

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112520\
 Data File : VD067787.D
 Acq On : 25 Nov 2020 15:15
 Operator : VA/SY
 Sample : L4889-03RE
 Misc : 4.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-818-820RE

Quant Time: Nov 26 02:09:46 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	7.99	168	75483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	112190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	34030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	4147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	52887	72.06	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.12%
35) Dibromofluoromethane	7.91	113	50156	70.25	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.50%
50) Toluene-d8	10.34	98	77056	29.52	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	59.04%
62) 4-Bromofluorobenzene	12.64	95	5665	6.35	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	12.70%#

Target Compounds

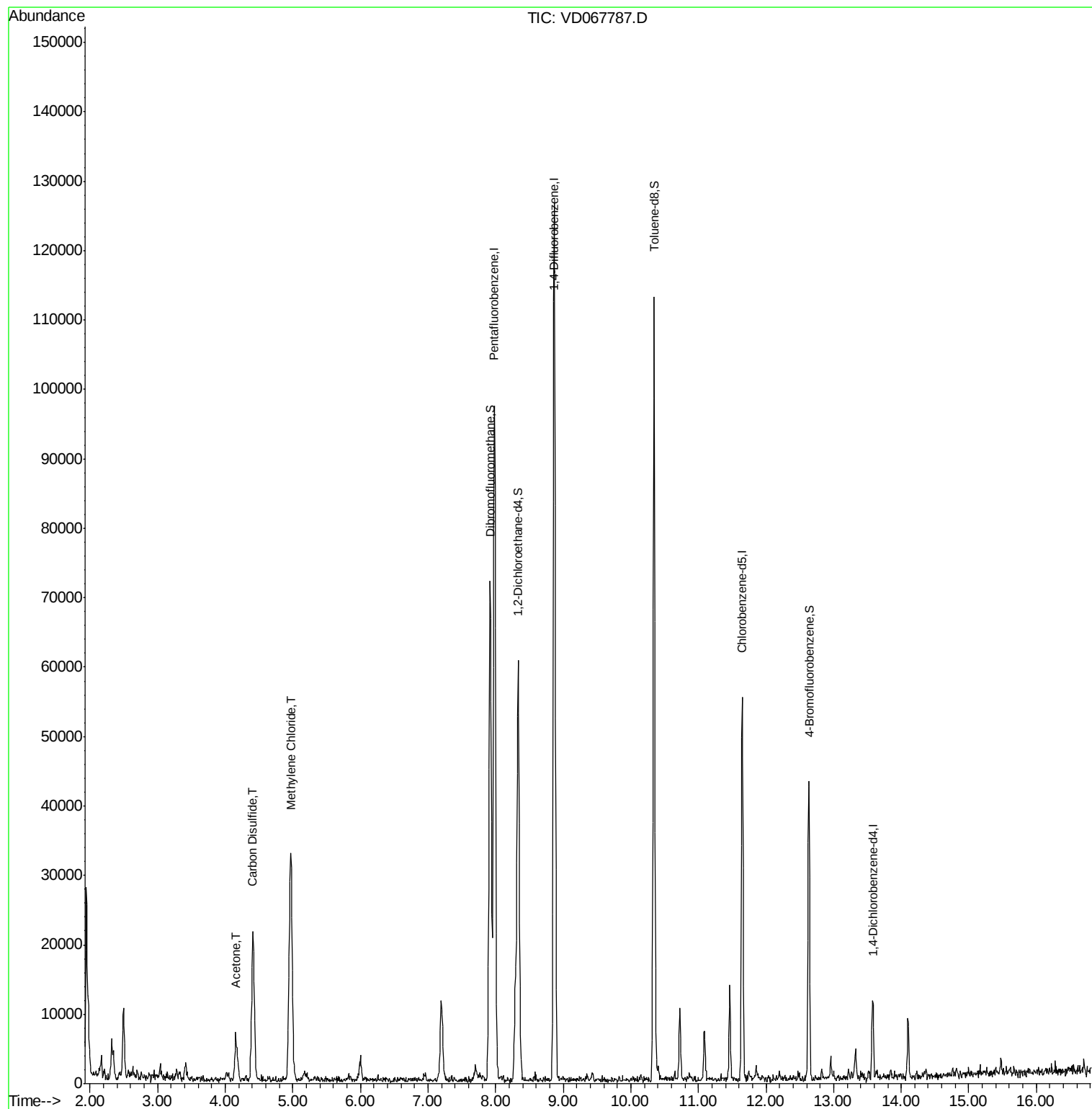
					Qvalue
16) Acetone	4.15	43	11708	123.483	ug/l # 67
17) Carbon Disulfide	4.41	76	46589	25.997	ug/l 98
20) Methylene Chloride	4.97	84	28665	38.244	ug/l 88

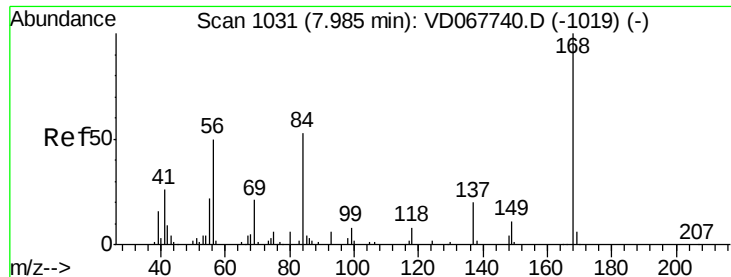
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
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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: VD067787.D

Acq: 25 Nov 2020 15:15

Instrument :

MSVOA_D

ClientSampleId :

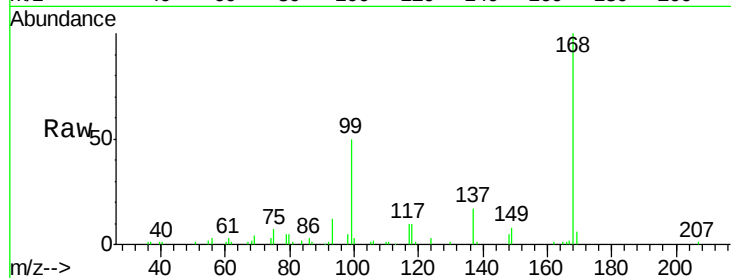
BP-VPB178-GW-818-820RE

Tot Ion:168 Resp: 75483

Ion Ratio Lower Upper

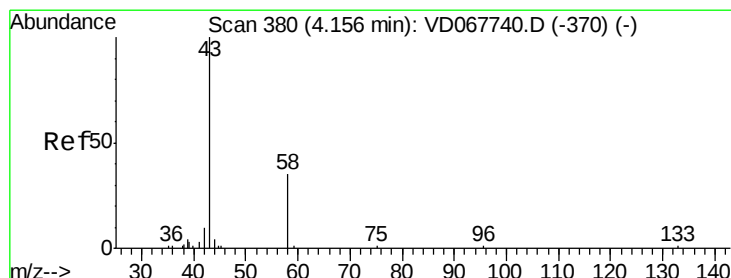
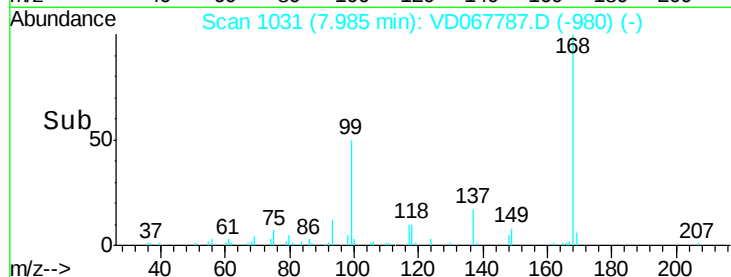
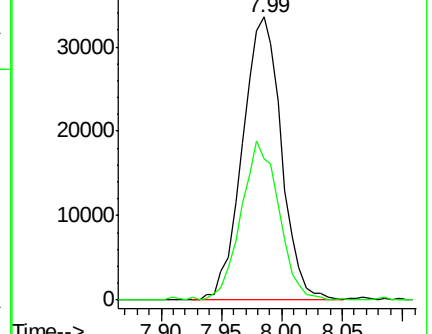
168 100

99 49.2 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: 123.483 ug/l

RT: 4.15 min Scan# 379

Delta R.T. -0.01 min

Lab File: VD067787.D

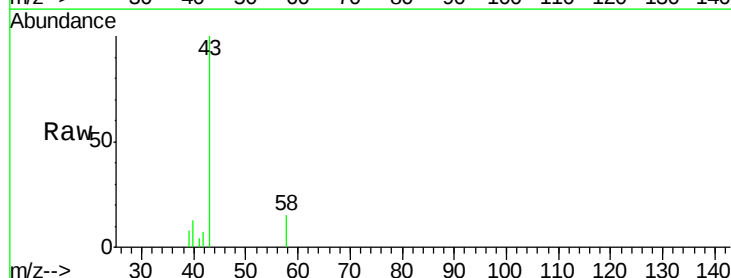
Acq: 25 Nov 2020 15:15

Tgt Ion: 43 Resp: 11708

Ion Ratio Lower Upper

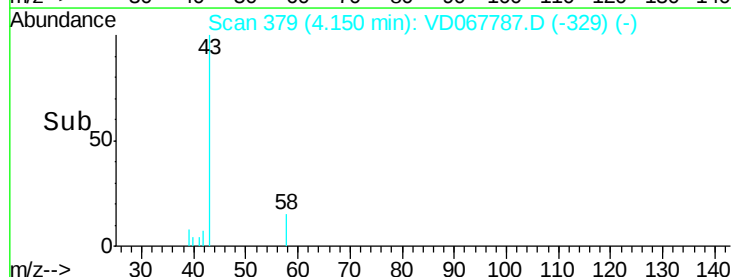
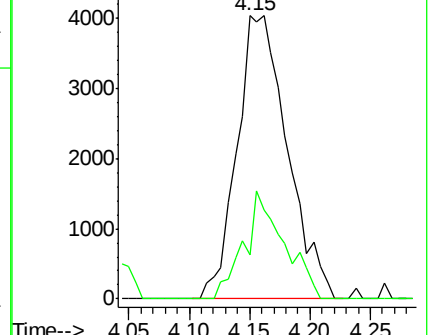
43 100

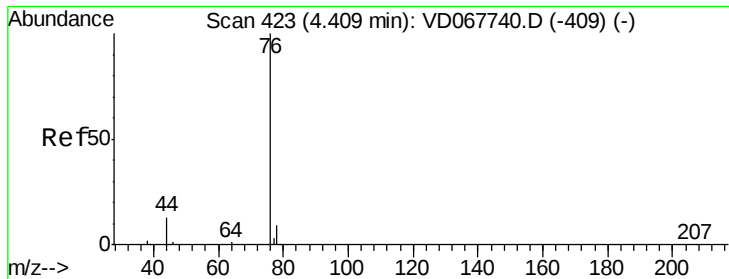
58 15.5 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

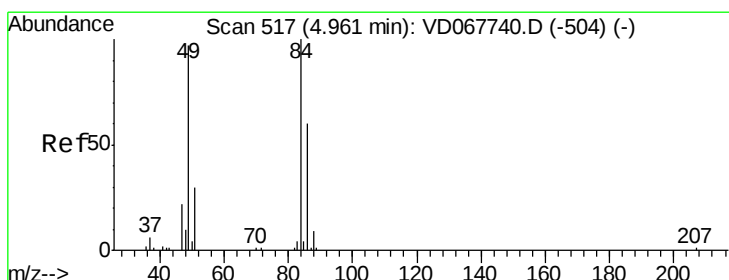
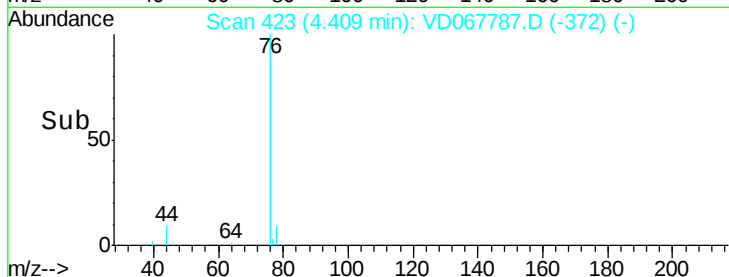
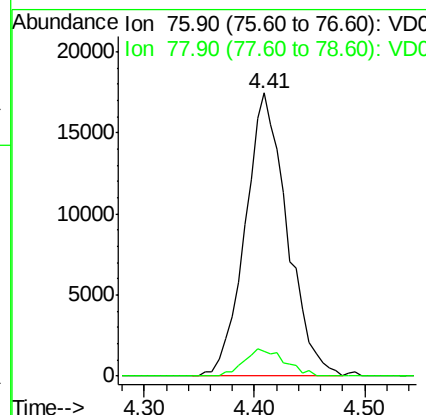
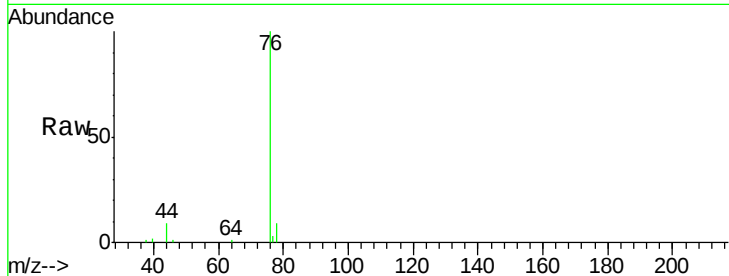




#17
Carbon Disulfide
Concen: 25.997 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067787.D
Acq: 25 Nov 2020 15:15

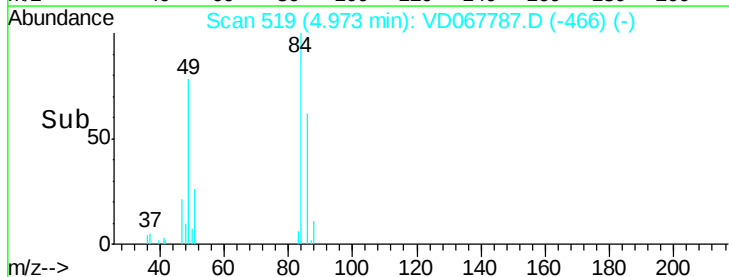
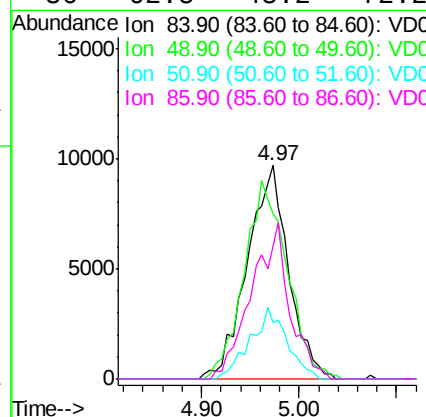
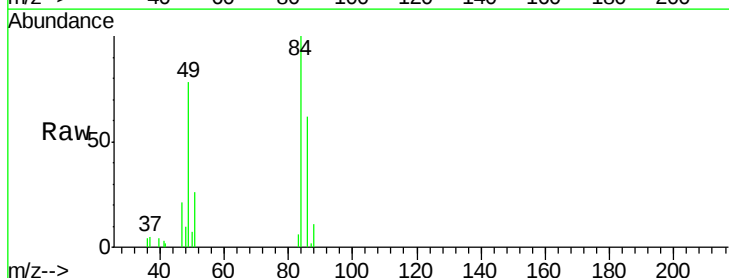
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-818-820RE

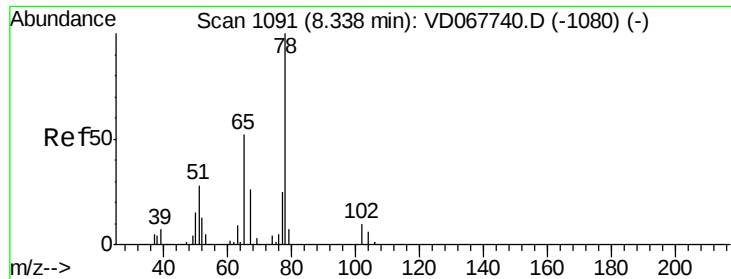
Tot Ion: 76 Resp: 46589
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#20
Methylene Chloride
Concen: 38.244 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD067787.D
Acq: 25 Nov 2020 15:15

Tgt Ion: 84 Resp: 28665
Ion Ratio Lower Upper
84 100
49 77.6 77.4 116.2
51 26.5 24.1 36.1
86 62.5 48.2 72.2

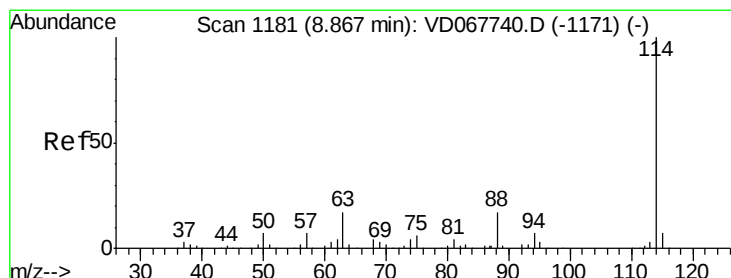
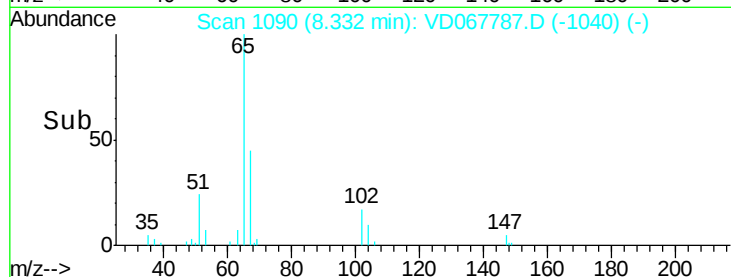
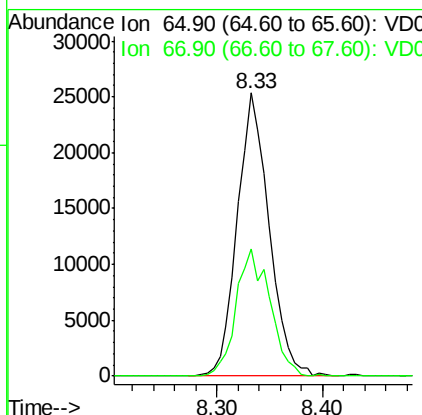
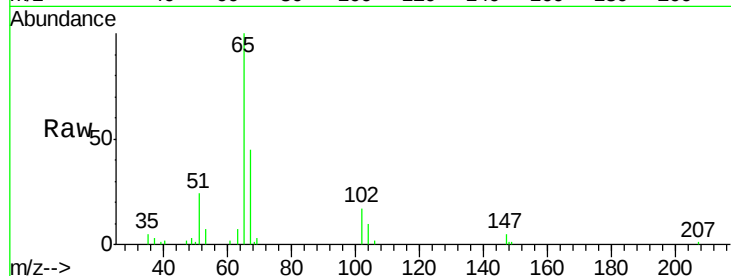




#33
 1,2-Dichloroethane-d4
 Concen: 72.060 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067787.D
 Acq: 25 Nov 2020 15:15

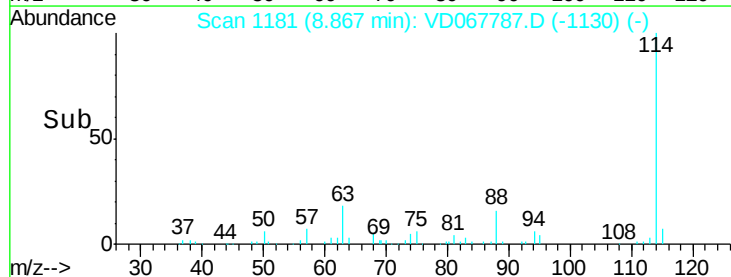
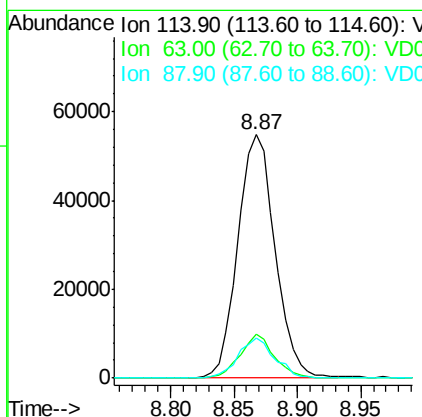
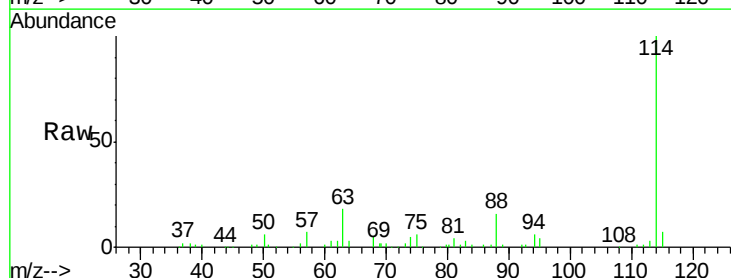
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-818-820RE

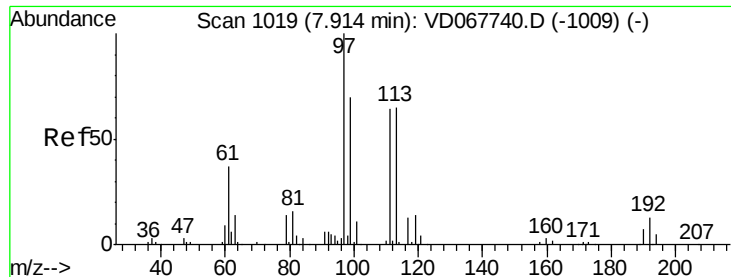
Tot Ion: 65 Resp: 52887
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067787.D
 Acq: 25 Nov 2020 15:15

Tgt Ion: 114 Resp: 112190
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.8
 88 16.2 0.0 34.4

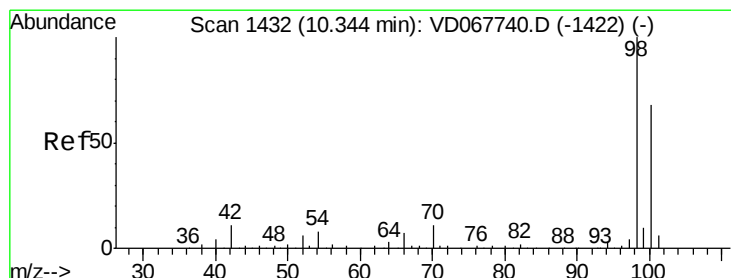
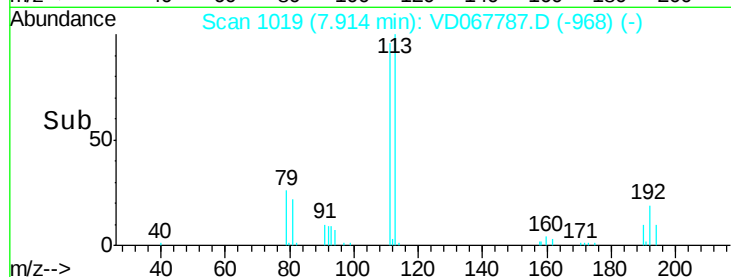
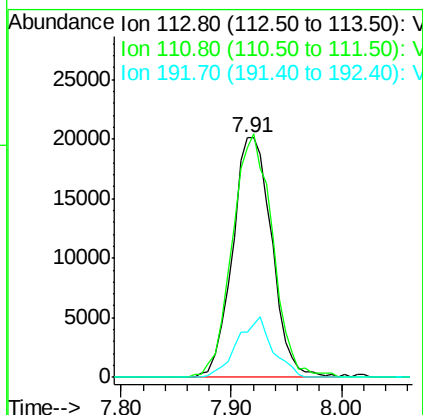
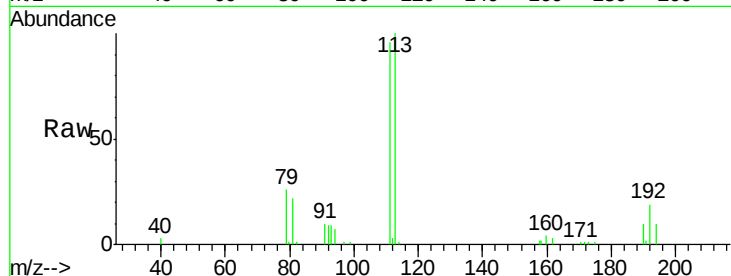




#35
Dibromofluoromethane
Concen: 70.249 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067787.D
Acq: 25 Nov 2020 15:15

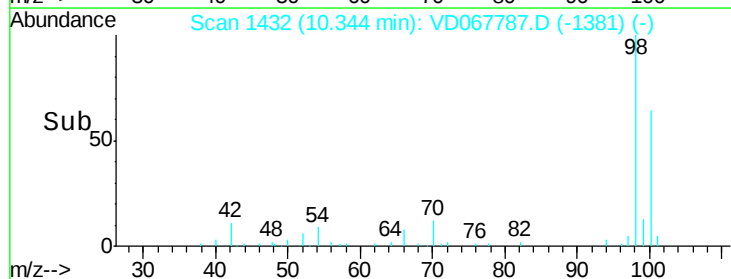
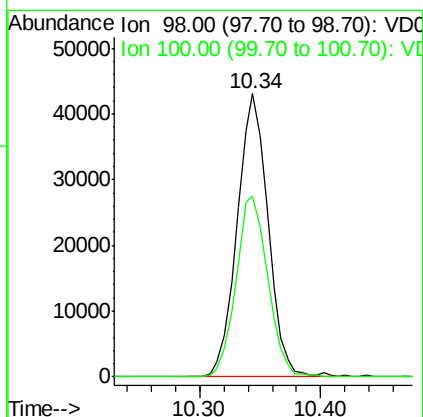
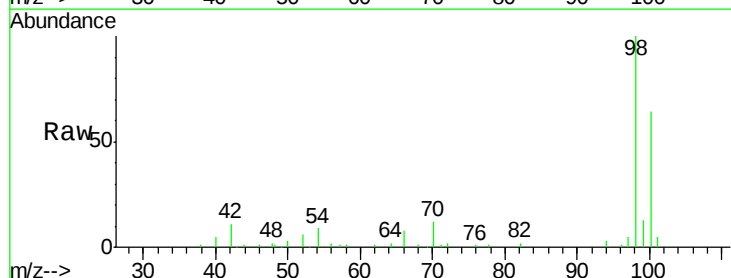
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-818-820RE

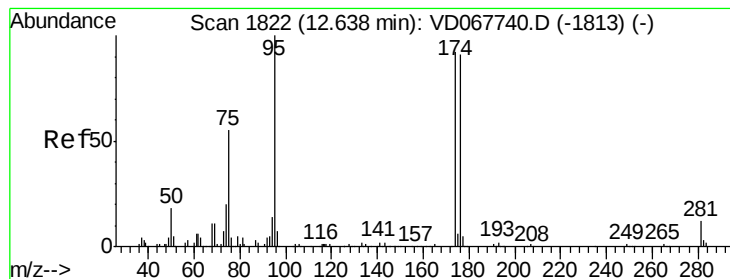
Tot Ion:113 Resp: 50156
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 22.8 17.0 25.4



#50
Toluene-d8
Concen: 29.519 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067787.D
Acq: 25 Nov 2020 15:15

Tgt Ion: 98 Resp: 77056
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 6.349 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067787.D

Acq: 25 Nov 2020 15:15

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-818-820RE

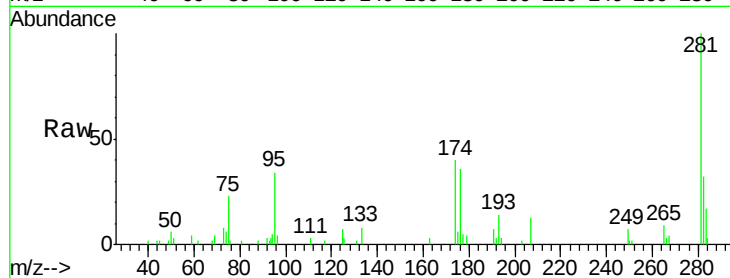
Tot Ion: 95 Resp: 5665

Ion Ratio Lower Upper

95 100

174 98.9 0.0 182.4

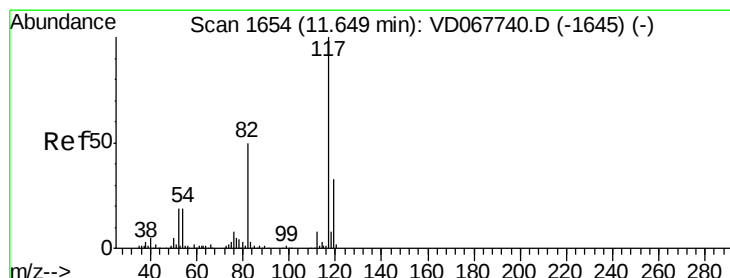
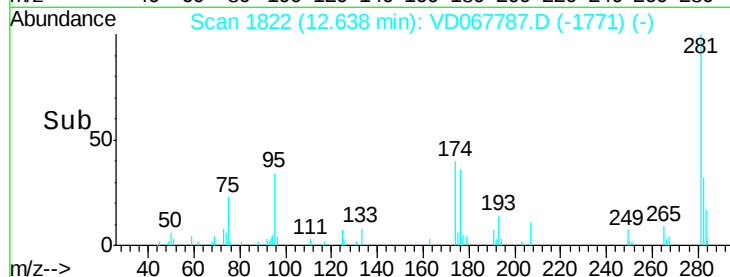
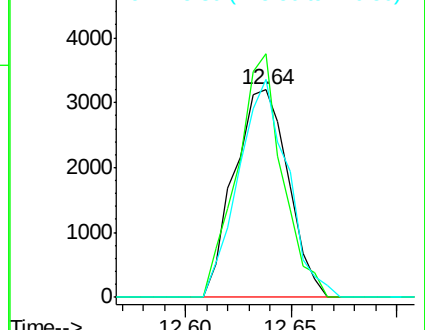
176 95.7 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): V

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: VD067787.D

Acq: 25 Nov 2020 15:15

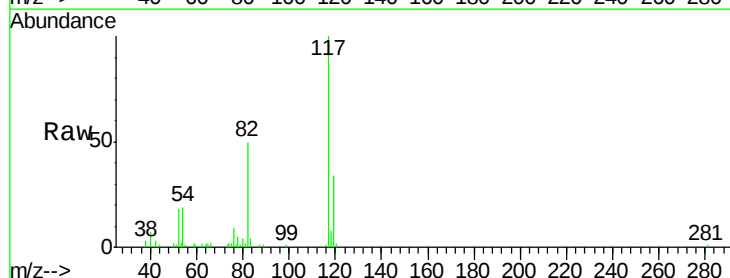
Tgt Ion: 117 Resp: 34030

Ion Ratio Lower Upper

117 100

82 49.9 40.2 60.4

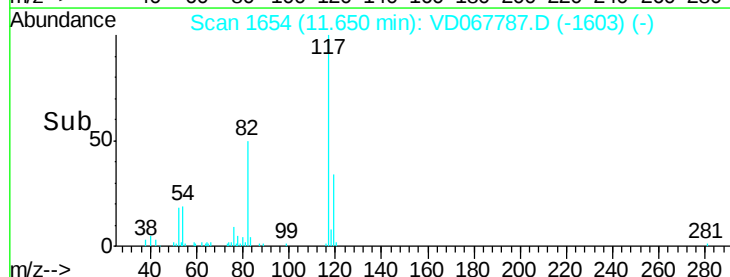
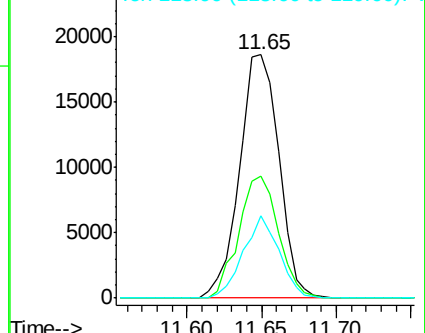
119 33.7 26.5 39.7

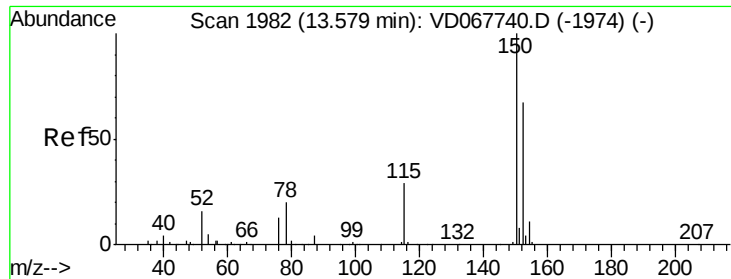


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

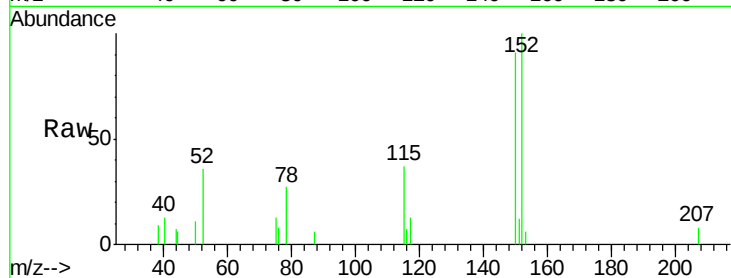




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VD067787.D
 Acq: 25 Nov 2020 15:15

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-818-820RE

Tot Ion:152 Resp: 4147
 Ion Ratio Lower Upper
 152 100
 115 47.5 29.4 88.3
 150 133.2 0.0 340.6



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

