

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067772.D
 Acq On : 24 Nov 2020 17:10
 Operator : VA/SY
 Sample : L4858-01
 Misc : 2.99G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHC-340EM-012

Quant Time: Nov 25 03:04:54 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	189939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	287316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	243037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	99671	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	100187	54.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.50%
35) Dibromofluoromethane	7.92	113	93325	51.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.08%
50) Toluene-d8	10.34	98	302821	45.30	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	90.60%
62) 4-Bromofluorobenzene	12.64	95	87792	38.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.84%

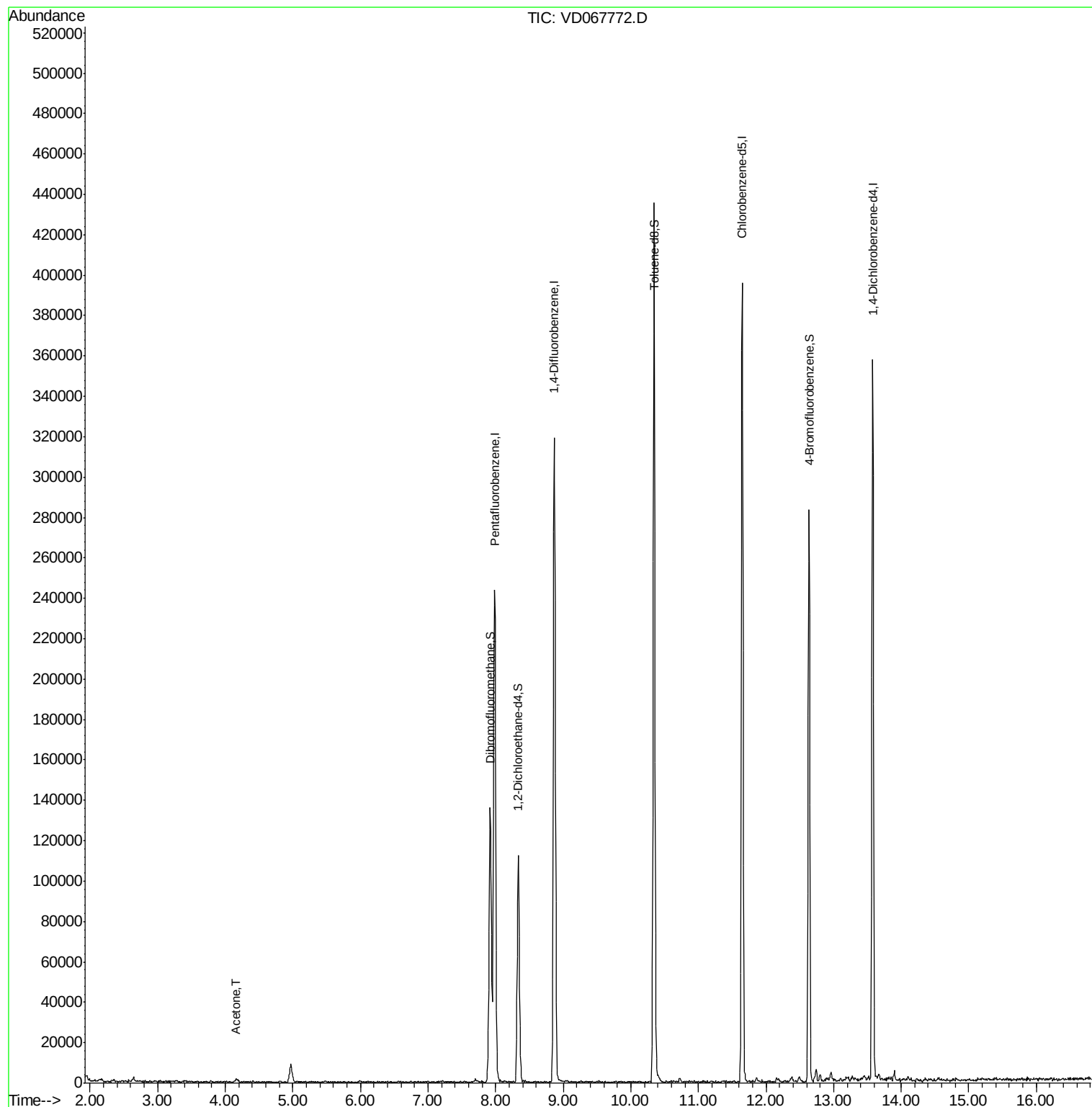
Target Compounds					Qvalue
16) Acetone	4.16	43	3276	13.731 ug/l #	77

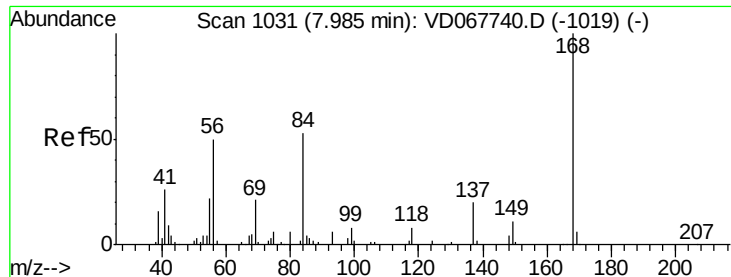
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112420\
Data File : VD067772.D
Acq On : 24 Nov 2020 17:10
Operator : VA/SY
Sample : L4858-01
Misc : 2.99G/5.00ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
PHC-340EM-012

Quant Time: Nov 25 03:04:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067772.D

Acq: 24 Nov 2020 17:10

Instrument :

MSVOA_D

ClientSampleId :

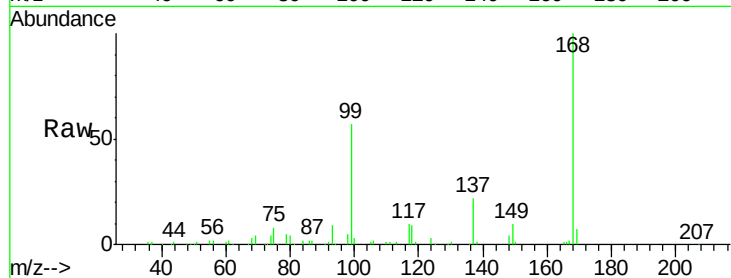
PHC-340EM-012

Tot Ion:168 Resp: 189939

Ion Ratio Lower Upper

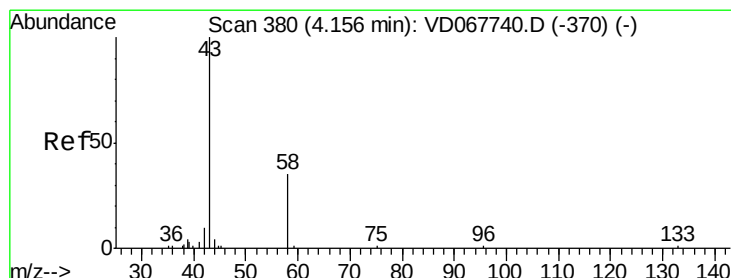
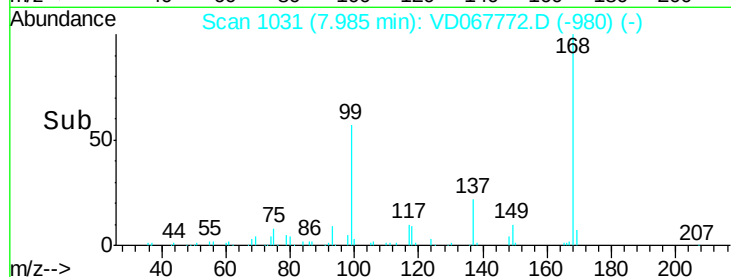
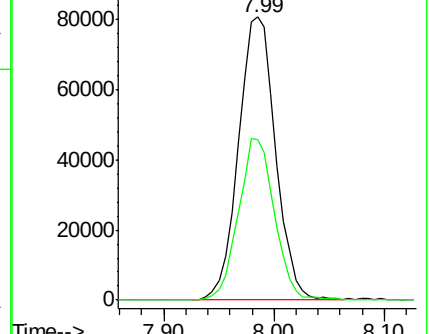
168 100

99 56.9 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: 13.731 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067772.D

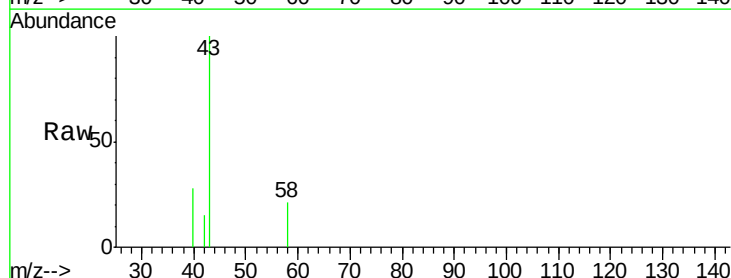
Acq: 24 Nov 2020 17:10

Tgt Ion: 43 Resp: 3276

Ion Ratio Lower Upper

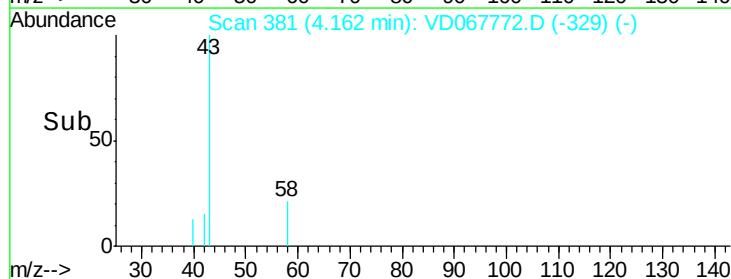
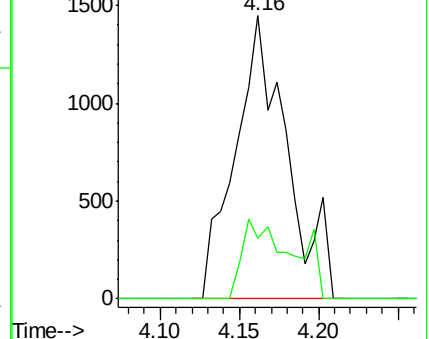
43 100

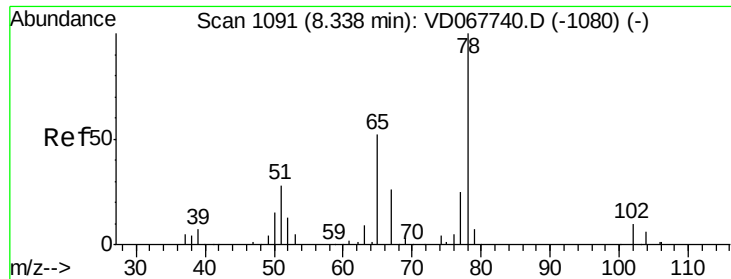
58 21.4 27.6 41.4#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

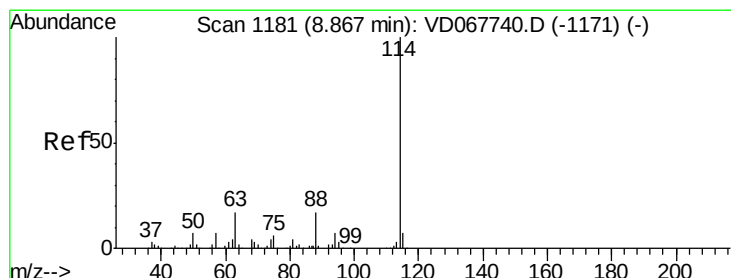
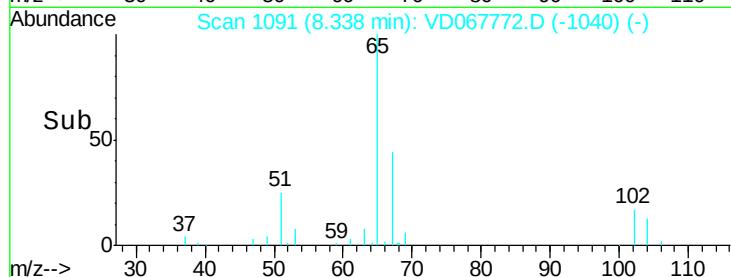
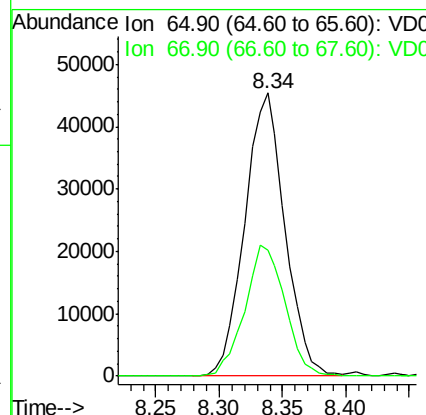
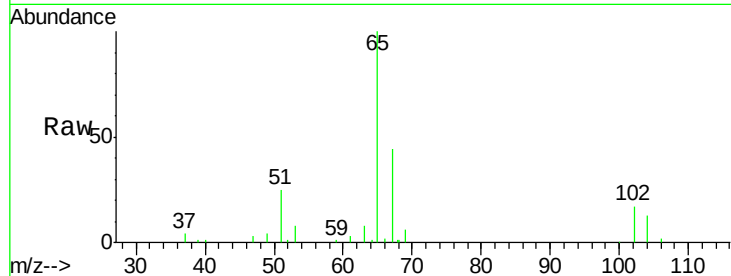




#33
 1,2-Dichloroethane-d4
 Concen: 54.249 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067772.D
 Acq: 24 Nov 2020 17:10

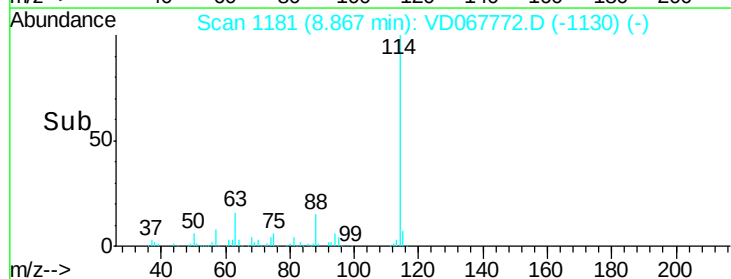
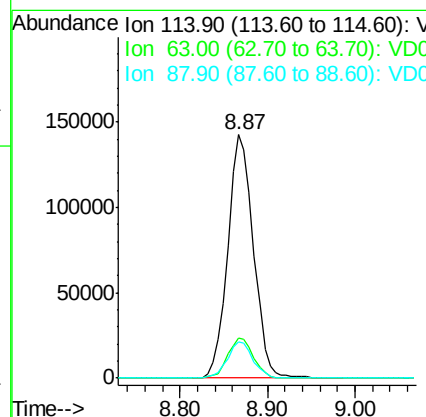
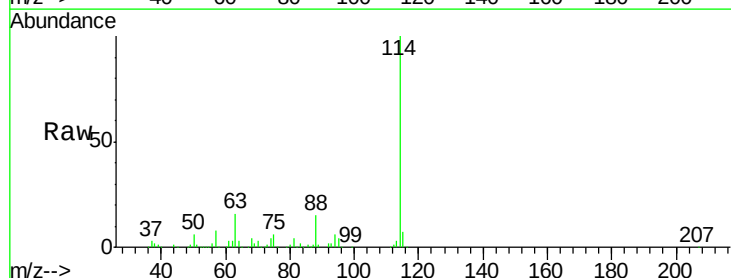
Instrument :
 MSVOA_D
 ClientSampleId :
 PHC-340EM-012

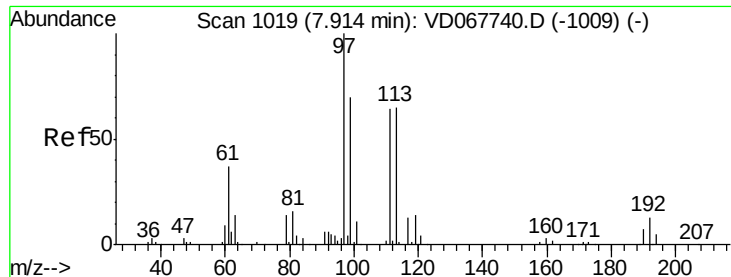
Tot Ion: 65 Resp: 100187
 Ion Ratio Lower Upper
 65 100
 67 46.2 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067772.D
 Acq: 24 Nov 2020 17:10

Tgt Ion: 114 Resp: 287316
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 34.8
 88 14.9 0.0 34.4

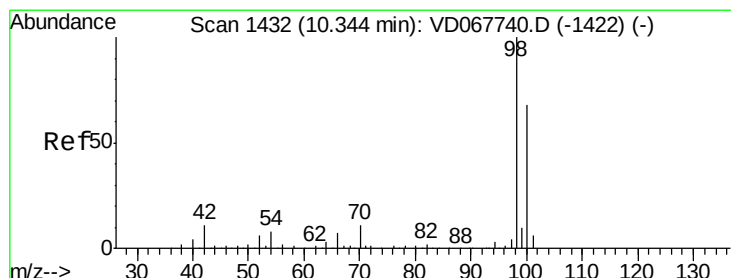
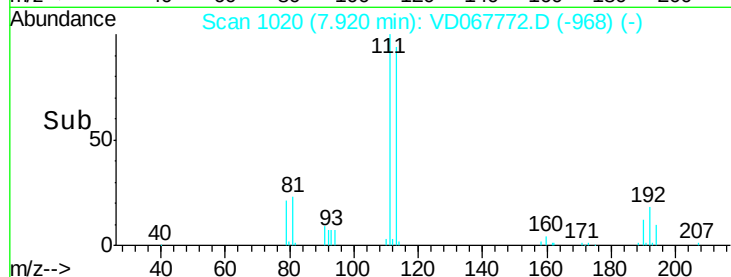
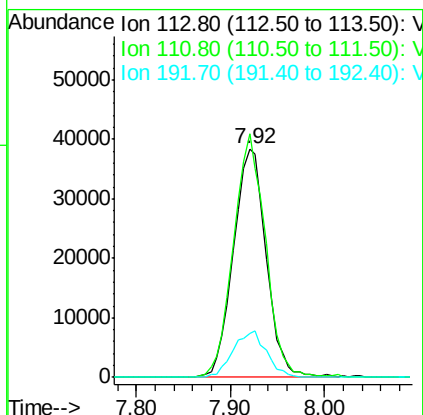
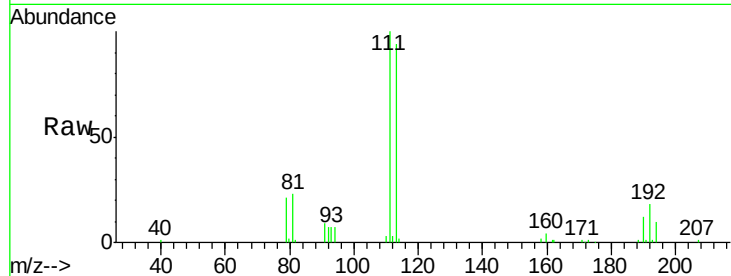




#35
 Dibromofluoromethane
 Concen: 51.040 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067772.D
 Acq: 24 Nov 2020 17:10

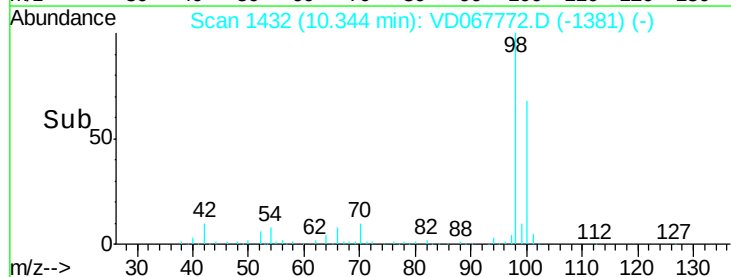
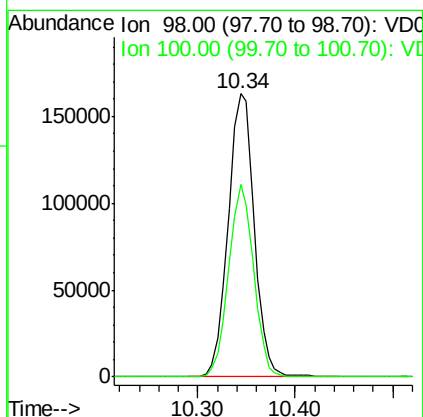
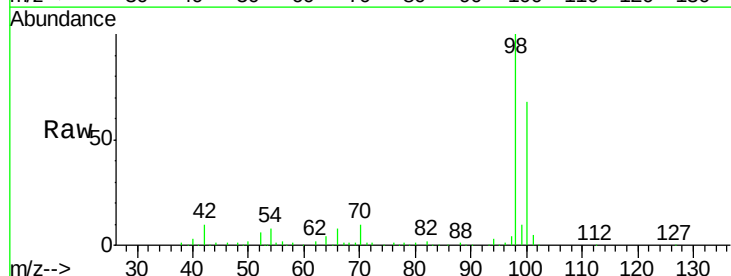
Instrument :
 MSVOA_D
 ClientSampleId :
 PHC-340EM-012

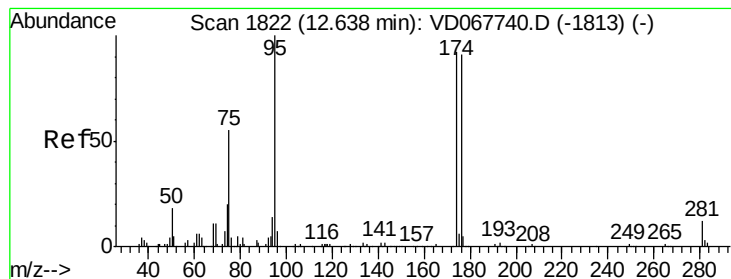
Tot Ion:113 Resp: 93325
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.4 122.0
 192 20.6 17.0 25.4



#50
 Toluene-d8
 Concen: 45.298 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067772.D
 Acq: 24 Nov 2020 17:10

Tgt Ion: 98 Resp: 302821
 Ion Ratio Lower Upper
 98 100
 100 65.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 38.421 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067772.D

Acq: 24 Nov 2020 17:10

Instrument :

MSVOA_D

ClientSampleId :

PHC-340EM-012

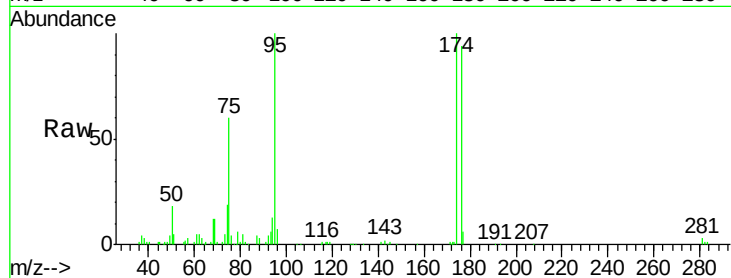
Tot Ion: 95 Resp: 87792

Ion Ratio Lower Upper

95 100

174 94.9 0.0 182.4

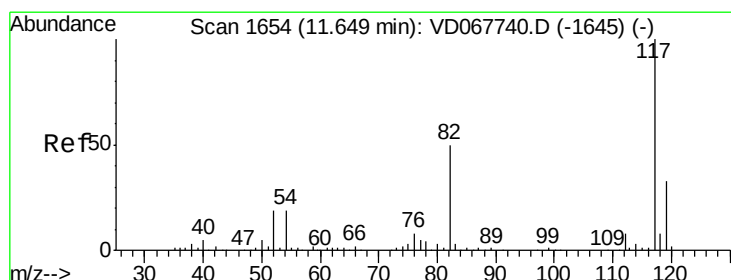
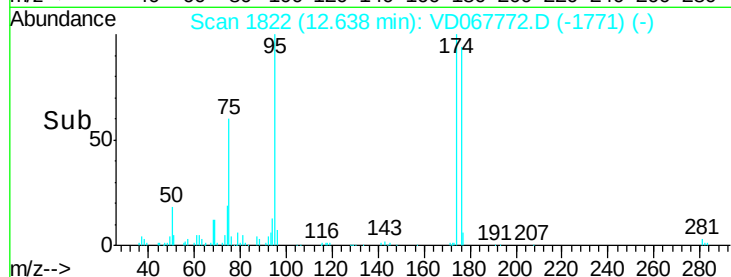
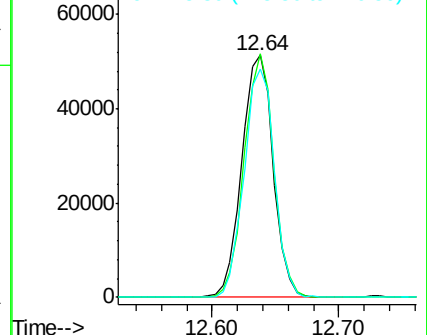
176 91.8 0.0 178.2



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: VD067772.D

Acq: 24 Nov 2020 17:10

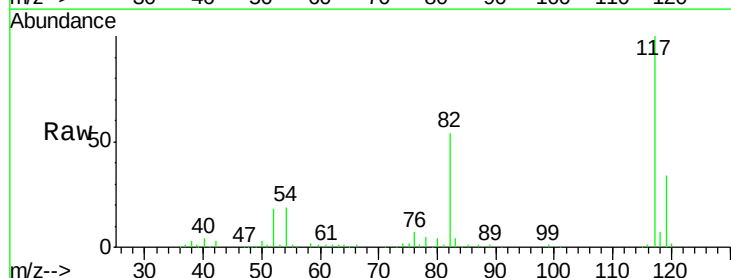
Tgt Ion: 117 Resp: 243037

Ion Ratio Lower Upper

117 100

82 54.0 40.2 60.4

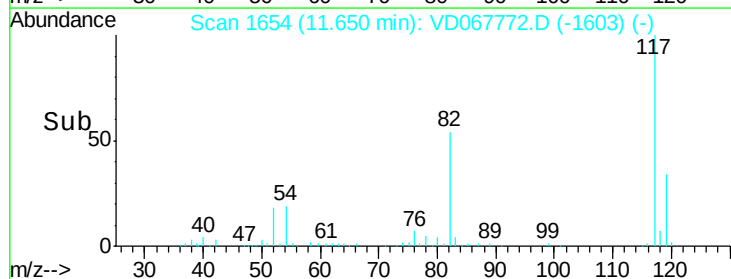
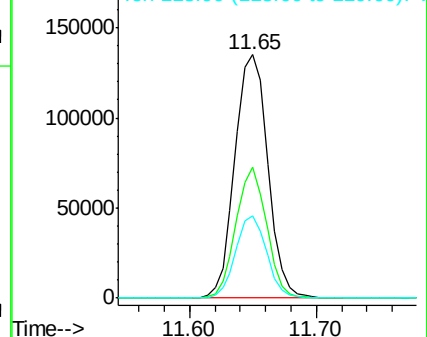
119 33.6 26.5 39.7

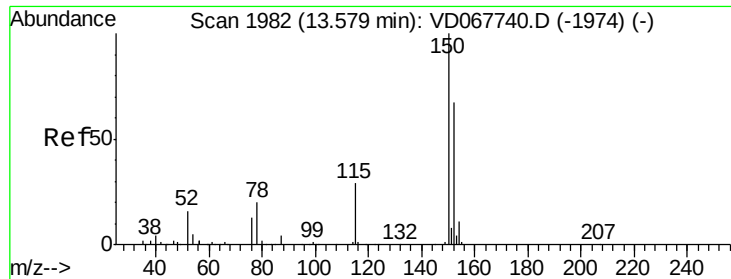


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067772.D

Acq: 24 Nov 2020 17:10

Instrument :

MSVOA_D

ClientSampleId :

PHC-340EM-012

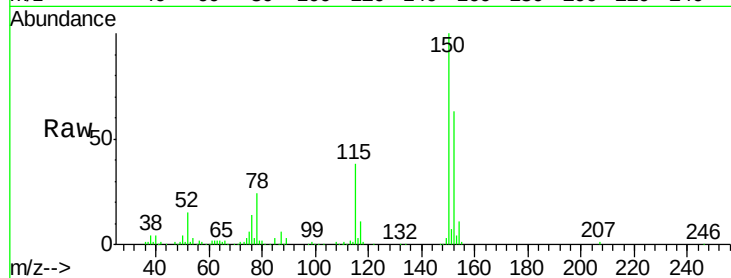
Tot Ion:152 Resp: 99671

Ion Ratio Lower Upper

152 100

115 58.2 29.4 88.3

150 153.4 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

