

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102220\
 Data File : VD067359.D
 Acq On : 22 Oct 2020 13:49
 Operator : VA/SY
 Sample : L4225-10
 Misc : 7.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-102120

Quant Time: Oct 22 15:23:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

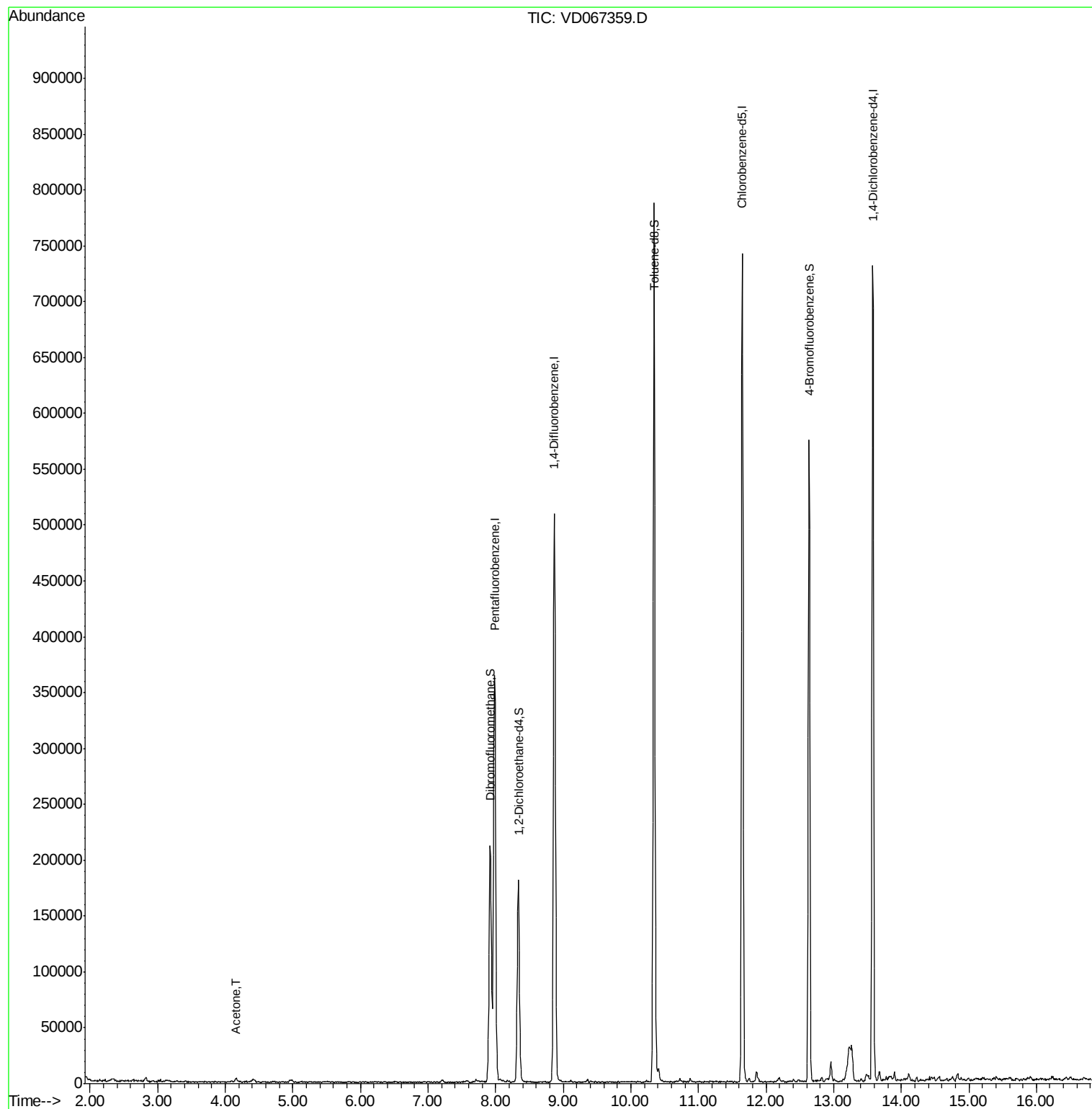
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	284836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	460685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	444348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	202491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	153440	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
35) Dibromofluoromethane	7.92	113	149886	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	10.34	98	539329	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.64	95	184491	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
Target Compounds						
16) Acetone	4.17	43	5807	14.530	ug/l	Qvalue 89

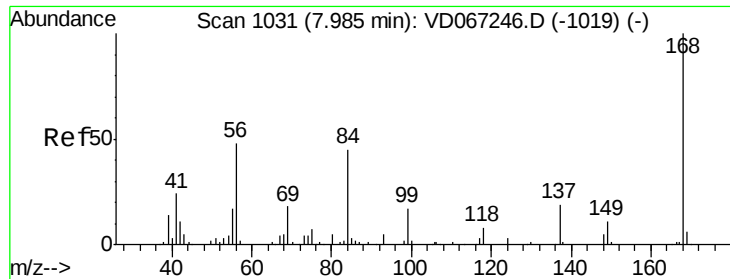
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067359.D

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MSVOA_D

ClientSampleId :

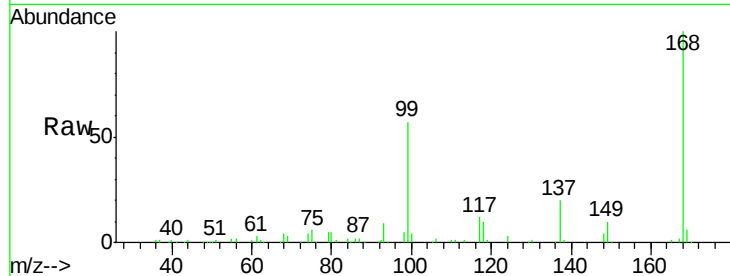
SU-02-102120

Tot Ion:168 Resp: 284836

Ion Ratio Lower Upper

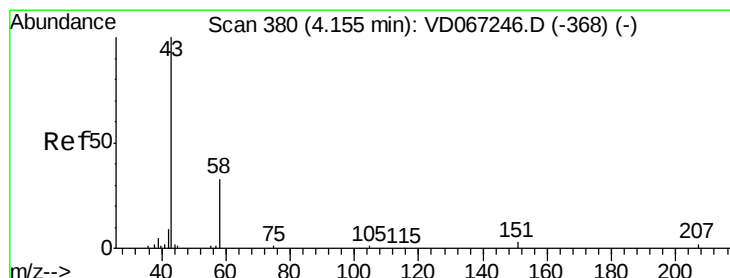
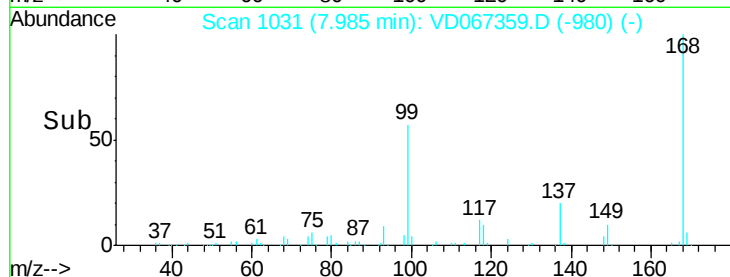
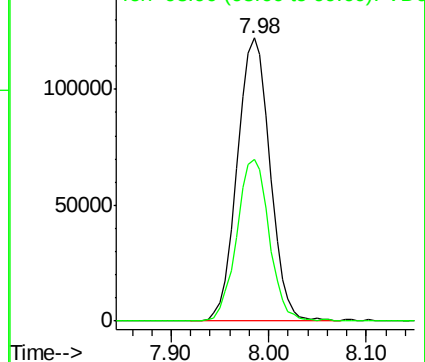
168 100

99 57.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 14.530 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD067359.D

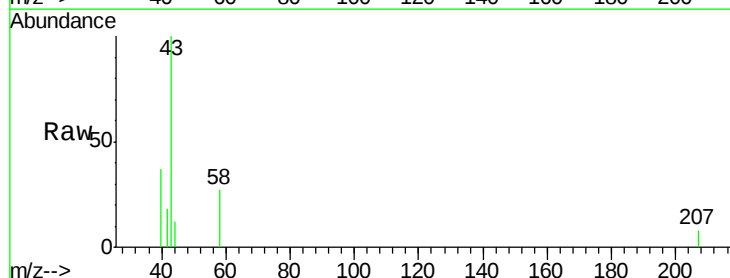
Acq: 22 Oct 2020 13:49

Tgt Ion: 43 Resp: 5807

Ion Ratio Lower Upper

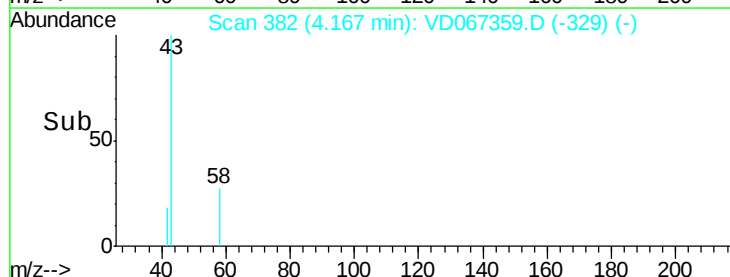
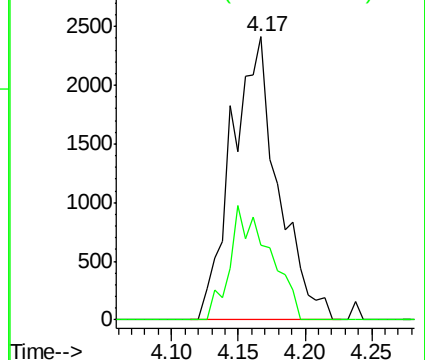
43 100

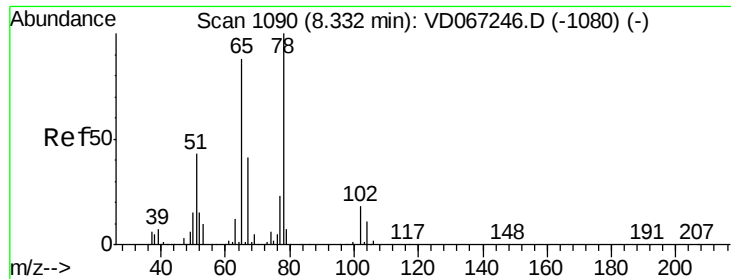
58 26.6 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

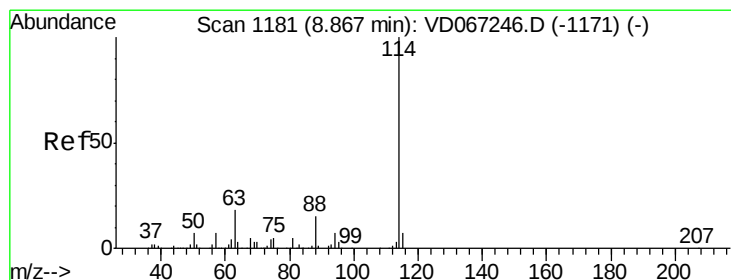
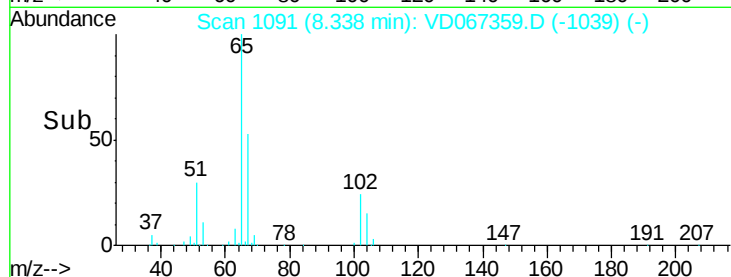
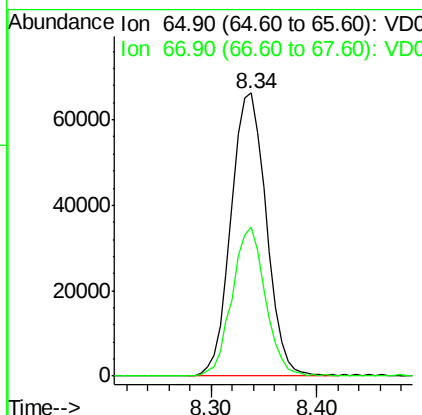
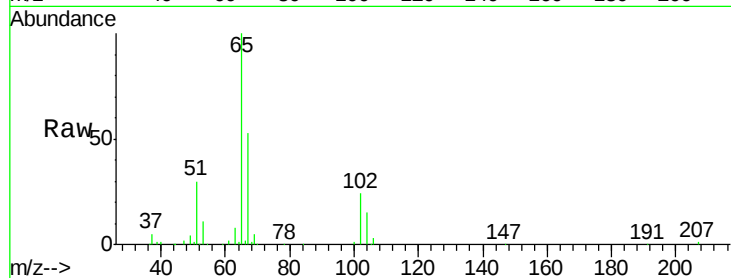




#33
 1,2-Dichloroethane-d4
 Concen: 53.770 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067359.D
 Acq: 22 Oct 2020 13:49

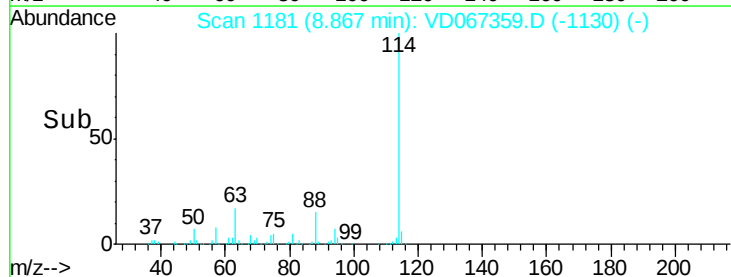
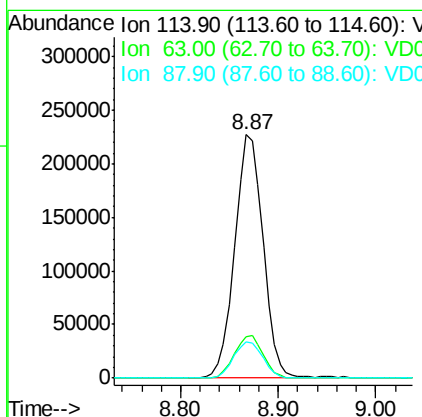
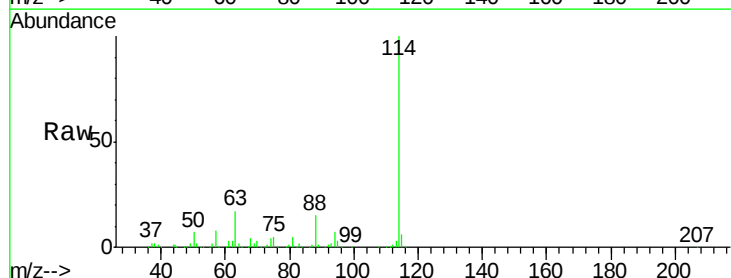
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 MSVOA_D
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 SU-02-102120

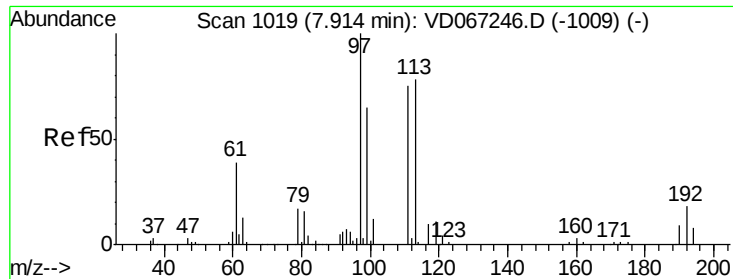
Tot Ion: 65 Resp: 153440
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067359.D
 Acq: 22 Oct 2020 13:49

Tgt Ion: 114 Resp: 460685
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 35.0
 88 14.9 0.0 30.6

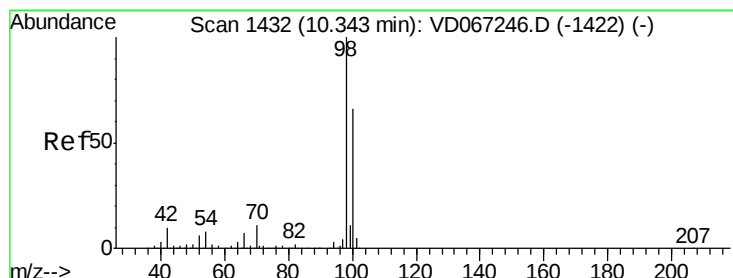
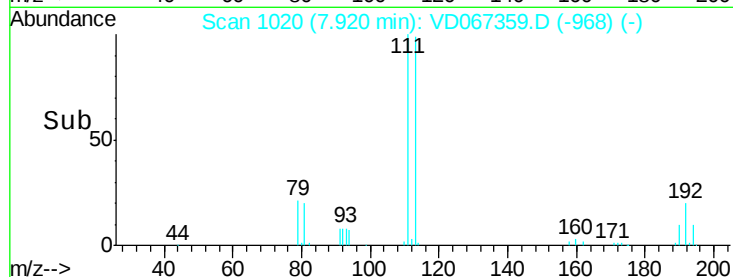
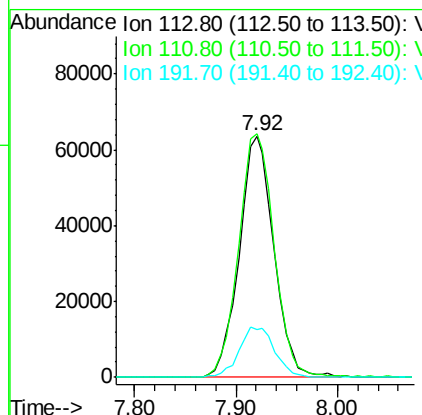
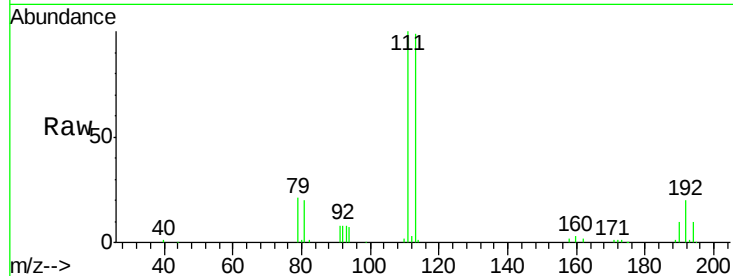




#35
 Dibromofluoromethane
 Concen: 48.889 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067359.D
 Acq: 22 Oct 2020 13:49

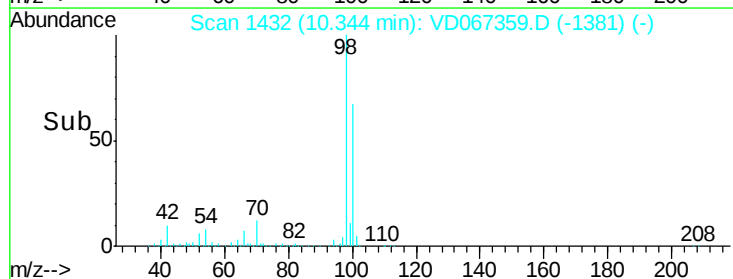
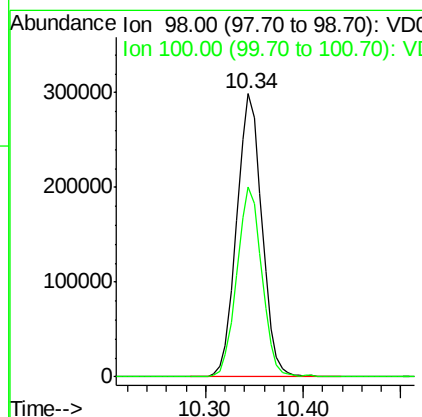
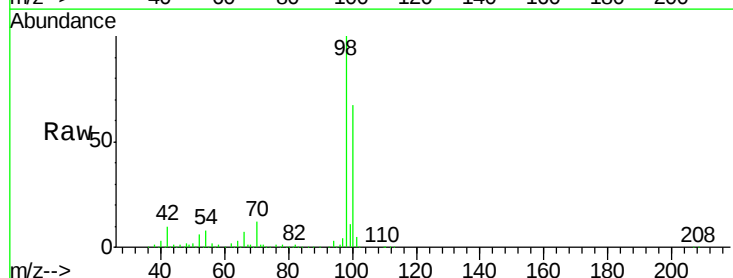
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-102120

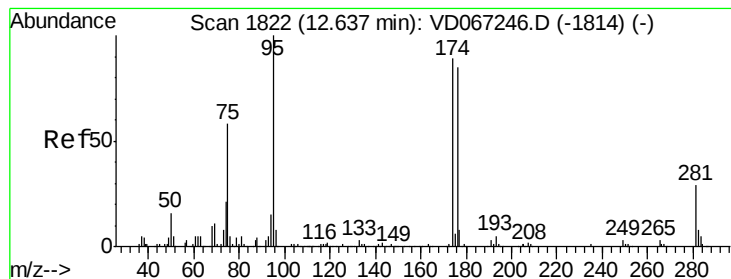
Tot Ion:113 Resp: 149886
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.6 122.4
 192 21.6 17.0 25.4



#50
 Toluene-d8
 Concen: 48.610 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067359.D
 Acq: 22 Oct 2020 13:49

Tgt Ion: 98 Resp: 539329
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 47.820 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067359.D

Acq: 22 Oct 2020 13:49

Instrument :

MSVOA_D

ClientSampleId :

SU-02-102120

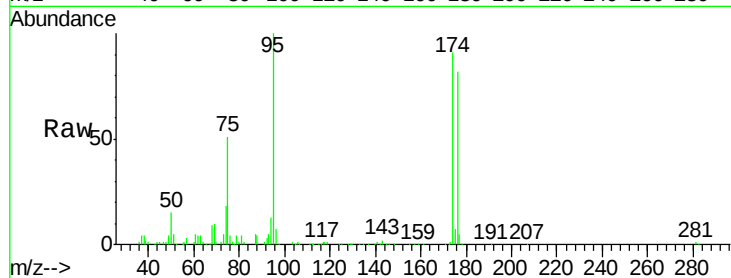
Tot Ion: 95 Resp: 184491

Ion Ratio Lower Upper

95 100

174 89.4 0.0 175.2

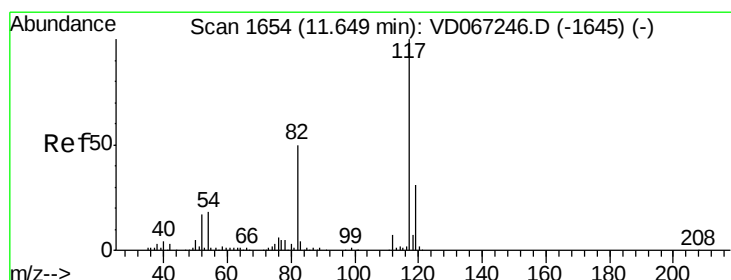
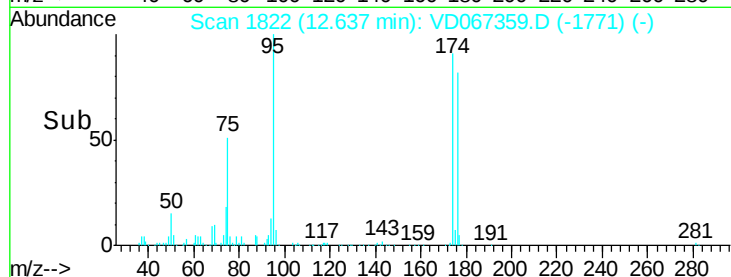
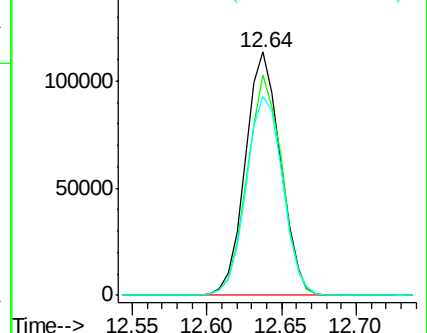
176 84.9 0.0 168.6



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: VD067359.D

Acq: 22 Oct 2020 13:49

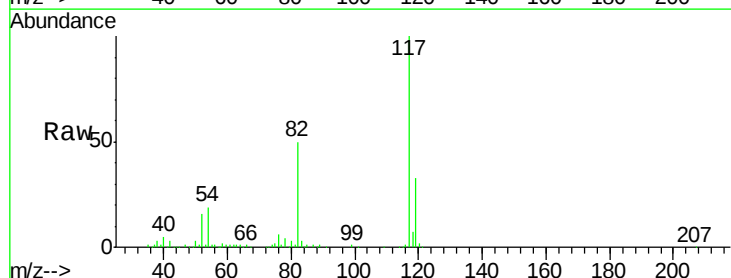
Tgt Ion: 117 Resp: 444348

Ion Ratio Lower Upper

117 100

82 50.4 39.9 59.9

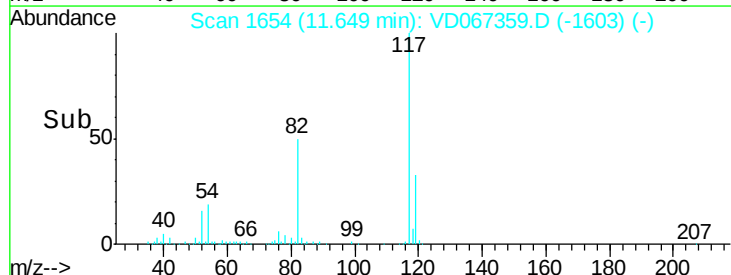
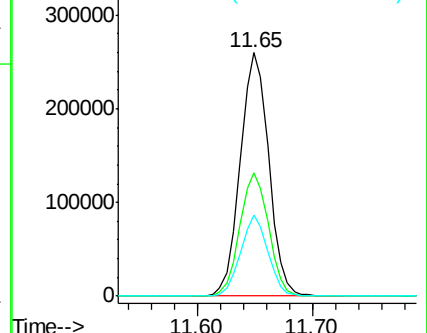
119 33.3 24.9 37.3

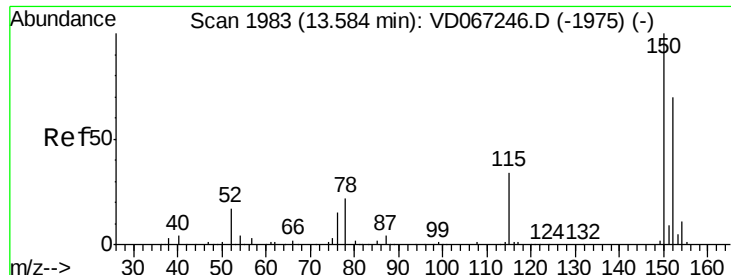


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

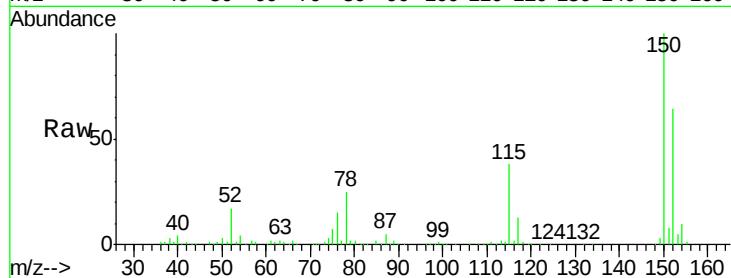




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: VD067359.D
 Acq: 22 Oct 2020 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-102120

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.3	87.9
150	157.9	0.0	339.0



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

