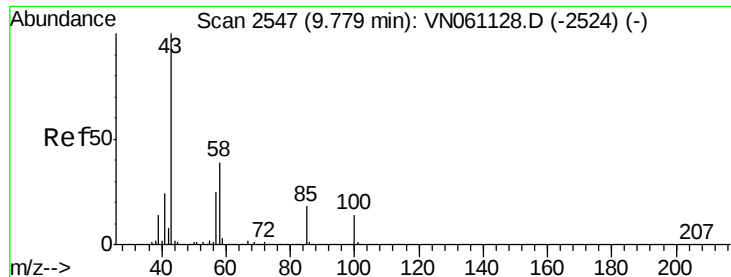
Tgt Ion: 88 Resp: 1011
 Ion Ratio Lower Upper
 88 100
 43 16.8 29.0 43.4#
 58 62.5 57.8 86.6



#50
 Toluene-d8
 Concen: 50.34 ug/l
 RT: 9.88 min Scan# 2579
 Delta R.T. 0.00 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

Tgt Ion: 98 Resp: 378917
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.8 77.6





#51

4-Methyl-2-Pentanone

Concen: 0.64 ug/l

RT: 9.88 min Scan# 2579

Delta R.T. 0.10 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

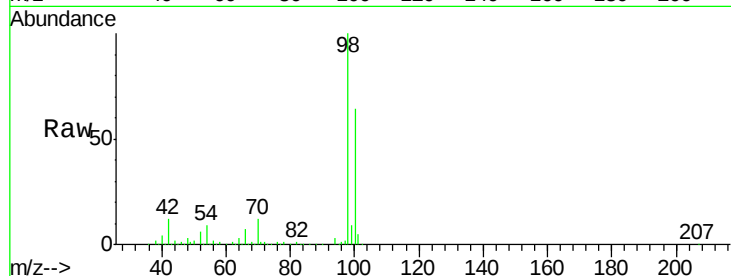
BP-VPB180-EB-20200416

Tgt Ion: 43 Resp: 1927

Ion Ratio Lower Upper

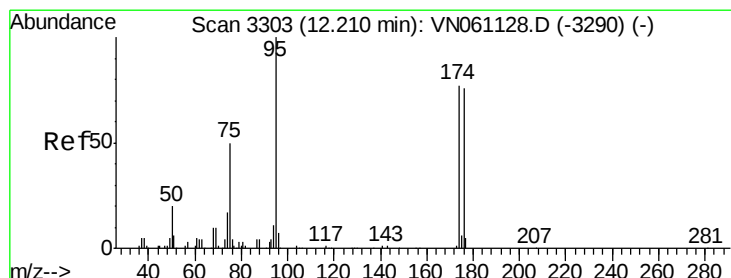
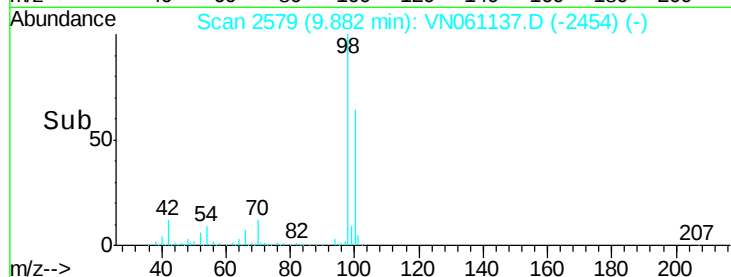
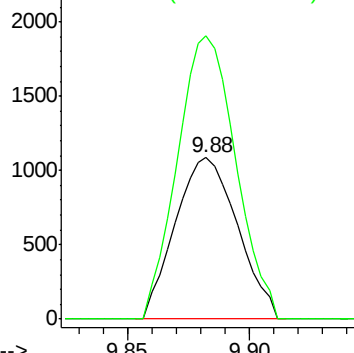
43 100

58 164.0 31.0 46.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 51.65 ug/l

RT: 12.21 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

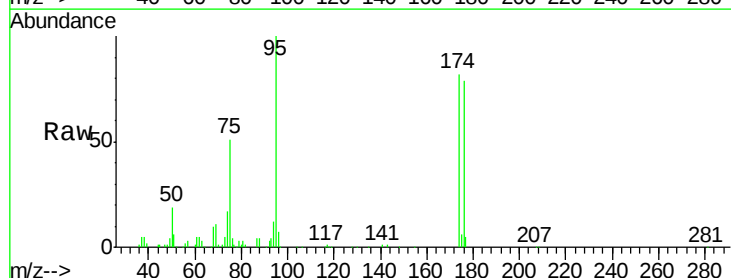
Tgt Ion: 95 Resp: 145599

Ion Ratio Lower Upper

95 100

174 81.1 0.0 157.6

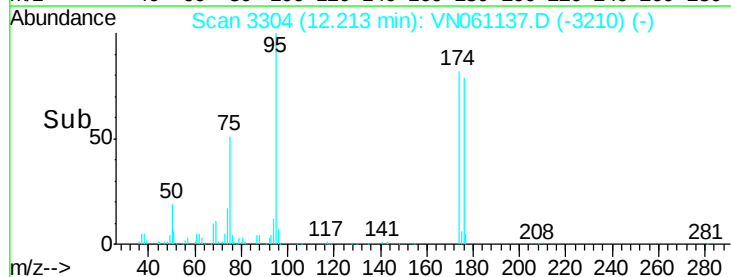
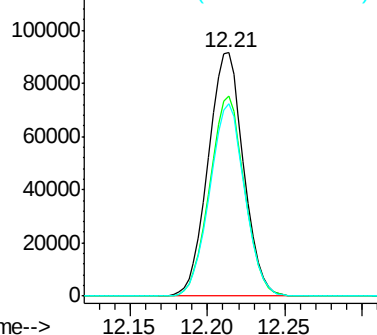
176 78.2 0.0 154.4

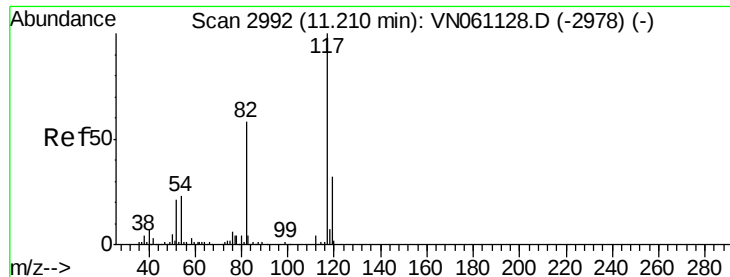


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.21 min Scan# 2992

Delta R.T. 0.00 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB180-EB-20200416

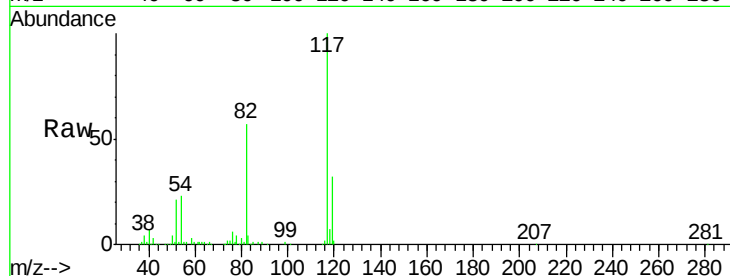
Tgt Ion:117 Resp: 291934

Ion Ratio Lower Upper

117 100

82 56.8 46.0 69.0

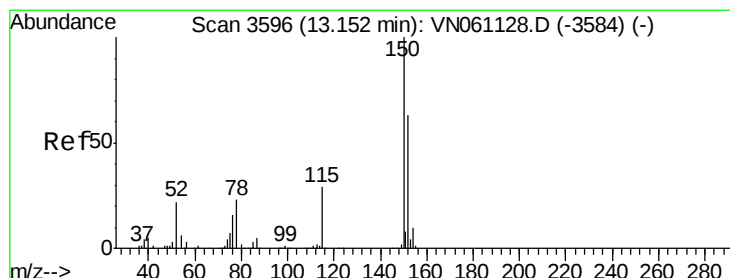
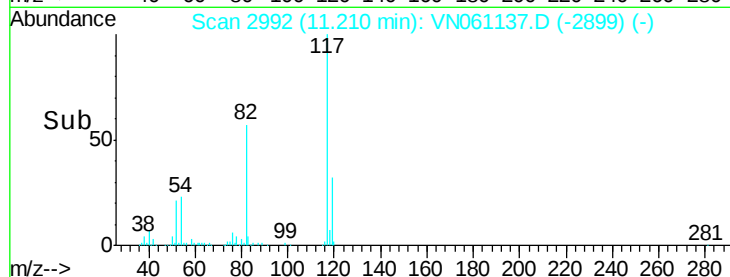
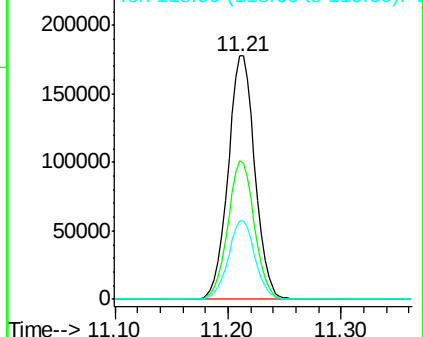
119 32.1 25.9 38.9



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061137.D

Acq: 22 Apr 2020 19:09

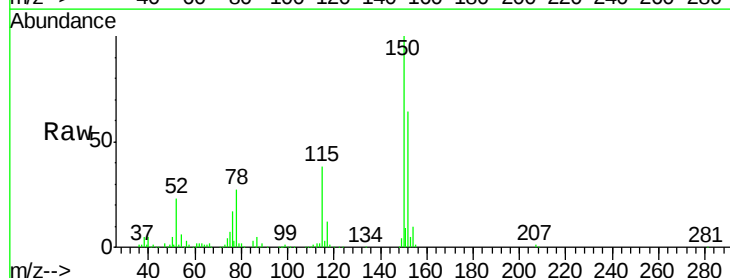
Tgt Ion:152 Resp: 141431

Ion Ratio Lower Upper

152 100

115 59.8 29.8 89.5

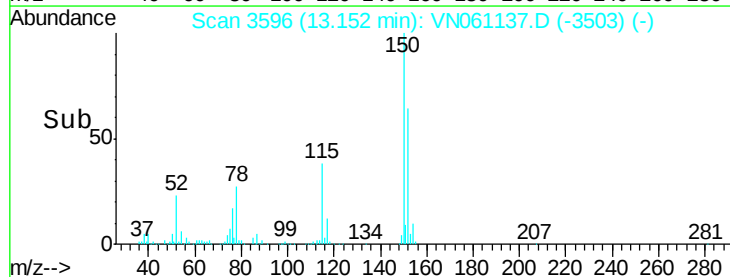
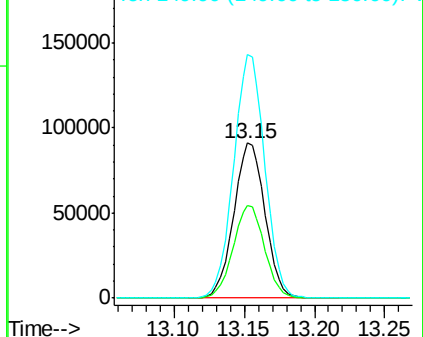
150 156.9 0.0 348.6

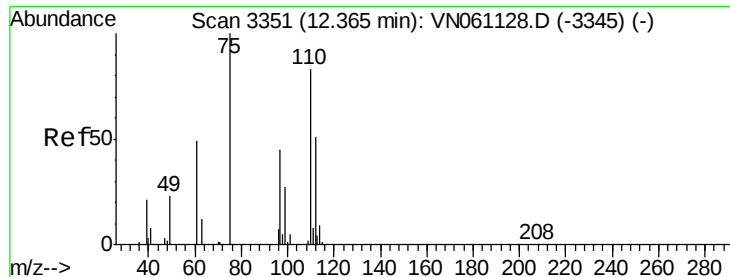


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

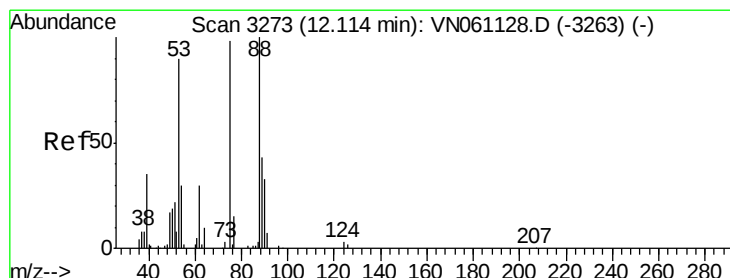
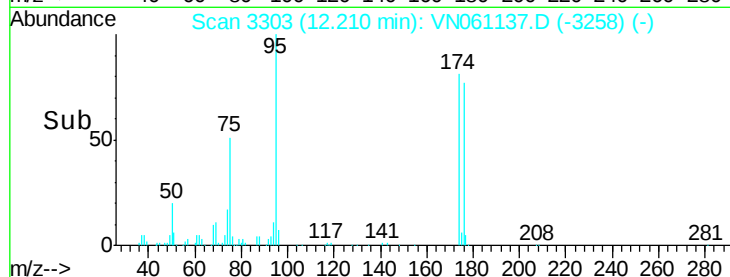
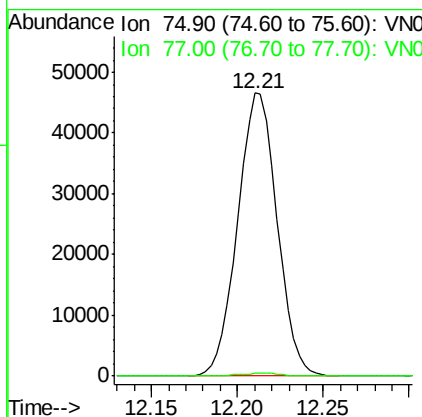
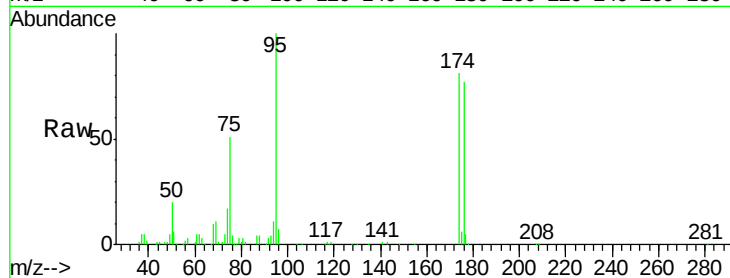




#76
 1,2,3-Trichloropropane
 Concen: 22.73 ug/l
 RT: 12.21 min Scan# 3303
 Delta R.T. -0.15 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB180-EB-20200416

Tgt Ion: 75 Resp: 74168
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.71 ug/l
 RT: 12.21 min Scan# 3303
 Delta R.T. 0.10 min
 Lab File: VN061137.D
 Acq: 22 Apr 2020 19:09

Tgt Ion: 75 Resp: 74168
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.3 111.5#
 89 0.0 36.6 55.0#

