

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067809.D
 Acq On : 30 Nov 2020 12:28
 Operator : VA/SY
 Sample : L4899-01
 Misc : 6.74G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Dec 01 00:22:02 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	169036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	285579	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	280396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138743	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	125931	76.62	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	=	153.24%	
35) Dibromofluoromethane	7.92	113	97855	53.84	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	=	107.68%	
50) Toluene-d8	10.34	98	332514	50.04	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	12.64	95	117814	51.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	=	103.74%	

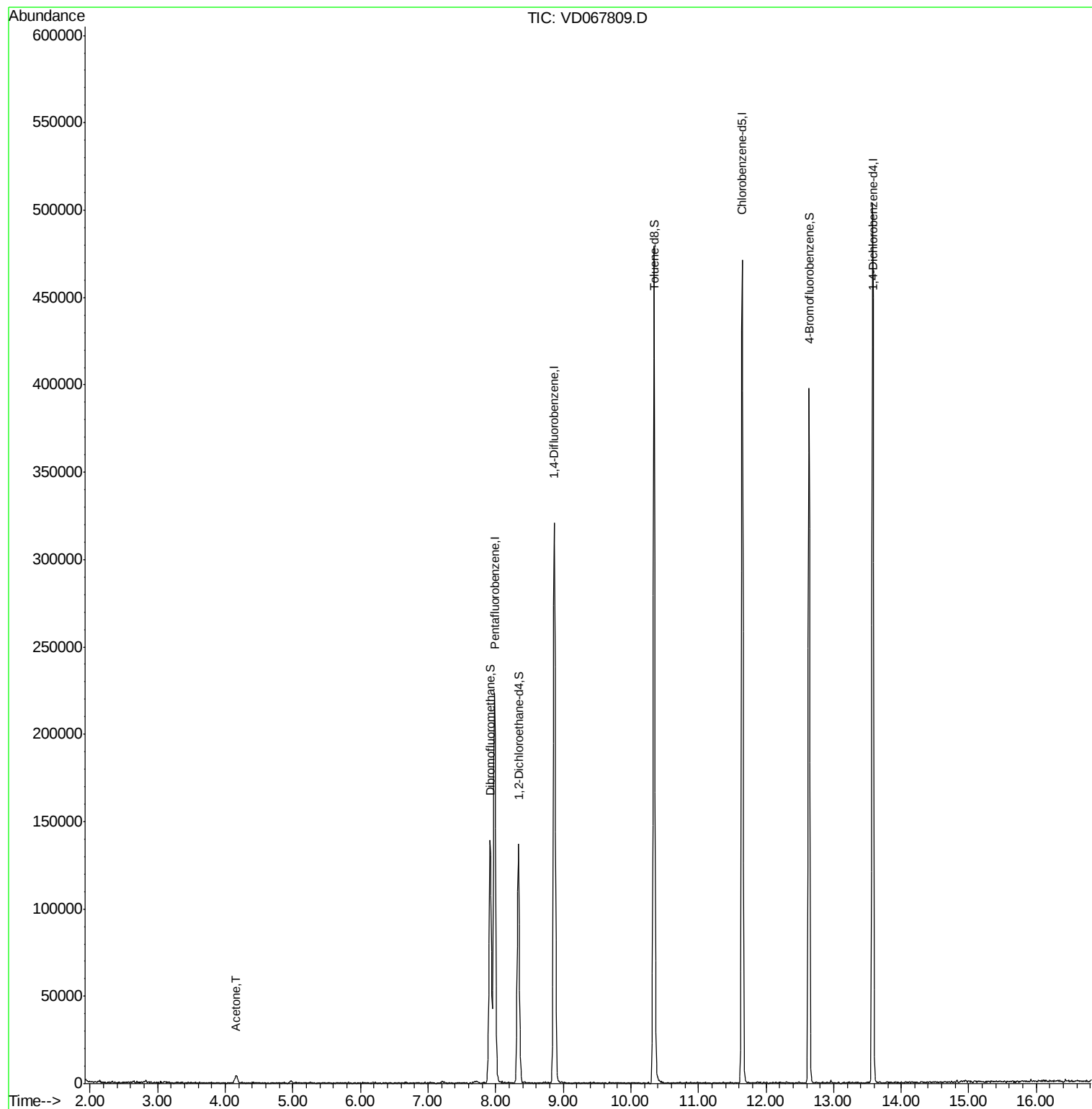
Target Compounds					Qvalue
16) Acetone	4.16	43	8446	39.778 ug/l	91

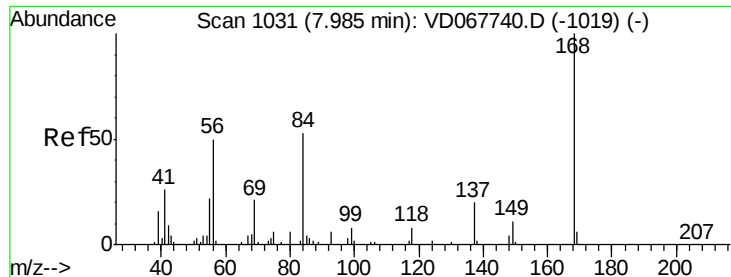
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067809.D

Acq: 30 Nov 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

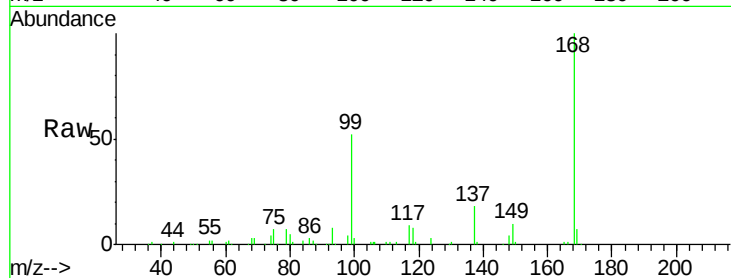
TP-1

Tot Ion:168 Resp: 169036

Ion Ratio Lower Upper

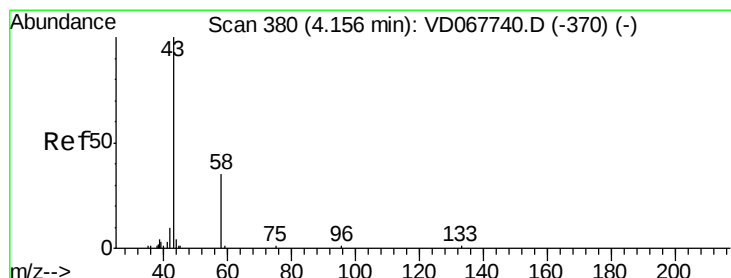
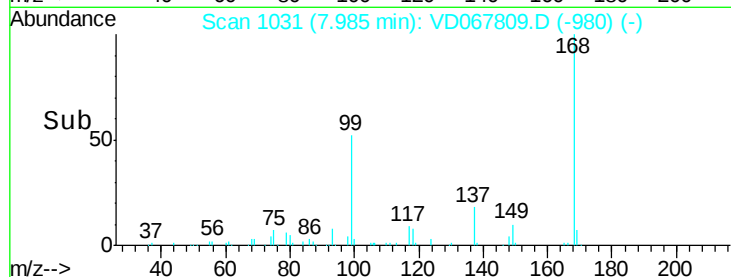
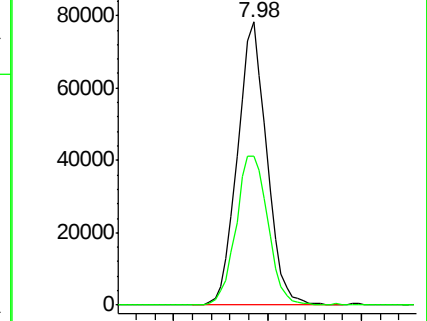
168 100

99 52.4 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: 39.778 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067809.D

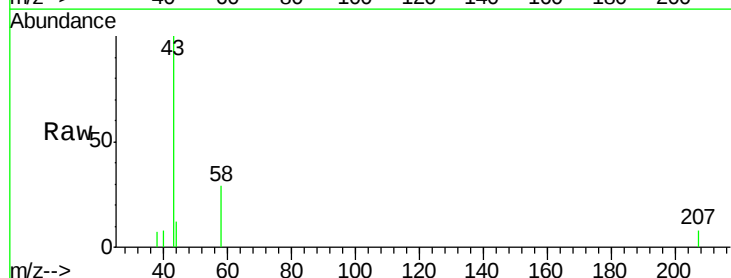
Acq: 30 Nov 2020 12:28

Tgt Ion: 43 Resp: 8446

Ion Ratio Lower Upper

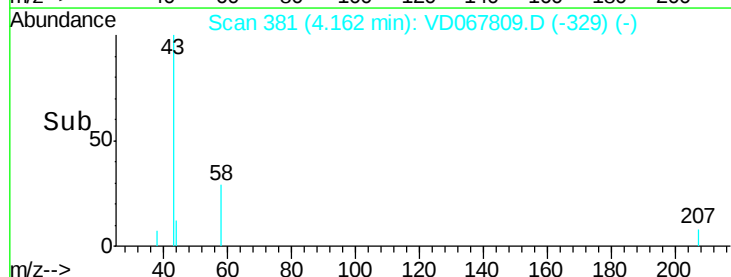
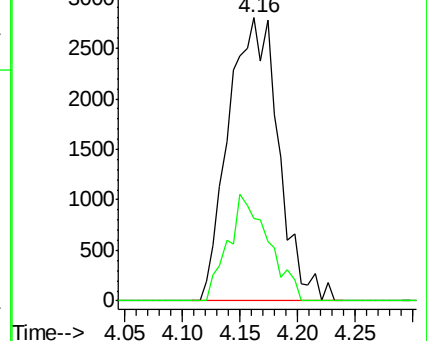
43 100

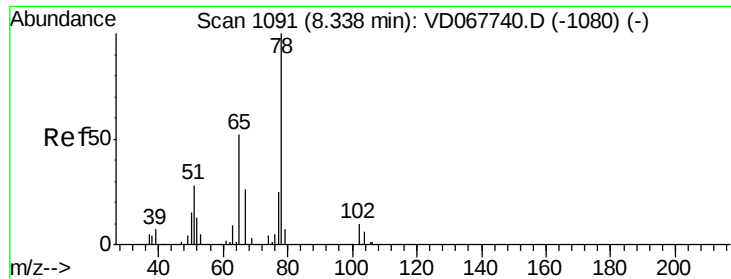
58 29.2 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

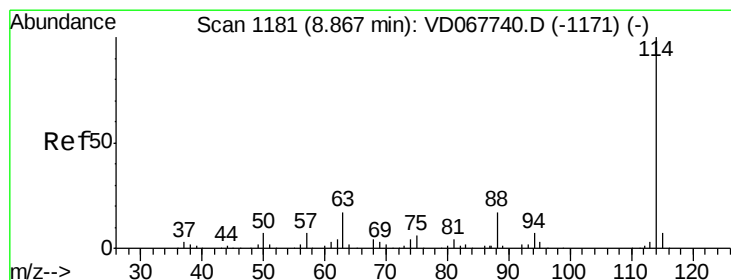
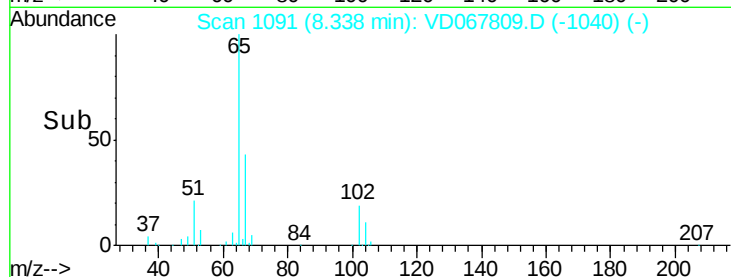
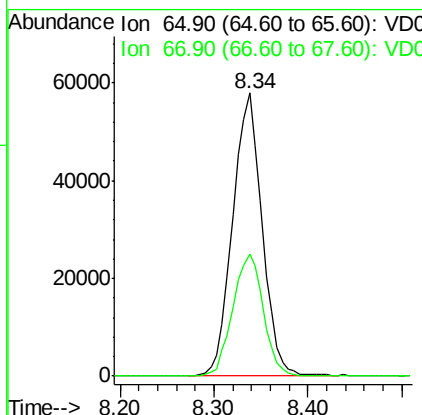
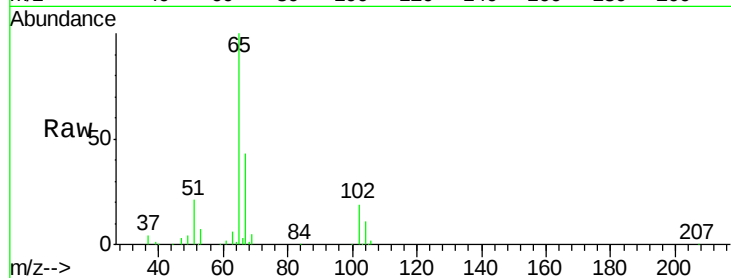




#33
 1,2-Dichloroethane-d4
 Concen: 76.621 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: VD067809.D
 Acq: 30 Nov 2020 12:28

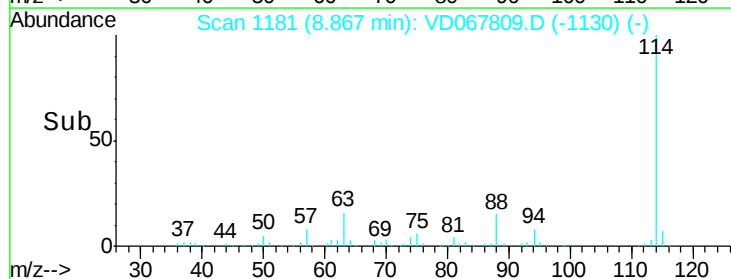
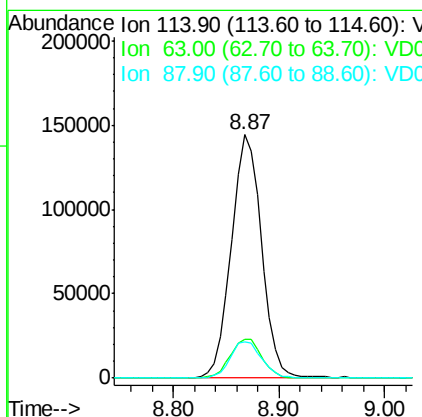
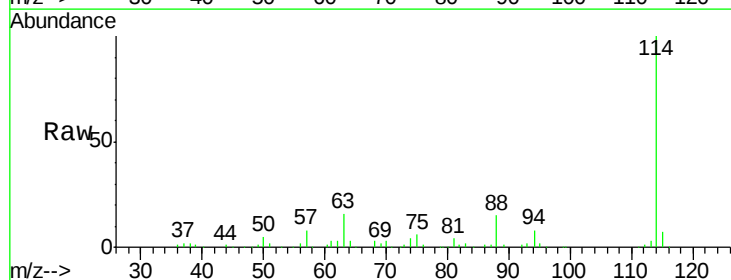
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

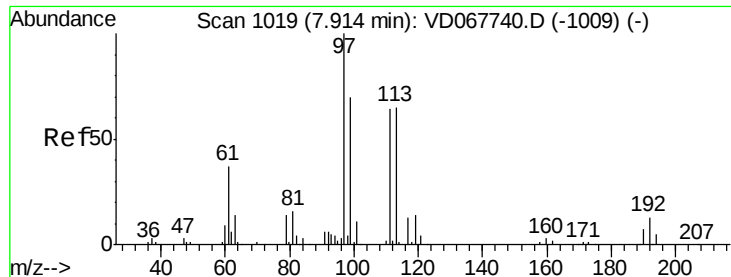
Tot Ion: 65 Resp: 125931
 Ion Ratio Lower Upper
 65 100
 67 44.4 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067809.D
 Acq: 30 Nov 2020 12:28

Tgt Ion: 114 Resp: 285579
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 34.8
 88 14.7 0.0 34.4

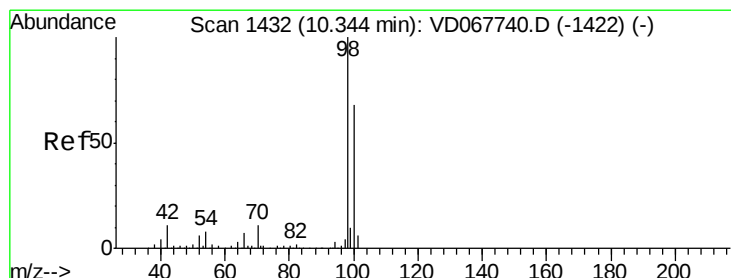
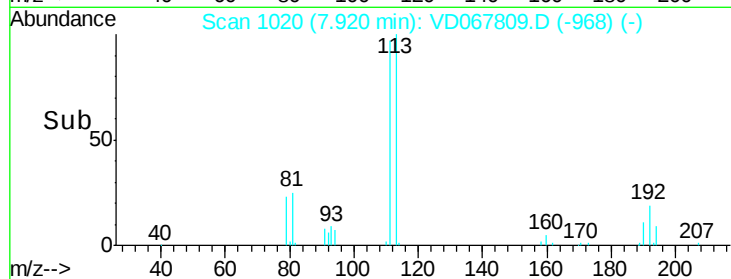
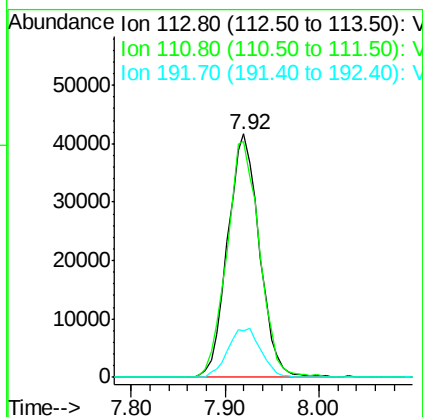
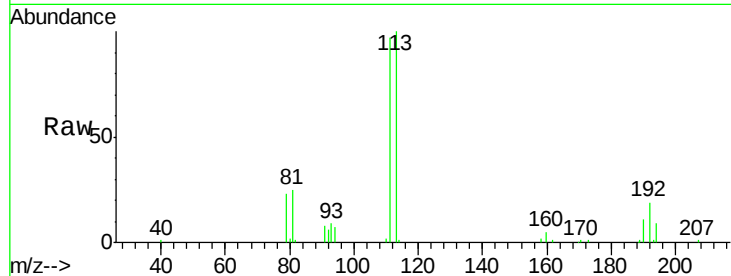




#35
 Dibromofluoromethane
 Concen: 53.843 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067809.D
 Acq: 30 Nov 2020 12:28

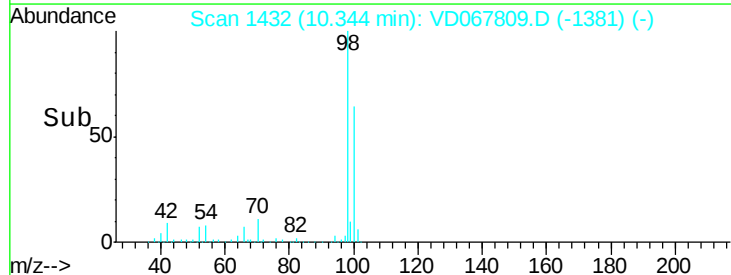
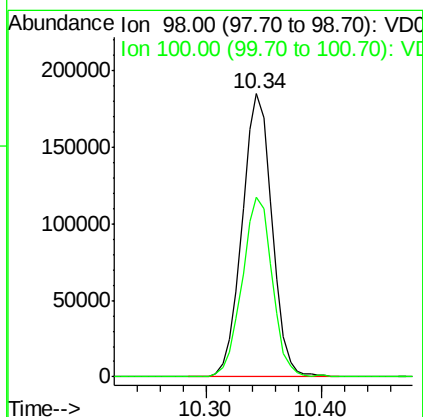
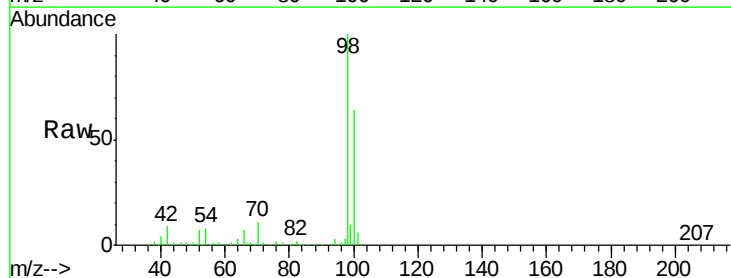
Instrument :
 MSVOA_D
 ClientSampled :
 TP-1

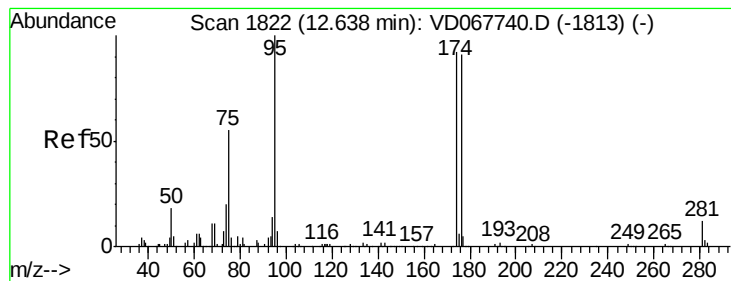
Tot Ion:113 Resp: 97855
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.4 122.0
 192 20.8 17.0 25.4



#50
 Toluene-d8
 Concen: 50.043 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067809.D
 Acq: 30 Nov 2020 12:28

Tgt Ion: 98 Resp: 332514
 Ion Ratio Lower Upper
 98 100
 100 64.2 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 51.874 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067809.D

Acq: 30 Nov 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

TP-1

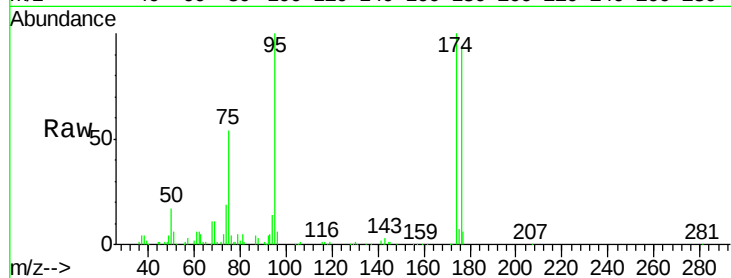
Tot Ion: 95 Resp: 117814

Ion Ratio Lower Upper

95 100

174 99.1 0.0 182.4

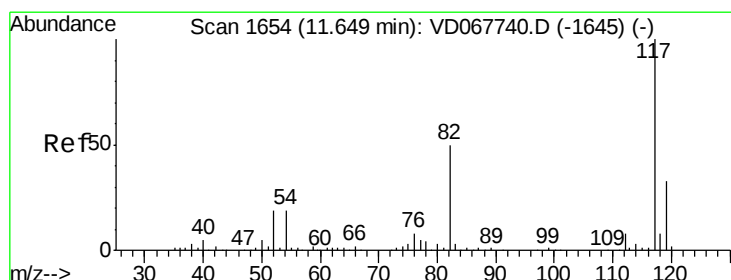
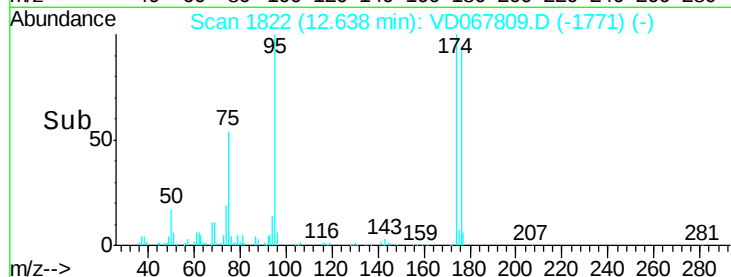
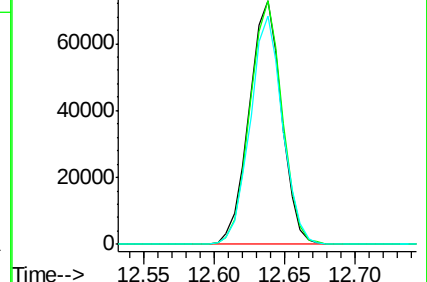
176 93.0 0.0 178.2



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: VD067809.D

Acq: 30 Nov 2020 12:28

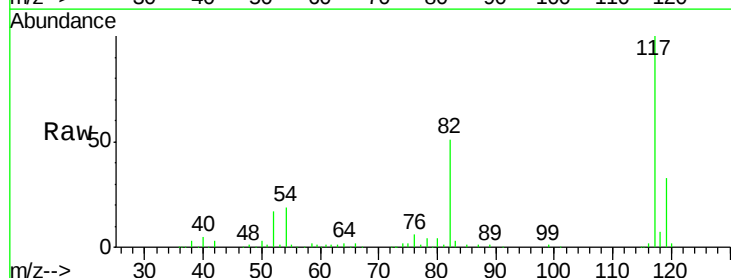
Tgt Ion: 117 Resp: 280396

Ion Ratio Lower Upper

117 100

82 51.1 40.2 60.4

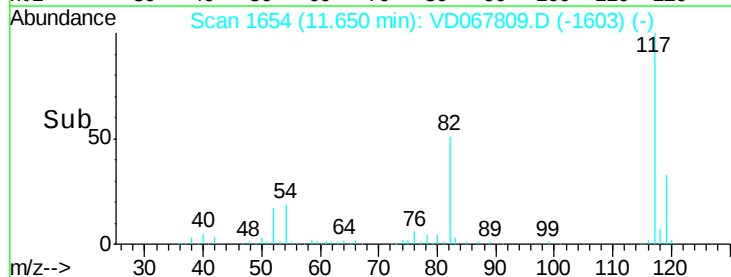
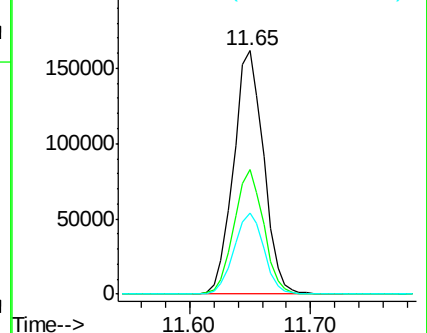
119 33.2 26.5 39.7

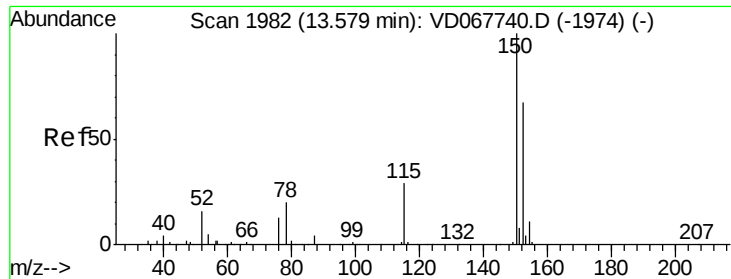


Abundance Ion 116.90 (116.60 to 117.60): V

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: VD067809.D

Acq: 30 Nov 2020 12:28

Instrument :

MSVOA_D

ClientSampleId :

TP-1

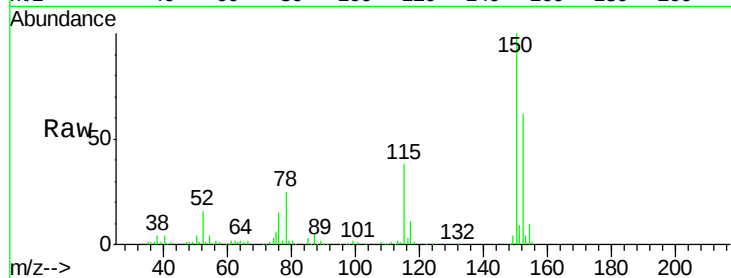
Tot Ion:152 Resp: 138743

Ion Ratio Lower Upper

152 100

115 60.3 29.4 88.3

150 159.5 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

