

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067786.D
 Acq On : 25 Nov 2020 14:48
 Operator : VA/SY
 Sample : L4889-01RE
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-768-770RE

Quant Time: Nov 26 02:05:56 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	7.99	168	169831	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	276602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	227191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	84441	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	81630	49.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.86%
35) Dibromofluoromethane	7.92	113	79588	45.21	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.42%
50) Toluene-d8	10.34	98	258188	40.12	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.24%
62) 4-Bromofluorobenzene	12.64	95	71990	32.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.46%

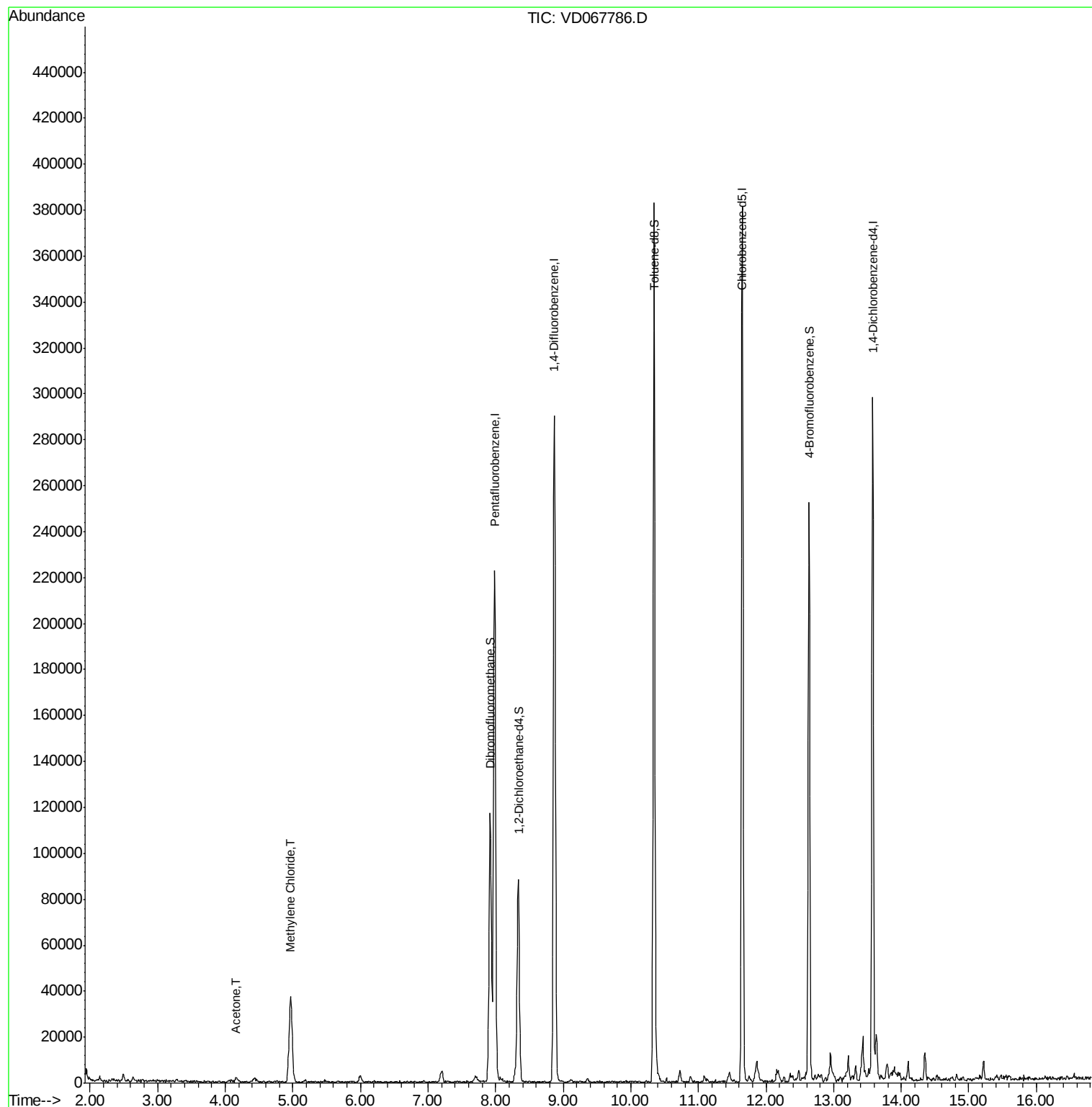
Target Compounds					Qvalue
16) Acetone	4.17	43	2848	13.350 ug/l	99
20) Methylene Chloride	4.97	84	32759	15.260 ug/l	96

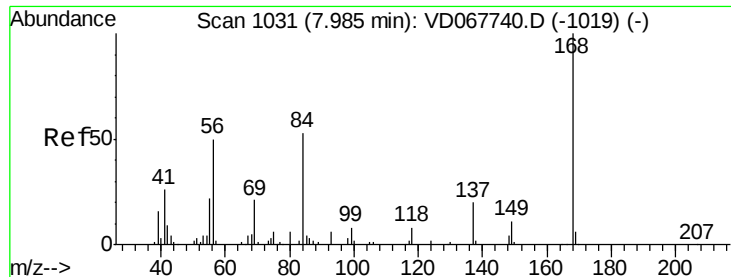
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067786.D

Acq: 25 Nov 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

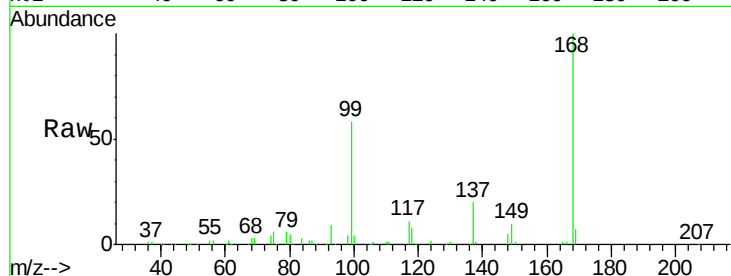
BP-VPB178-GW-768-770RE

Tot Ion:168 Resp: 169831

Ion Ratio Lower Upper

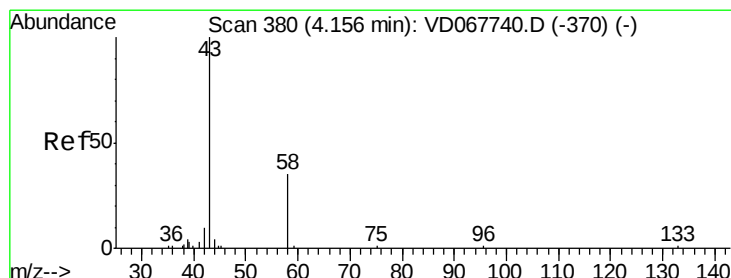
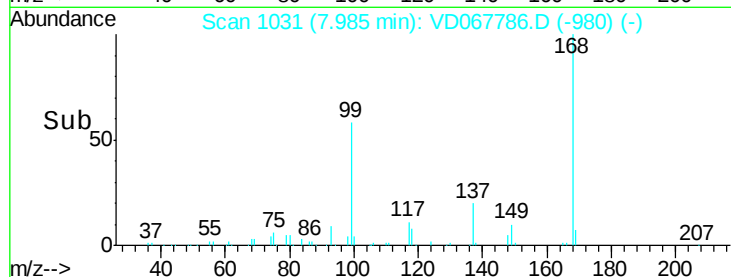
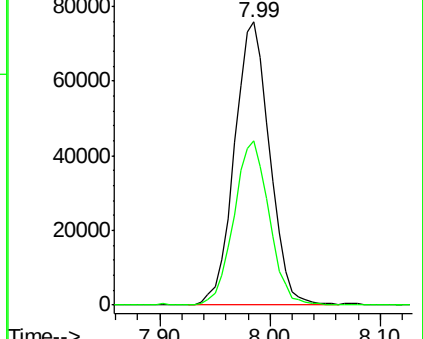
168 100

99 57.5 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: 13.350 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067786.D

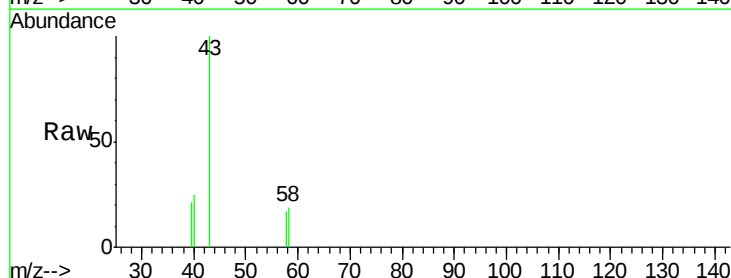
Acq: 25 Nov 2020 14:48

Tgt Ion: 43 Resp: 2848

Ion Ratio Lower Upper

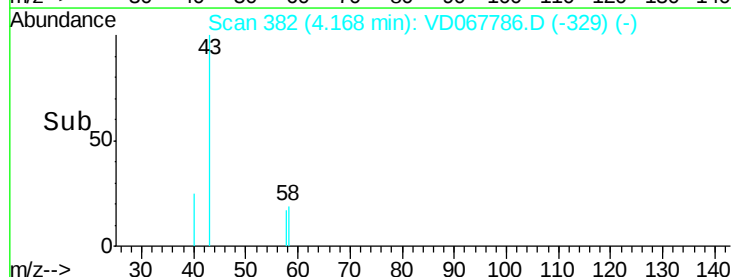
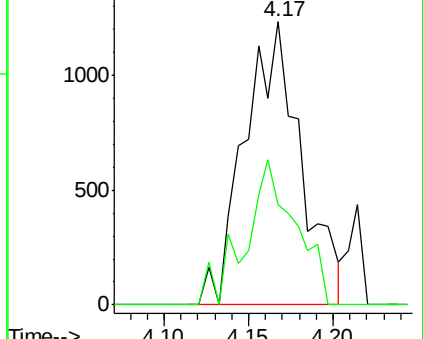
43 100

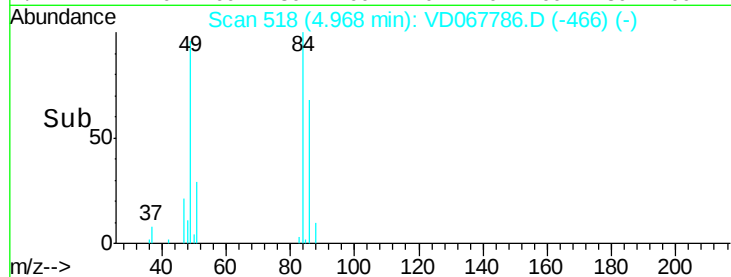
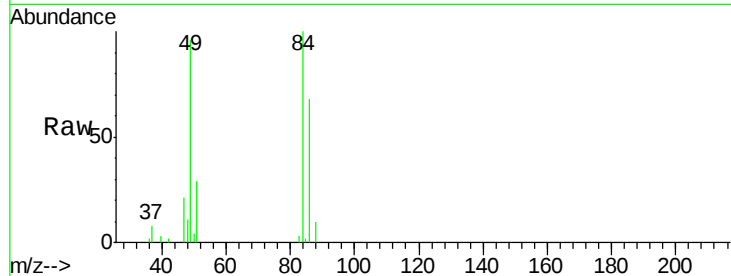
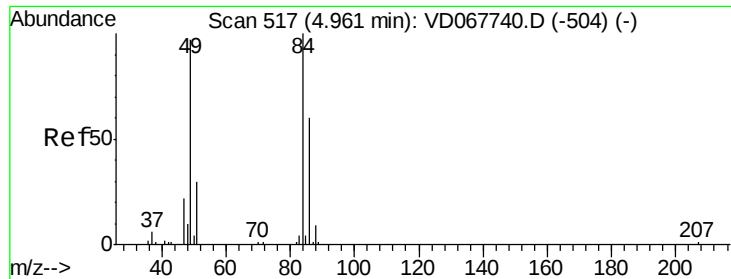
58 35.3 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

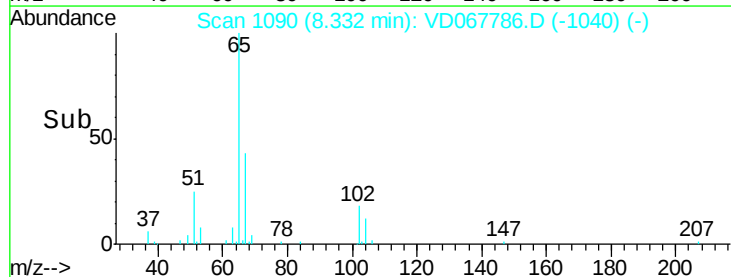
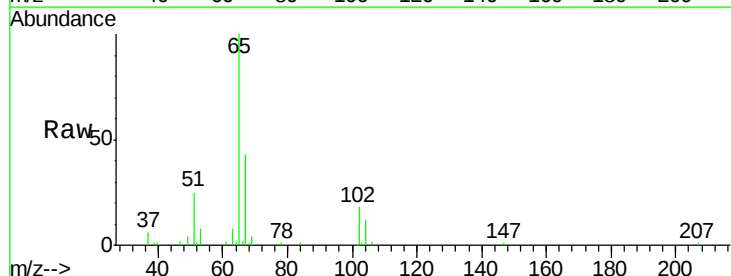
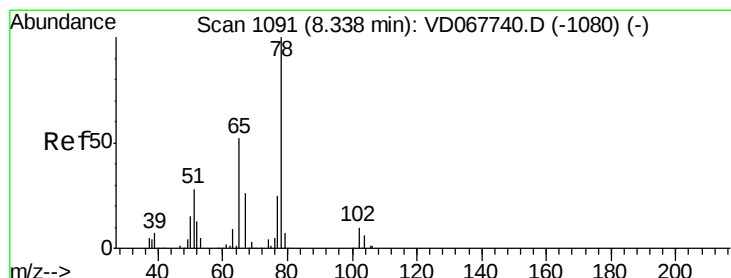
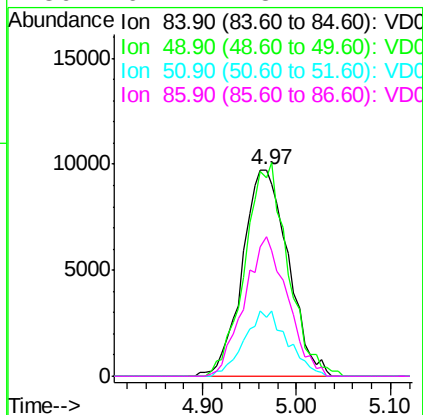




#20
Methylene Chloride
Concen: 15.260 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067786.D
Acq: 25 Nov 2020 14:48

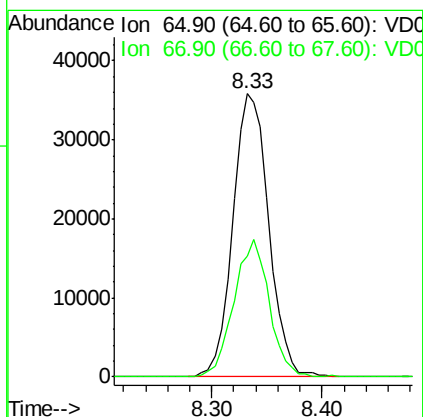
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-768-770RE

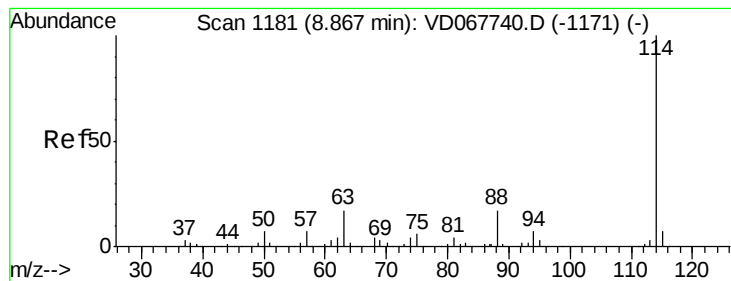
Tot Ion:	84	Resp:	32759
Ion	Ratio	Lower	Upper
84	100		
49	95.8	77.4	116.2
51	28.5	24.1	36.1
86	67.7	48.2	72.2



#33
1,2-Dichloroethane-d4
Concen: 49.434 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. -0.01 min
Lab File: VD067786.D
Acq: 25 Nov 2020 14:48

Tgt Ion:	65	Resp:	81630
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# 1182

Delta R.T. 0.01 min

Lab File: VD067786.D

Acq: 25 Nov 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-768-770RE

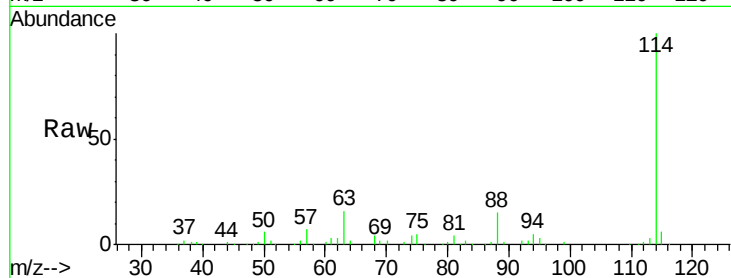
Tot Ion:114 Resp: 276602

Ion Ratio Lower Upper

114 100

63 15.6 0.0 34.8

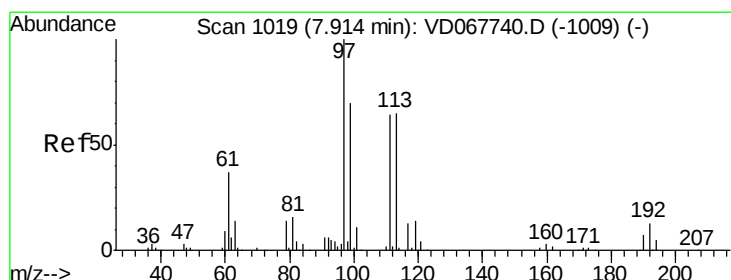
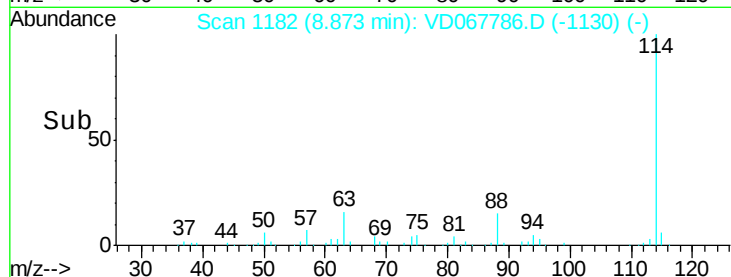
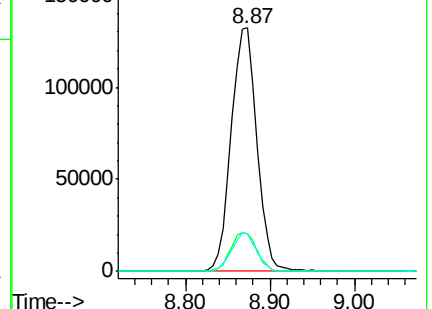
88 15.2 0.0 34.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 45.213 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067786.D

Acq: 25 Nov 2020 14:48

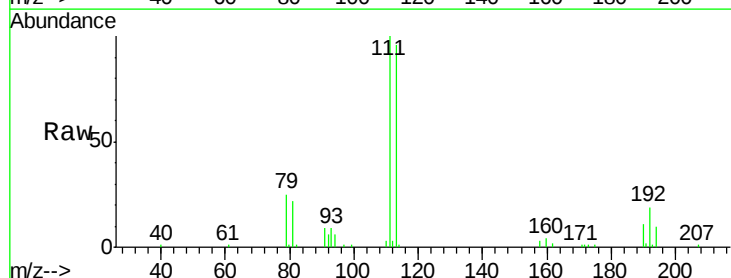
Tgt Ion:113 Resp: 79588

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

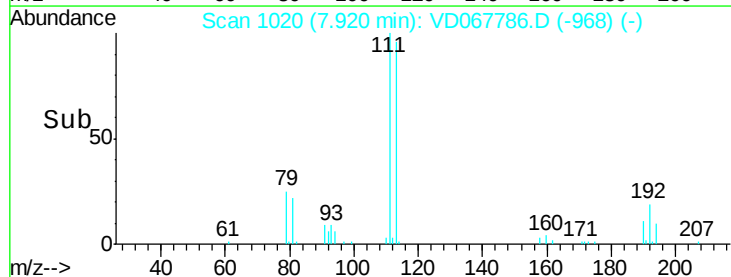
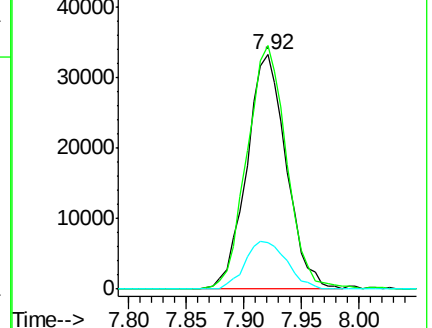
192 21.5 17.0 25.4

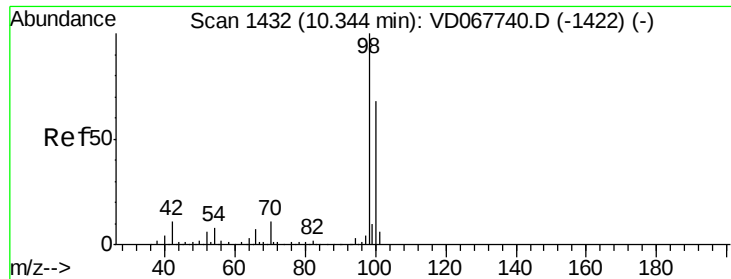


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 40.118 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067786.D

Acq: 25 Nov 2020 14:48

Instrument :

MSVOA_D

ClientSampleId :

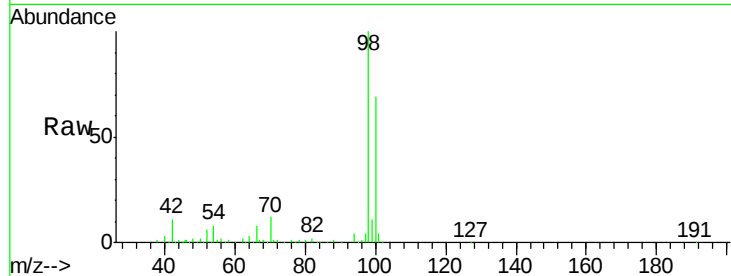
BP-VPB178-GW-768-770RE

Tot Ion: 98 Resp: 258188

Ion Ratio Lower Upper

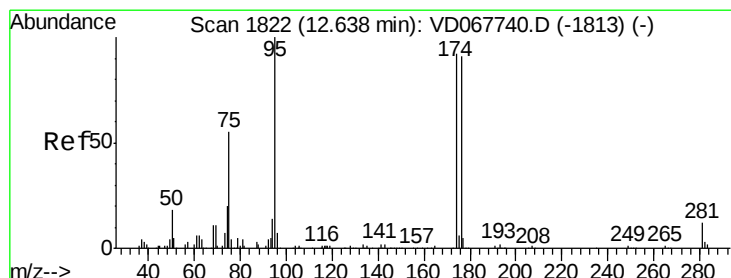
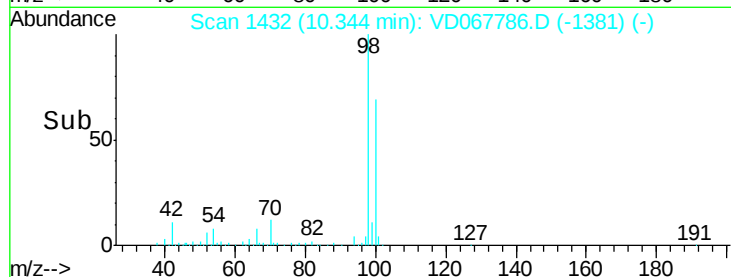
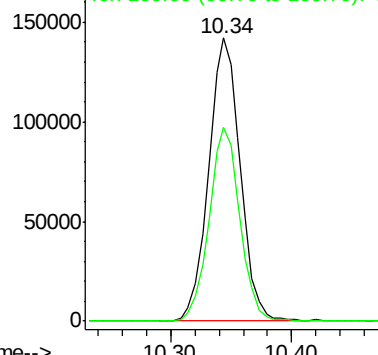
98 100

100 67.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VD0

Ion 100.00 (99.70 to 100.70): VD



#62

4-Bromofluorobenzene

Concen: 32.726 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067786.D

Acq: 25 Nov 2020 14:48

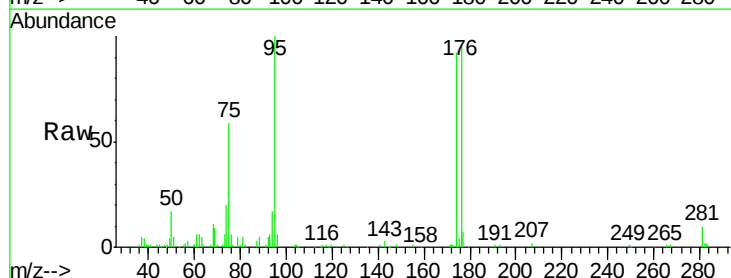
Tgt Ion: 95 Resp: 71990

Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.4

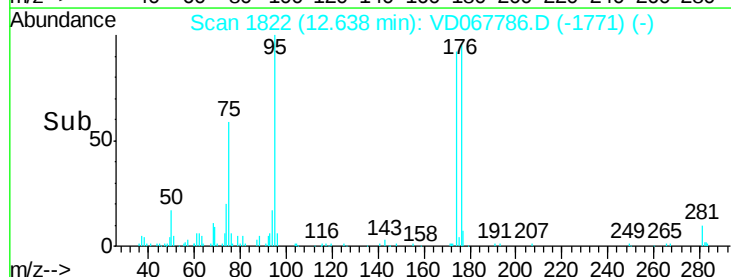
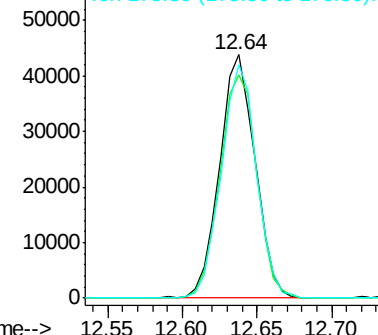
176 94.6 0.0 178.2

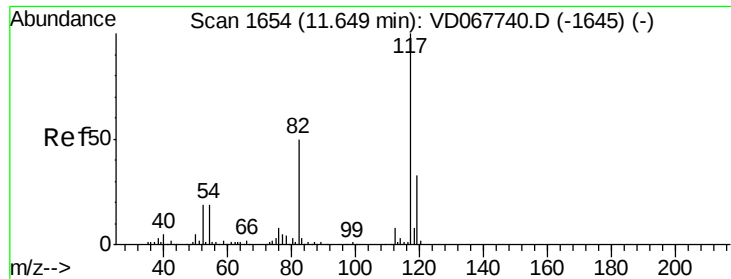


Abundance Ion 94.90 (94.60 to 95.60): VD0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

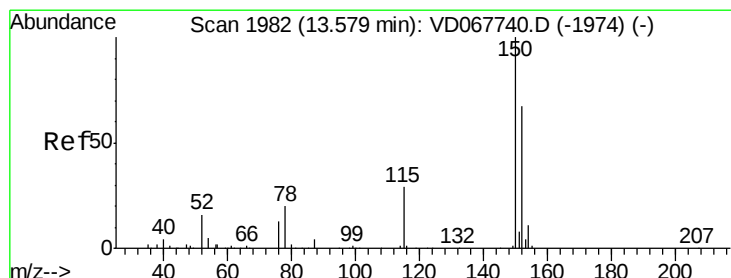
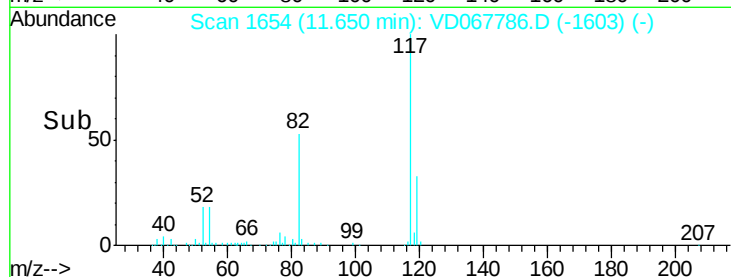
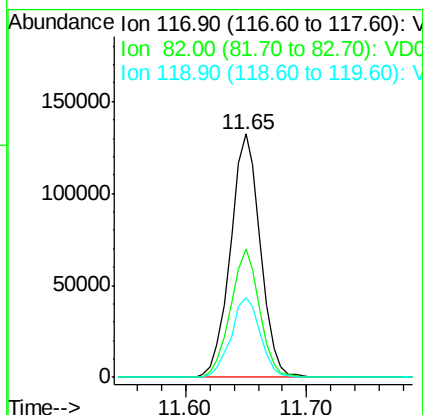
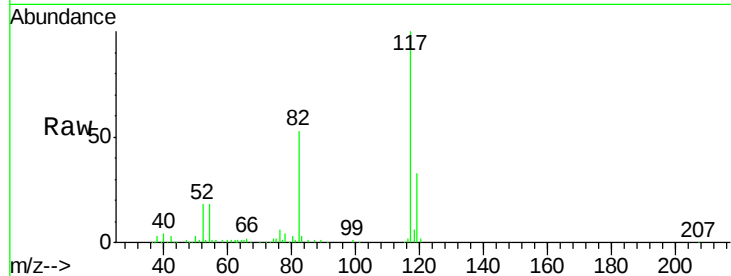




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067786.D
Acq: 25 Nov 2020 14:48

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-768-770RE

Tot Ion:117 Resp: 227191
Ion Ratio Lower Upper
117 100
82 52.6 40.2 60.4
119 32.7 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: VD067786.D
Acq: 25 Nov 2020 14:48

Tgt Ion:152 Resp: 84441
Ion Ratio Lower Upper
152 100
115 57.9 29.4 88.3
150 153.7 0.0 340.6

