

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067778.D
 Acq On : 24 Nov 2020 19:52
 Operator : VA/SY
 Sample : L4889-03
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Nov 25 03:17:22 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	68820	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	102885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	33245	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	4031	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	50481	75.44	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.88%
35) Dibromofluoromethane	7.91	113	46172	70.52	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	141.04%
50) Toluene-d8	10.34	98	75014	31.34	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.68%
62) 4-Bromofluorobenzene	12.63	95	4974	6.08	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	12.16%#

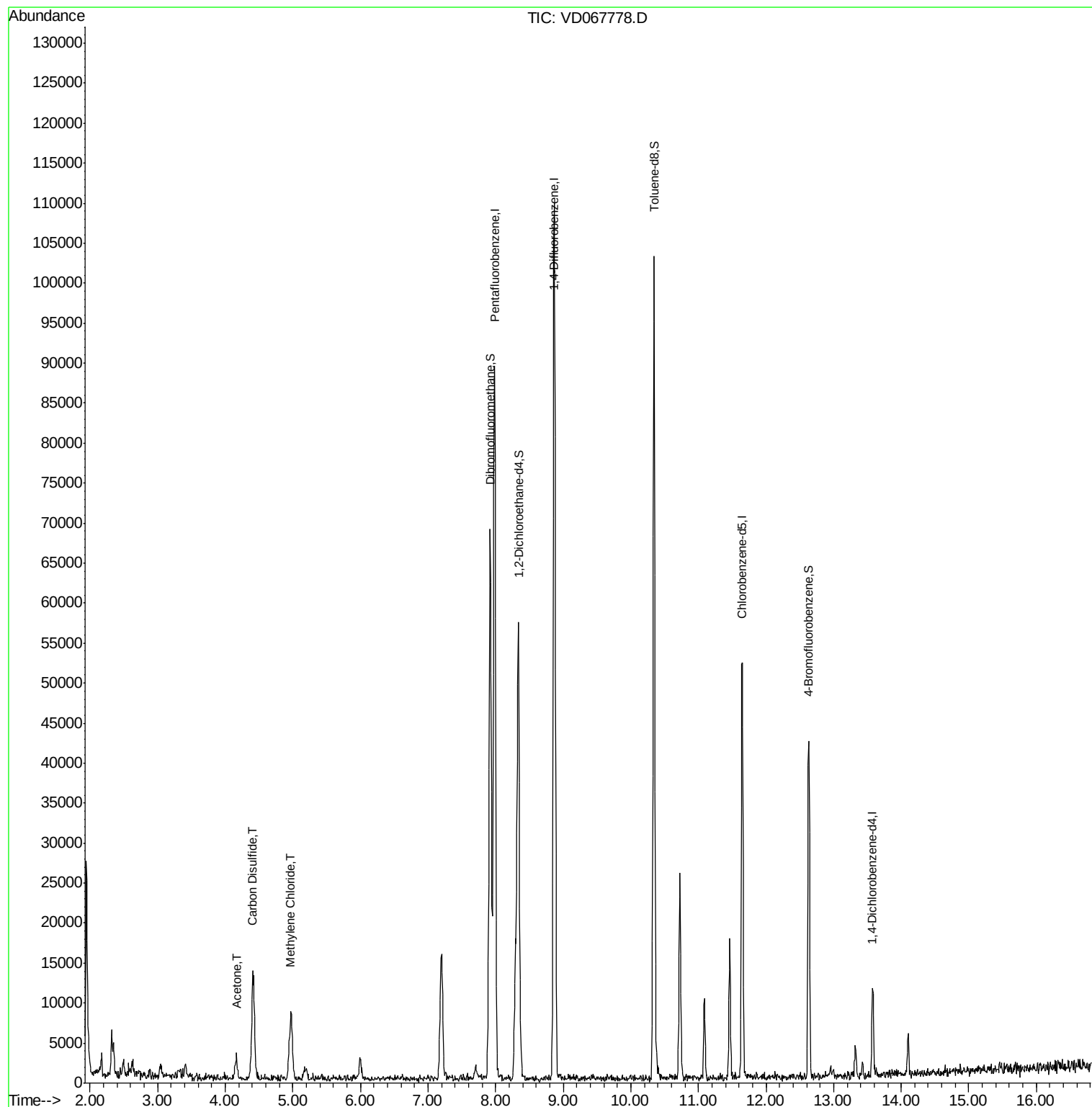
Target Compounds					Qvalue
16) Acetone	4.17	43	4374	50.599 ug/l #	86
17) Carbon Disulfide	4.41	76	28623	17.518 ug/l	99
20) Methylene Chloride	4.96	84	8167	6.130 ug/l #	83

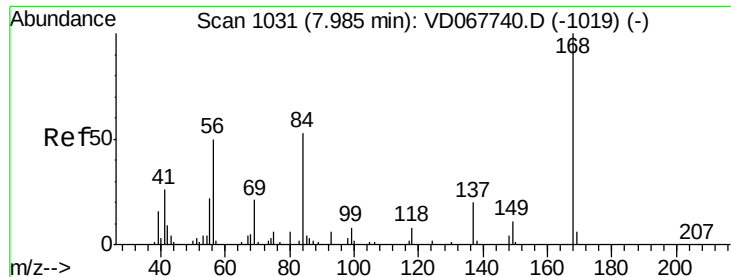
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067778.D

Acq: 24 Nov 2020 19:52

Instrument :

MSVOA_D

ClientSampleId :

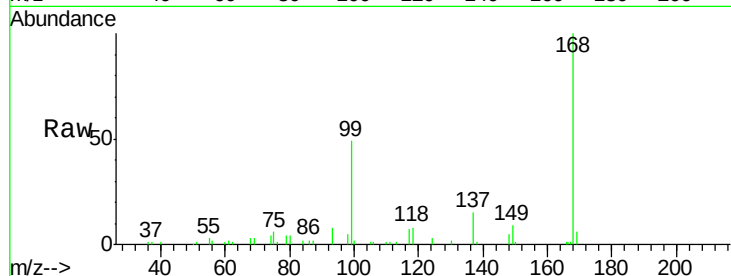
BP-VPB178-GW-818-820

Tot Ion:168 Resp: 68820

Ion Ratio Lower Upper

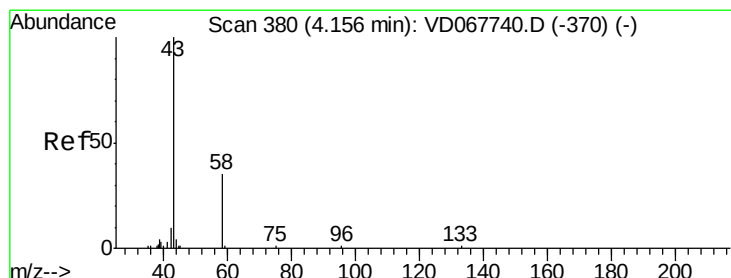
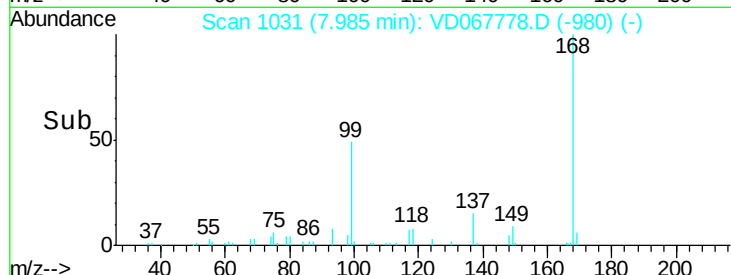
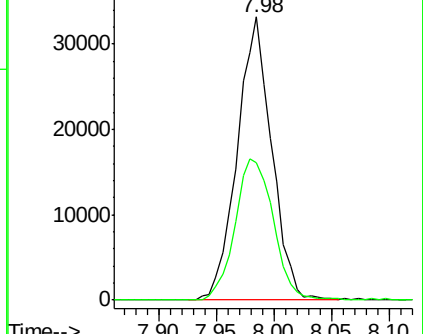
168 100

99 48.5 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: 50.599 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067778.D

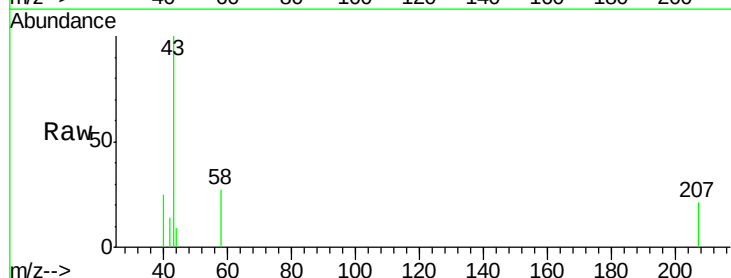
Acq: 24 Nov 2020 19:52

Tgt Ion: 43 Resp: 4374

Ion Ratio Lower Upper

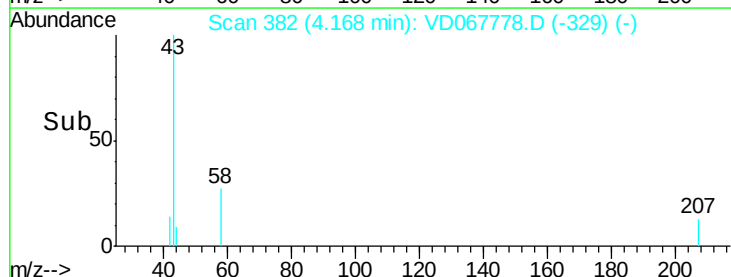
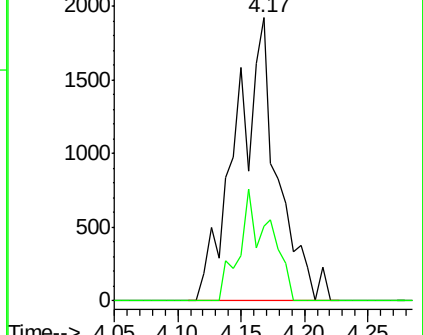
43 100

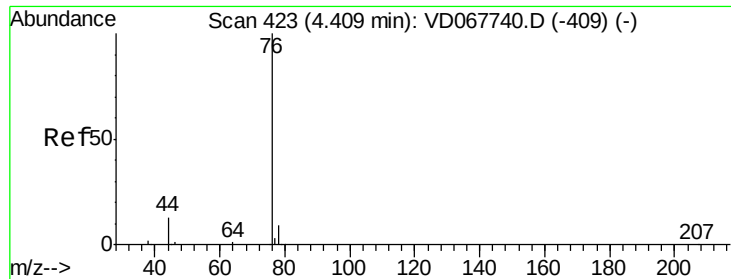
58 26.5 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

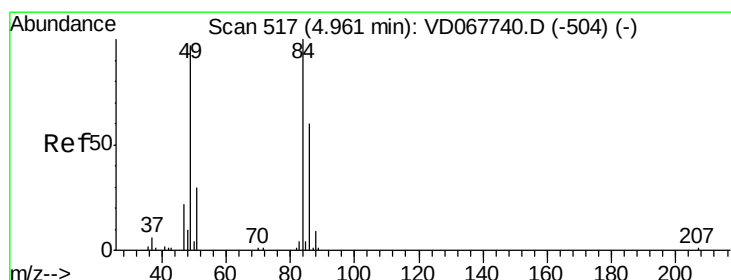
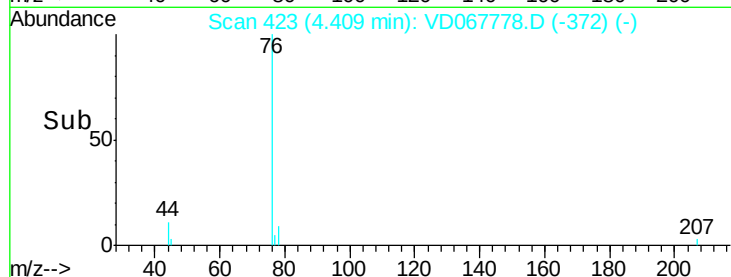
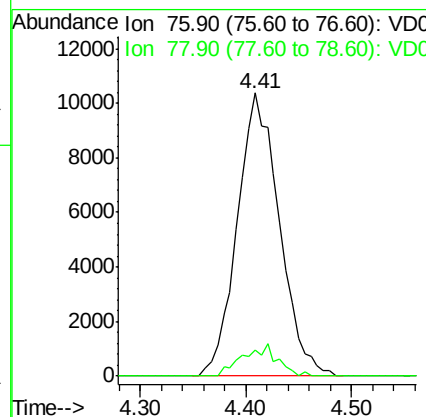
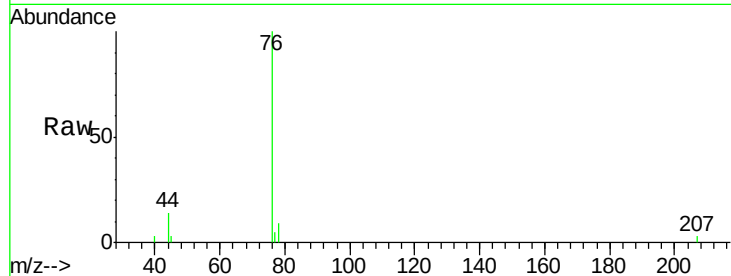




#17
Carbon Disulfide
Concen: 17.518 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.00 min
Lab File: VD067778.D
Acq: 24 Nov 2020 19:52

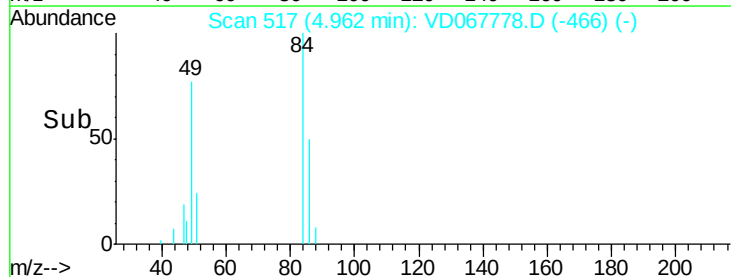
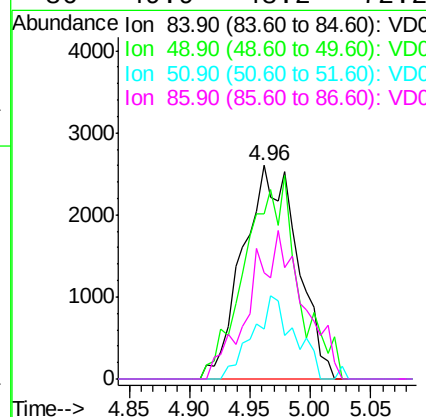
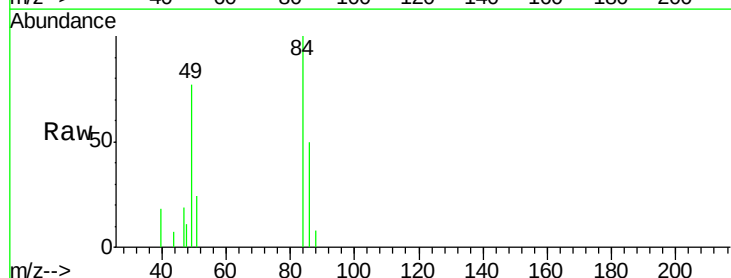
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB178-GW-818-820

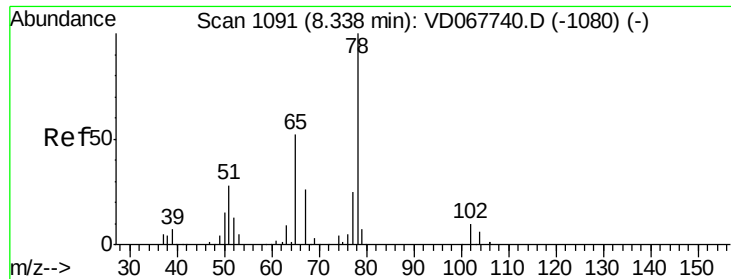
Tot Ion: 76 Resp: 28623
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#20
Methylene Chloride
Concen: 6.130 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067778.D
Acq: 24 Nov 2020 19:52

Tgt Ion: 84 Resp: 8167
Ion Ratio Lower Upper
84 100
49 77.2 77.4 116.2#
51 23.7 24.1 36.1#
86 49.9 48.2 72.2

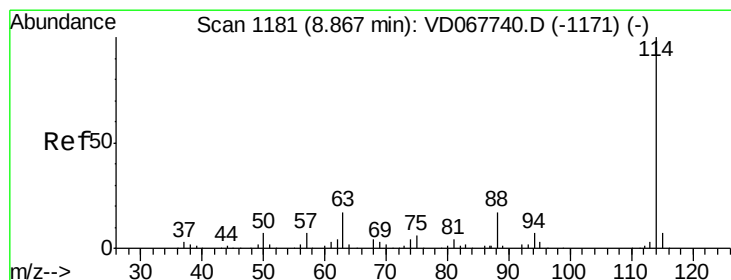
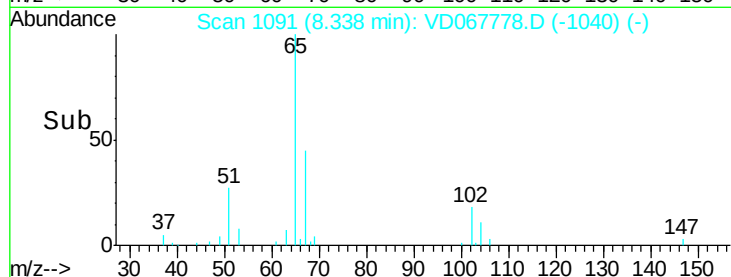
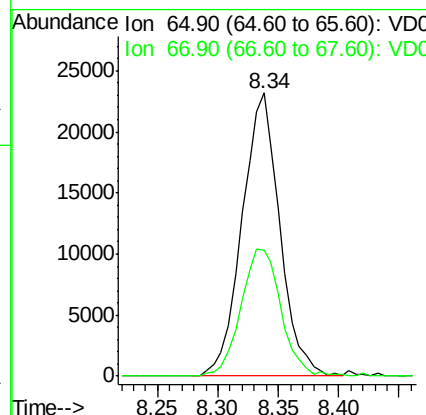
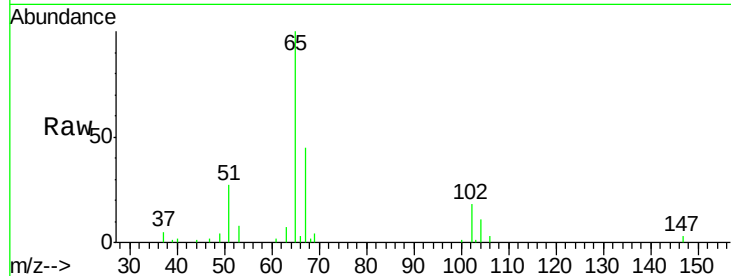




#33
 1,2-Dichloroethane-d4
 Concen: 75.441 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067778.D
 Acq: 24 Nov 2020 19:52

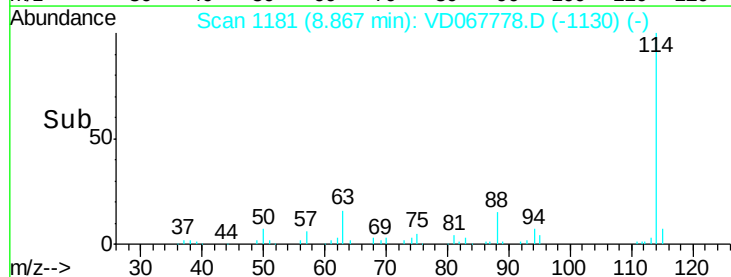
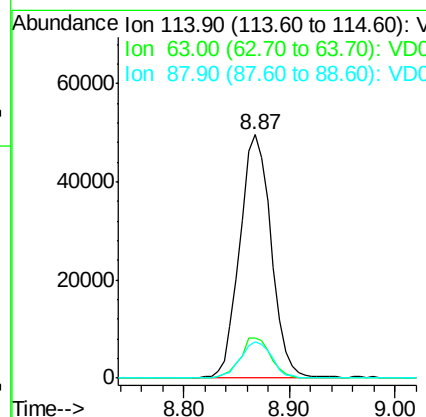
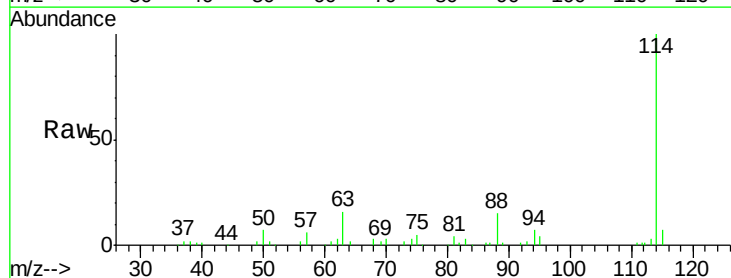
Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB178-GW-818-820

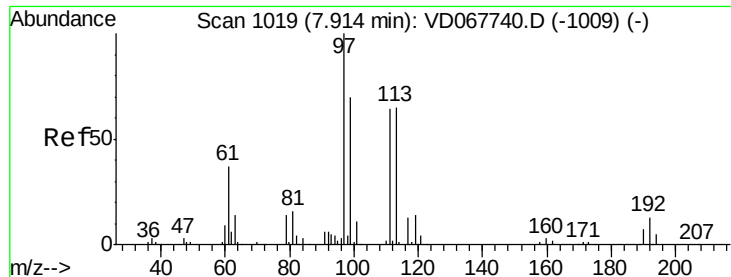
Tot Ion: 65 Resp: 50481
 Ion Ratio Lower Upper
 65 100
 67 47.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067778.D
 Acq: 24 Nov 2020 19:52

Tgt Ion: 114 Resp: 102885
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 34.8
 88 15.0 0.0 34.4

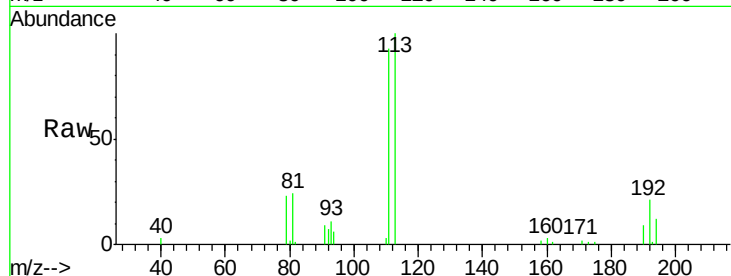




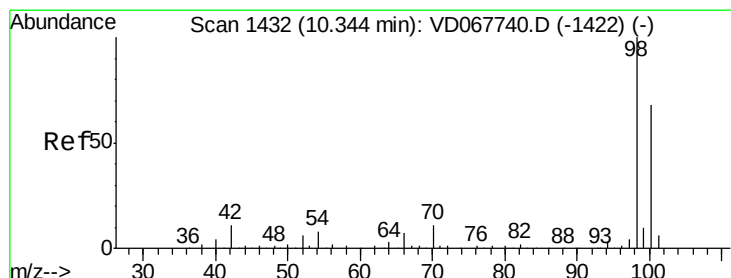
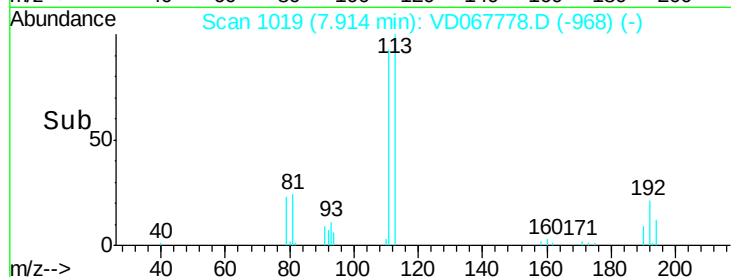
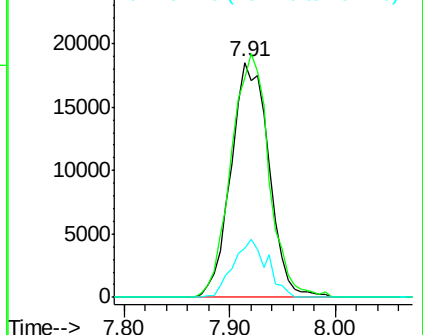
#35
Dibromofluoromethane
Concen: 70.518 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067778.D
Acq: 24 Nov 2020 19:52

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

Tot Ion:113 Resp: 46172
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 22.3 17.0 25.4

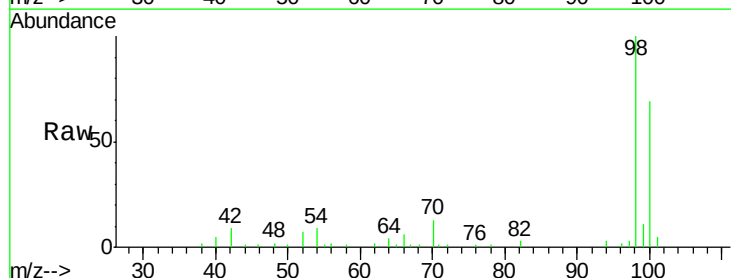


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

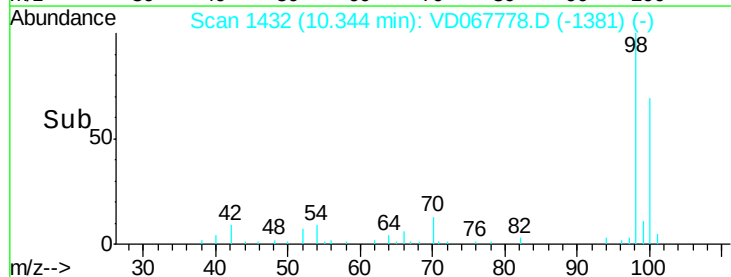
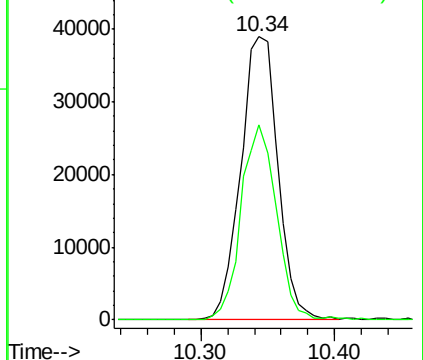


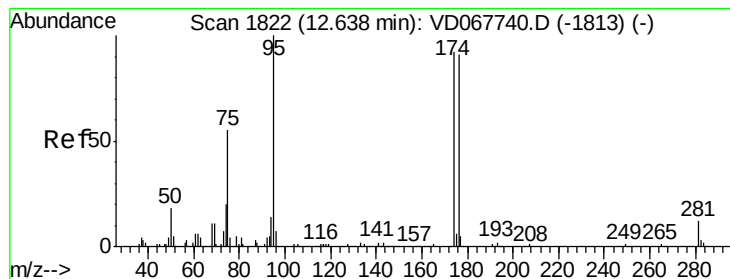
#50
Toluene-d8
Concen: 31.336 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067778.D
Acq: 24 Nov 2020 19:52

Tgt Ion: 98 Resp: 75014
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): V
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 6.079 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067778.D

Acq: 24 Nov 2020 19:52

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB178-GW-818-820

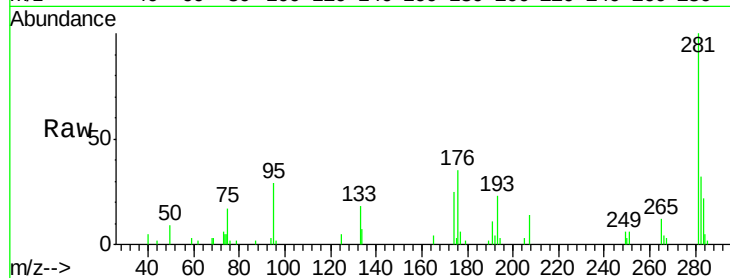
Tot Ion: 95 Resp: 4974

Ion Ratio Lower Upper

95 100

174 103.1 0.0 182.4

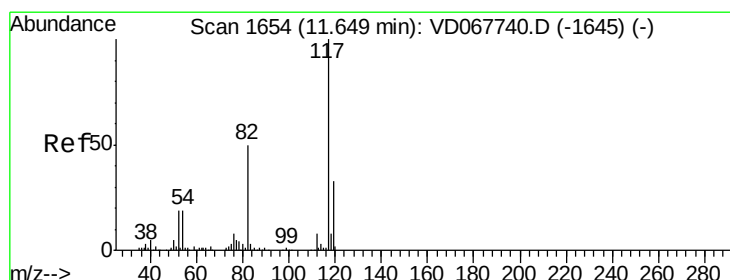
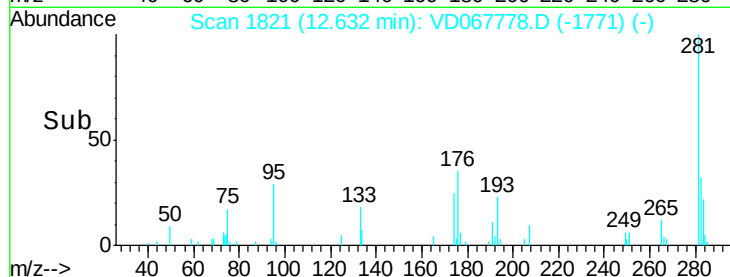
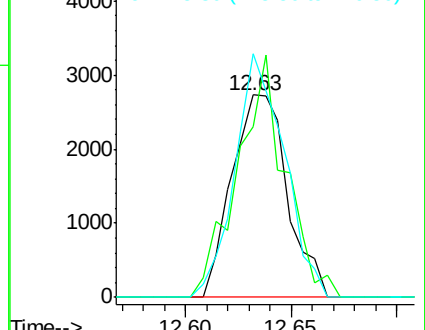
176 106.9 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): VD

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: 11.64 min Scan# 1653

Delta R.T. -0.01 min

Lab File: VD067778.D

Acq: 24 Nov 2020 19:52

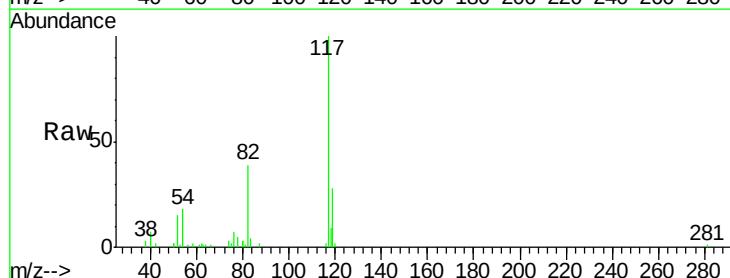
Tgt Ion: 117 Resp: 33245

Ion Ratio Lower Upper

117 100

82 39.2 40.2 60.4#

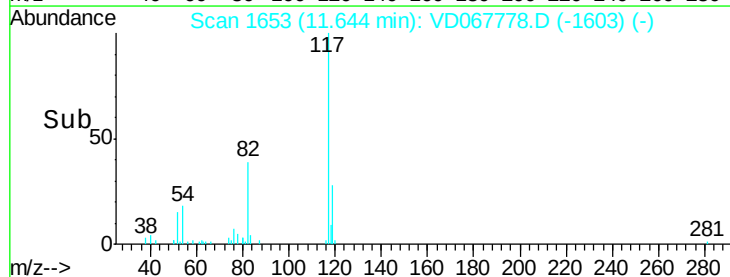
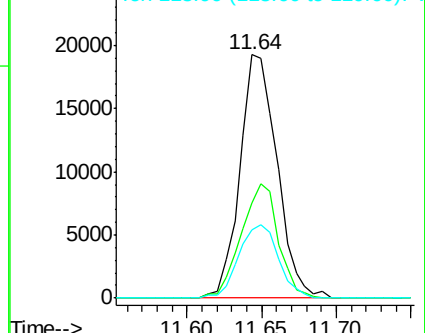
119 28.1 26.5 39.7

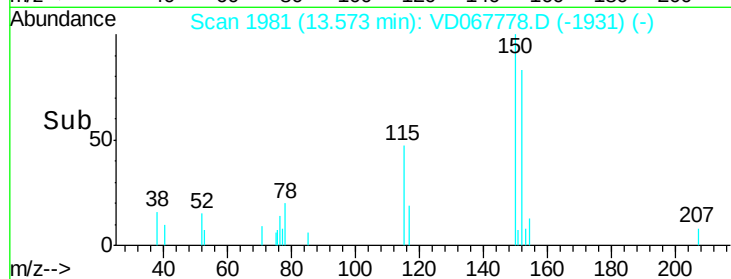
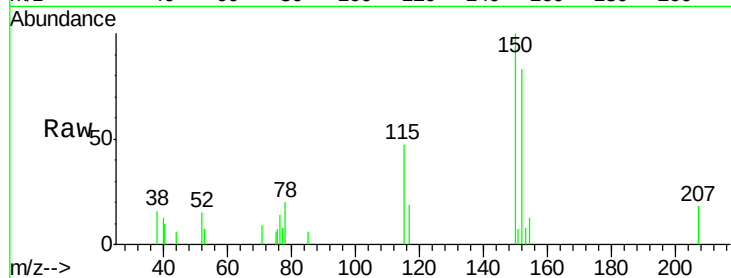
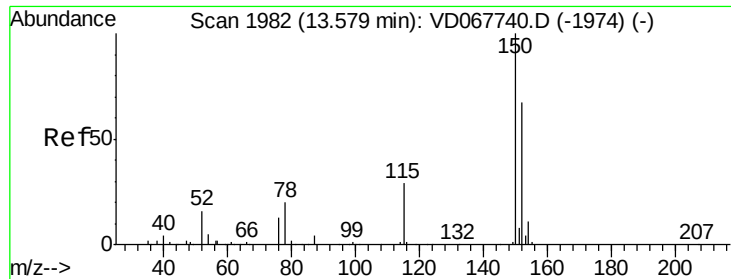


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VD

Ion 118.90 (118.60 to 119.60): V





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: VD067778.D
 Acq: 24 Nov 2020 19:52

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

Tot Ion:152 Resp: 4031
 Ion Ratio Lower Upper
 152 100
 115 53.8 29.4 88.3
 150 151.0 0.0 340.6

