

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067777.D
 Acq On : 24 Nov 2020 19:25
 Operator : VA/SY
 Sample : L4889-02
 Misc : 5.01G/5.00ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-798-800

Quant Time: Nov 25 03:15:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	157921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	251893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	226117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	94018	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	84457	55.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.00%
35) Dibromofluoromethane	7.92	113	79866	49.82	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.64%
50) Toluene-d8	10.34	98	264457	45.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.24%
62) 4-Bromofluorobenzene	12.64	95	81390	40.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.26%

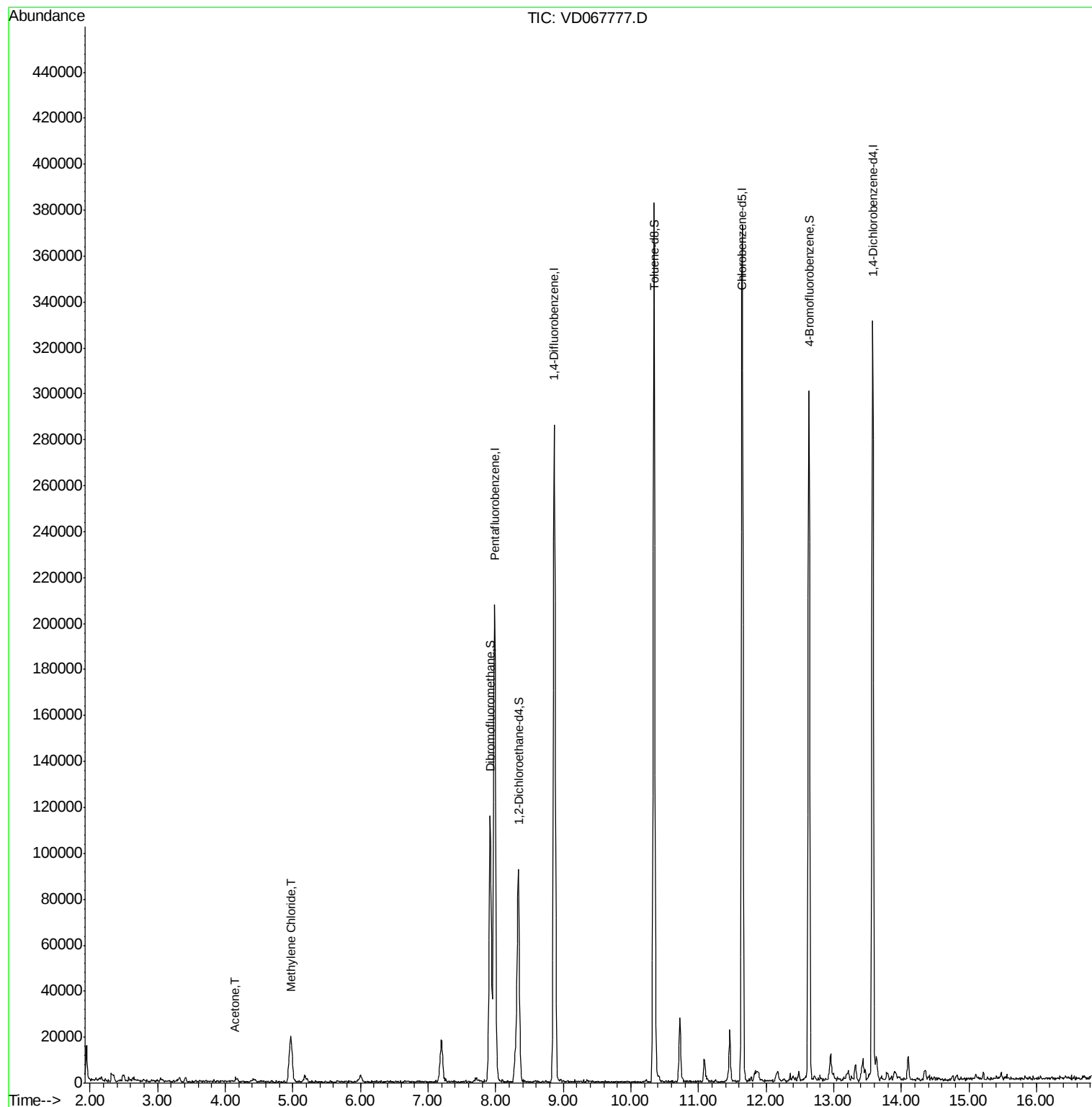
Target Compounds					Qvalue
16) Acetone	4.15	43	3299	16.631 ug/l #	86
20) Methylene Chloride	4.97	84	18488	5.934 ug/l	96

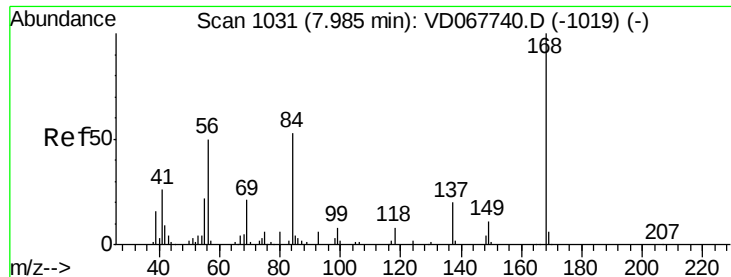
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

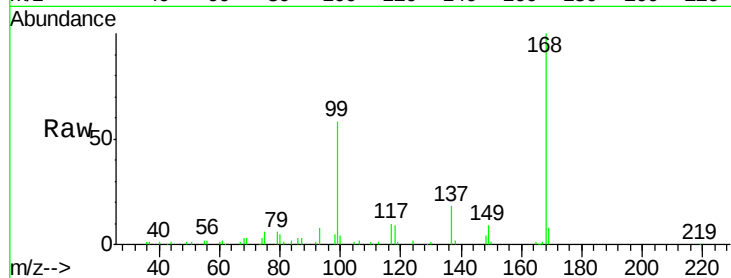
BP-VPB178-GW-798-800

Tot Ion:168 Resp: 157921

Ion Ratio Lower Upper

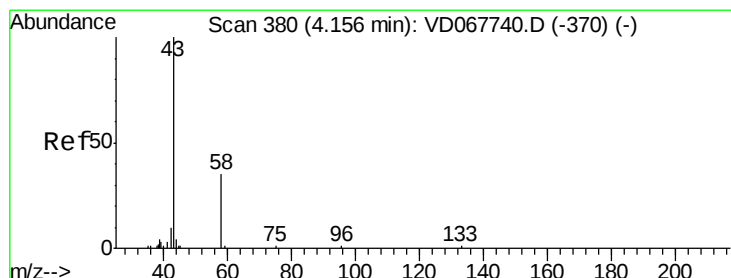
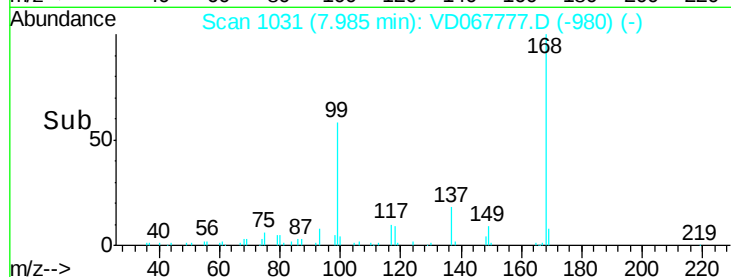
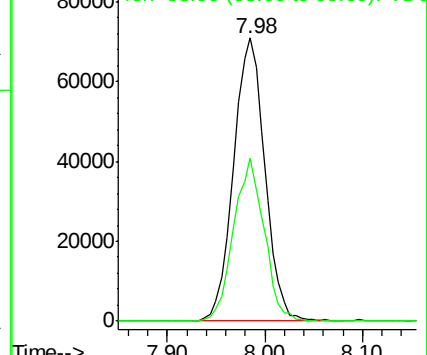
168 100

99 57.7 43.8 65.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 16.631 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067777.D

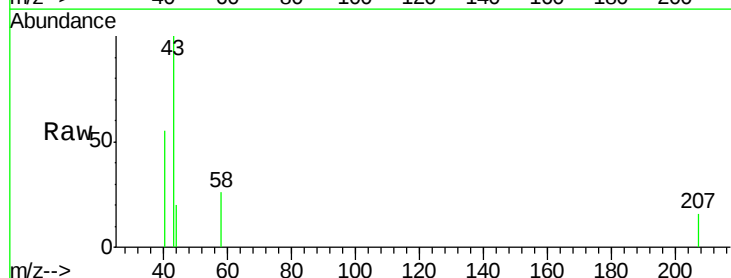
Acq: 24 Nov 2020 19:25

Tgt Ion: 43 Resp: 3299

Ion Ratio Lower Upper

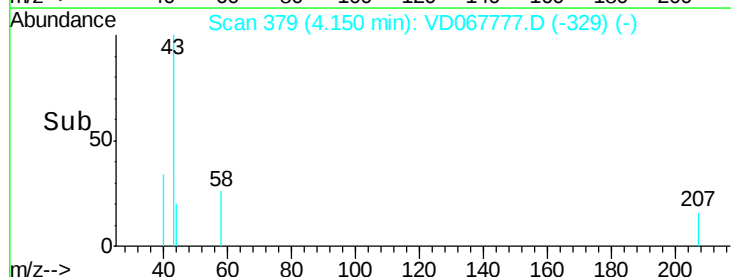
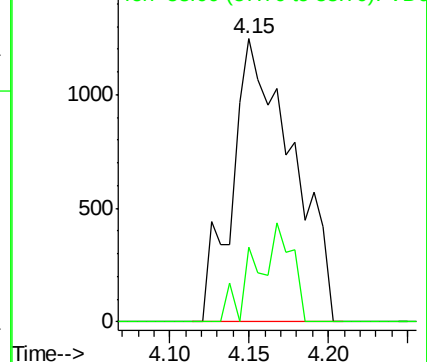
43 100

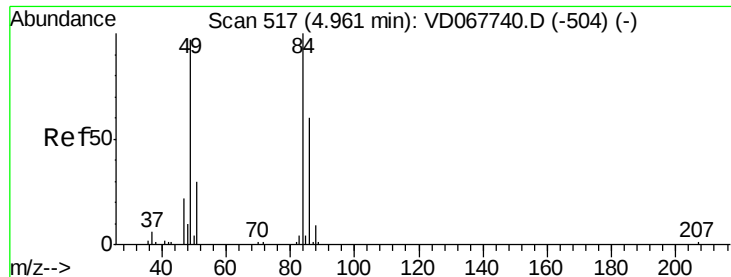
58 26.2 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

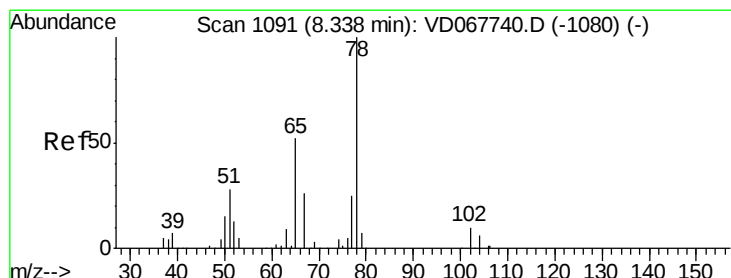
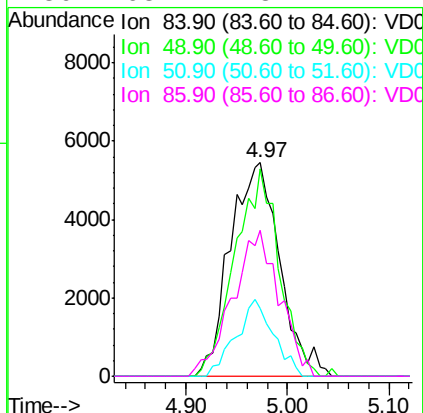
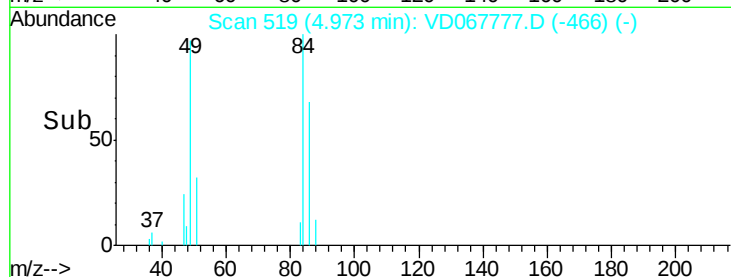
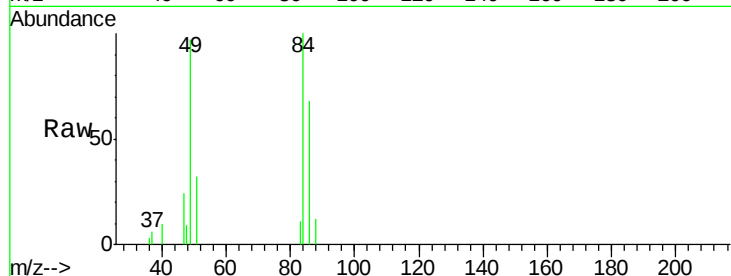




#20
Methvlene Chloride
Concen: 5.934 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067777.D
Acq: 24 Nov 2020 19:25

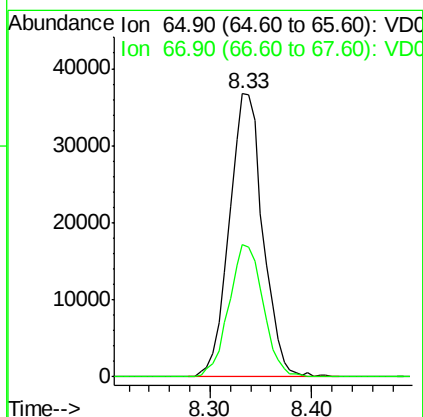
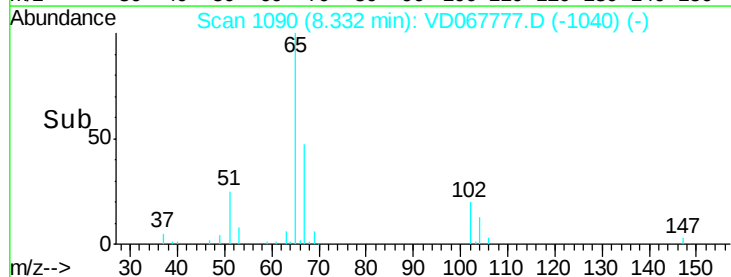
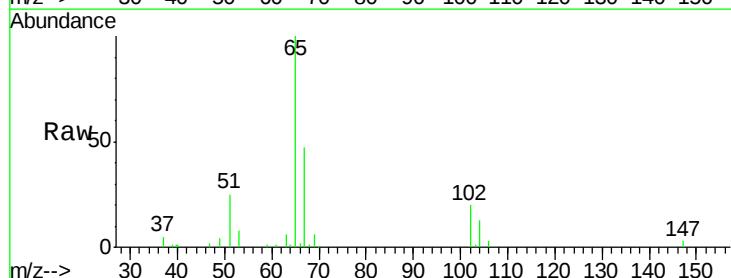
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-798-800

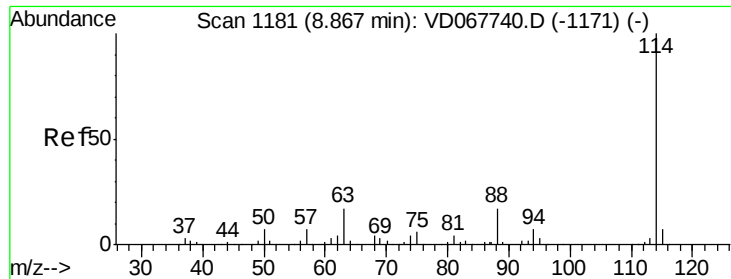
Tot Ion: 84 Resp: 18488
Ion Ratio Lower Upper
84 100
49 97.3 77.4 116.2
51 31.9 24.1 36.1
86 68.2 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 55.003 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067777.D
Acq: 24 Nov 2020 19:25

Tgt Ion: 65 Resp: 84457
Ion Ratio Lower Upper
65 100
67 47.7 0.0 101.0

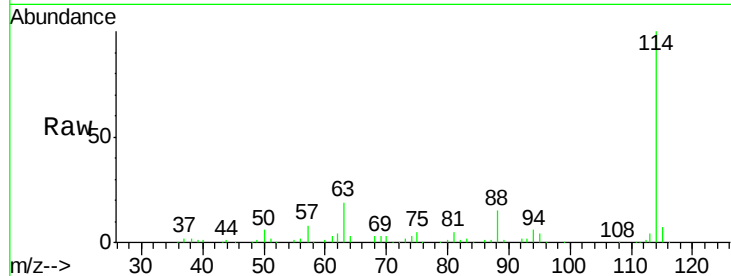




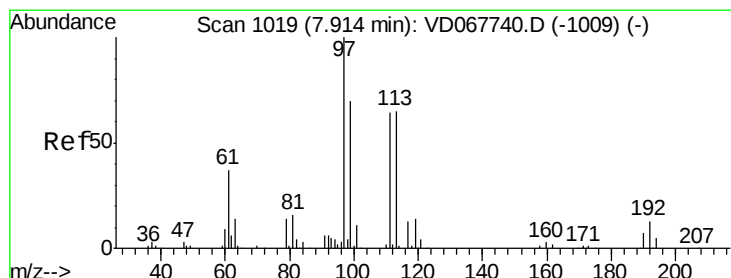
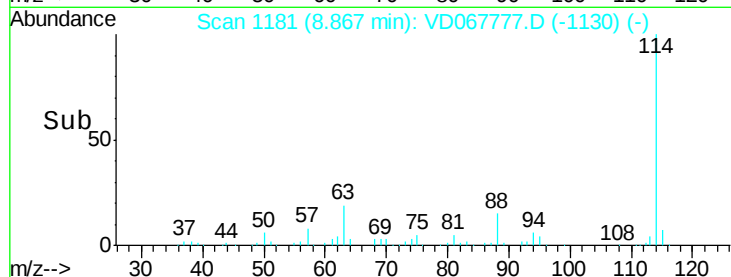
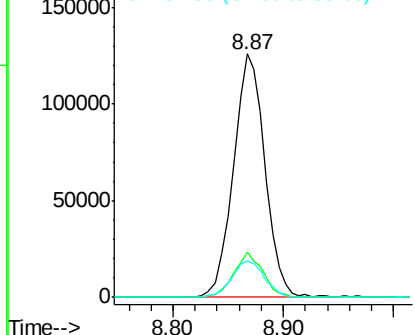
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067777.D
 Acq: 24 Nov 2020 19:25

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-798-800

Tot Ion:114 Resp: 251893
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.8
 88 15.1 0.0 34.4

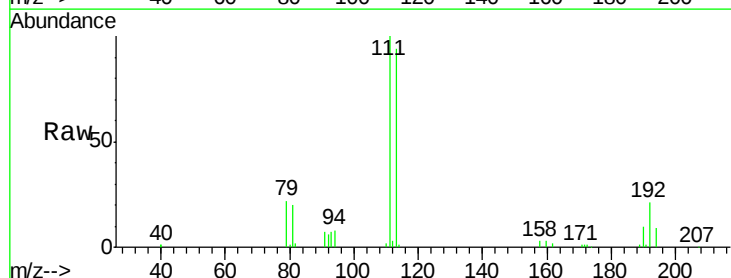


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

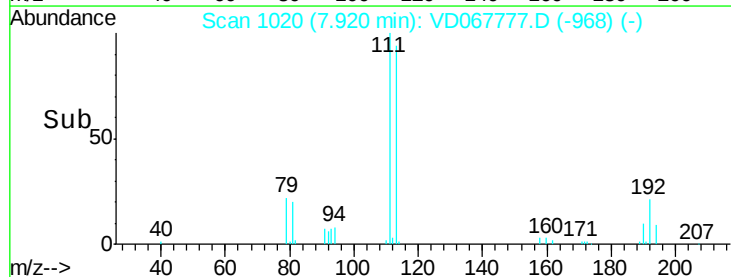
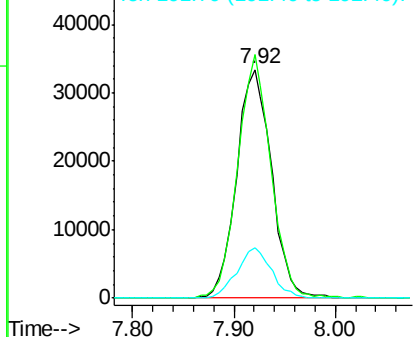


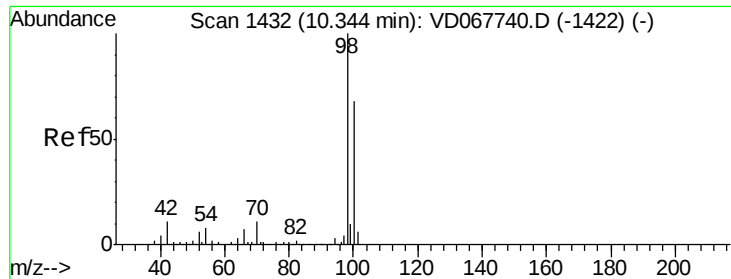
#35
 Dibromofluoromethane
 Concen: 49.822 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067777.D
 Acq: 24 Nov 2020 19:25

Tgt Ion:113 Resp: 79866
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.4 122.0
 192 21.8 17.0 25.4



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





#50

Toluene-d8

Concen: 45.123 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

Instrument :

MSVOA_D

ClientSampleId :

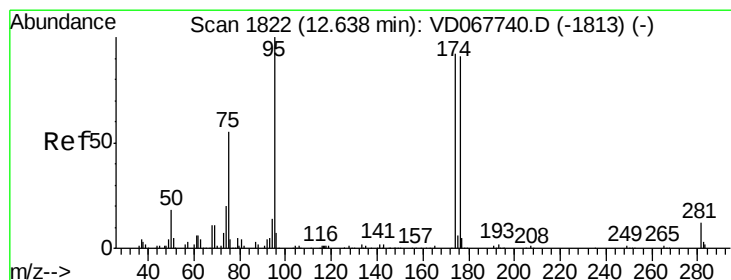
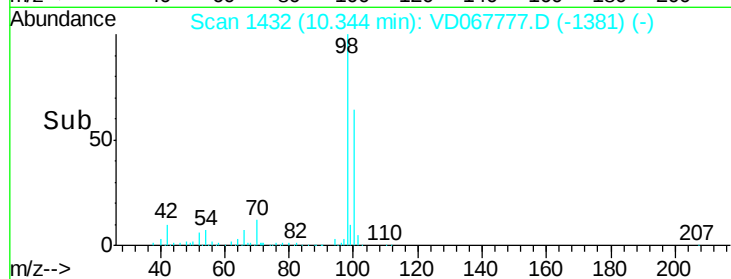
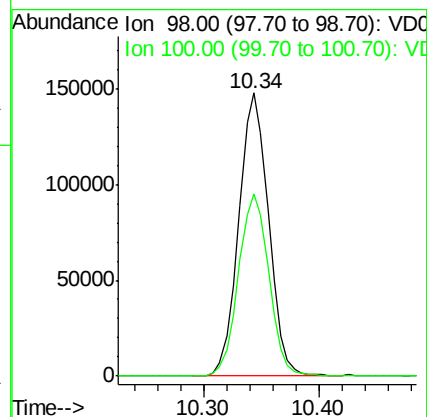
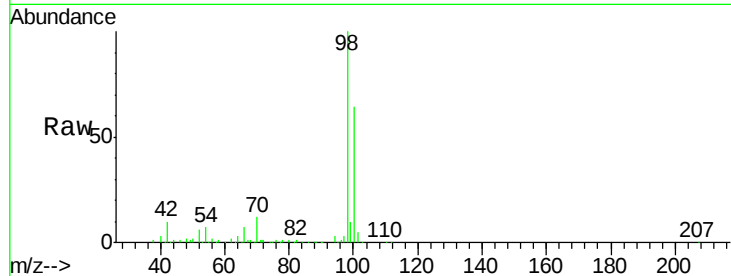
BP-VPB178-GW-798-800

Tot Ion: 98 Resp: 264457

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 40.629 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067777.D

Acq: 24 Nov 2020 19:25

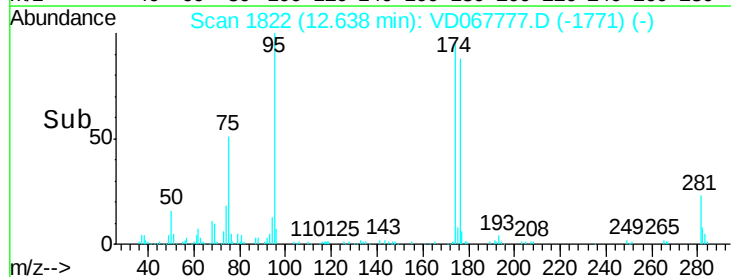
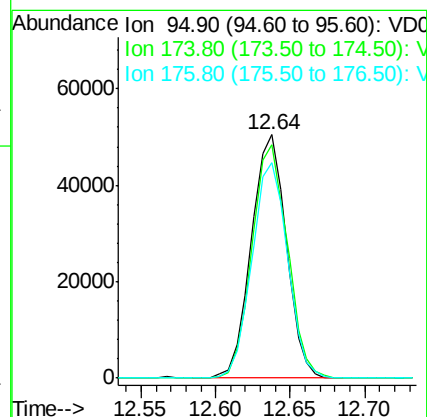
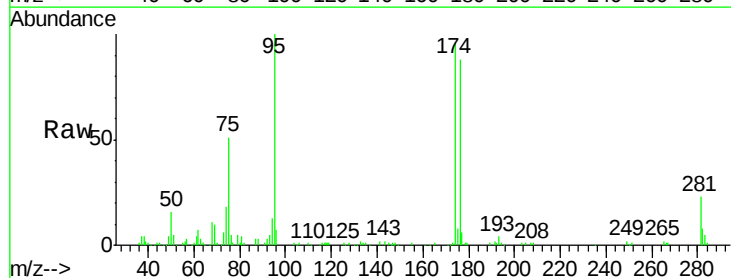
Tgt Ion: 95 Resp: 81390

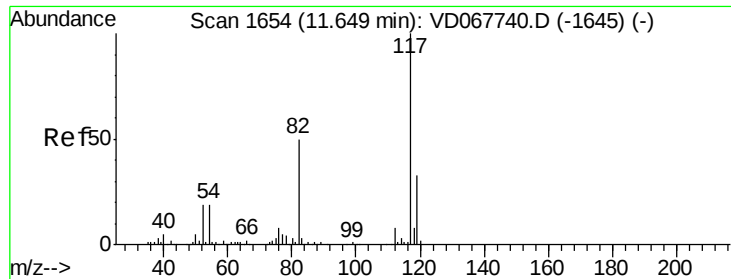
Ion Ratio Lower Upper

95 100

174 97.4 0.0 182.4

176 90.3 0.0 178.2

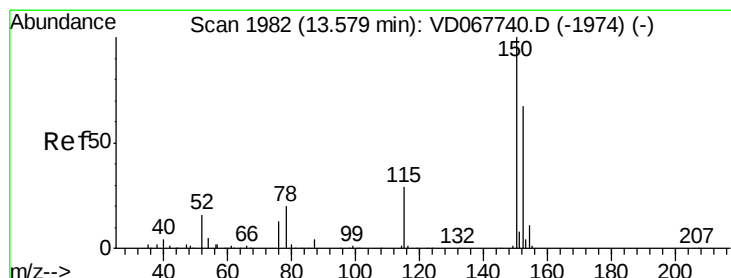
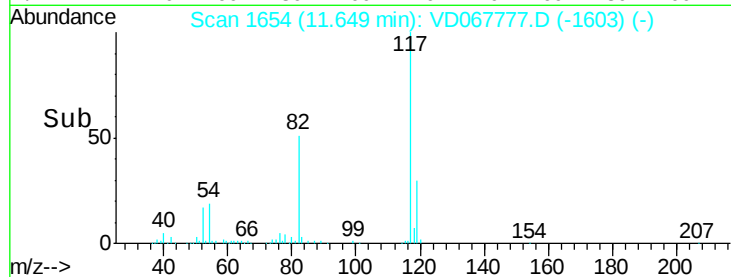
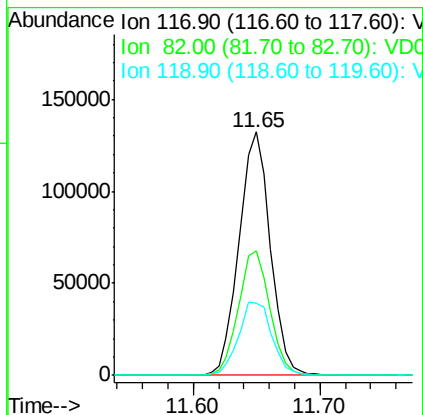
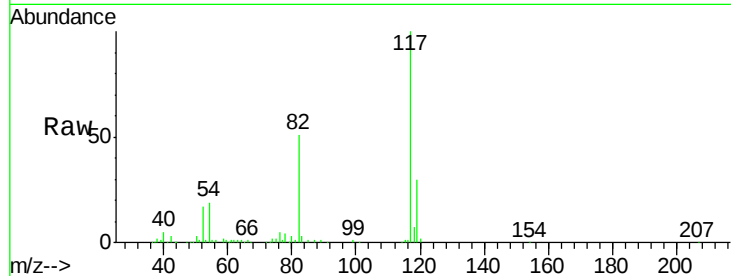




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067777.D
Acq: 24 Nov 2020 19:25

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-798-800

Tot Ion:117 Resp: 226117
Ion Ratio Lower Upper
117 100
82 51.4 40.2 60.4
119 29.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067777.D
Acq: 24 Nov 2020 19:25

Tgt Ion:152 Resp: 94018
Ion Ratio Lower Upper
152 100
115 57.8 29.4 88.3
150 154.5 0.0 340.6

