

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062920\
 Data File : VD065890.D
 Acq On : 29 Jun 2020 16:56
 Operator : VA/SY
 Sample : L3151-02
 Misc : 7.18G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-MW180-SOIL-584-588

Quant Time: Jun 30 05:06:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

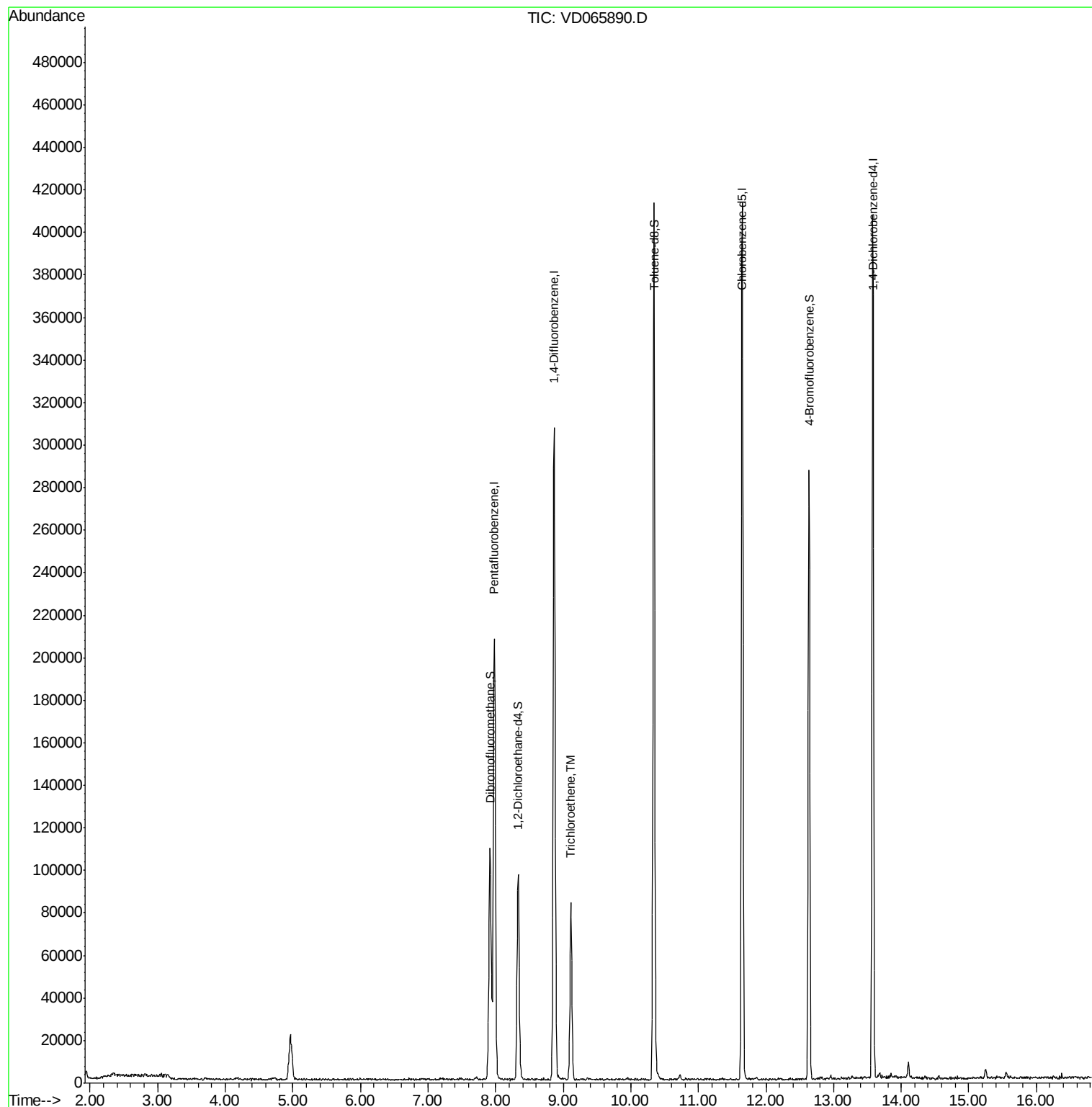
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	150692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	260323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	223412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	99724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	80232	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
35) Dibromofluoromethane	7.91	113	78674	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
50) Toluene-d8	10.34	98	280947	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
62) 4-Bromofluorobenzene	12.64	95	88966	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
Target Compounds						
44) Trichloroethene	9.11	130	29582	15.505	ug/l	Qvalue 98

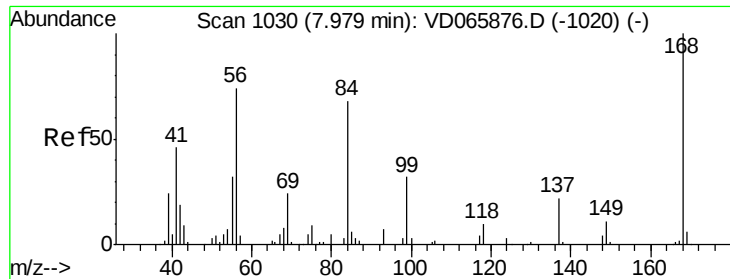
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD065890.D

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MSVOA_D

ClientSampleId :

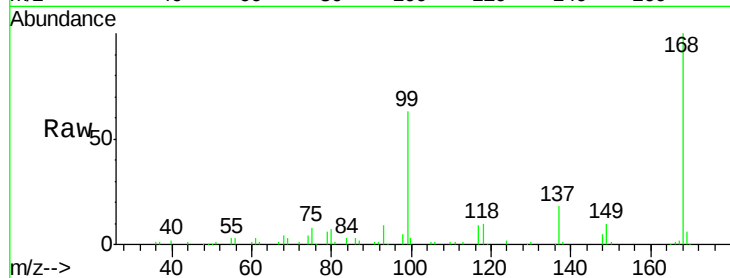
BP-MW180-SOIL-584-588

Tot Ion:168 Resp: 150692

Ion Ratio Lower Upper

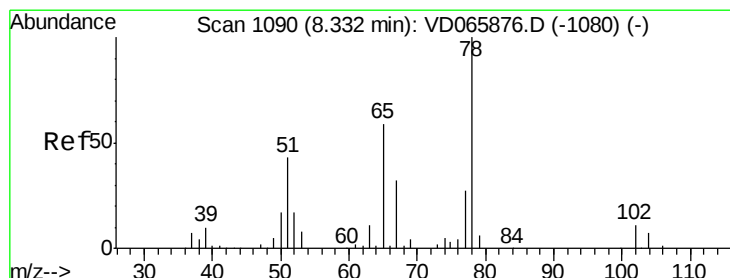
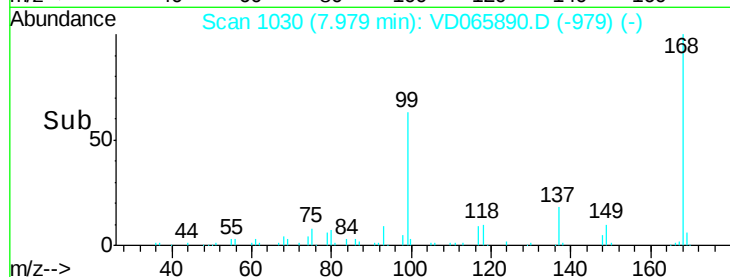
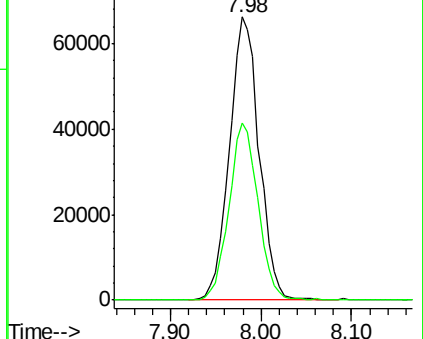
168 100

99 62.7 51.3 76.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 51.249 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD065890.D

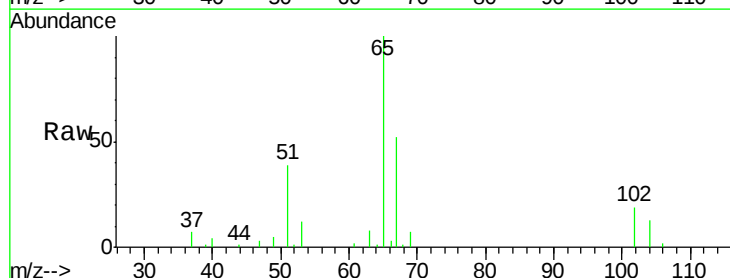
Acq: 29 Jun 2020 16:56

Tgt Ion: 65 Resp: 80232

Ion Ratio Lower Upper

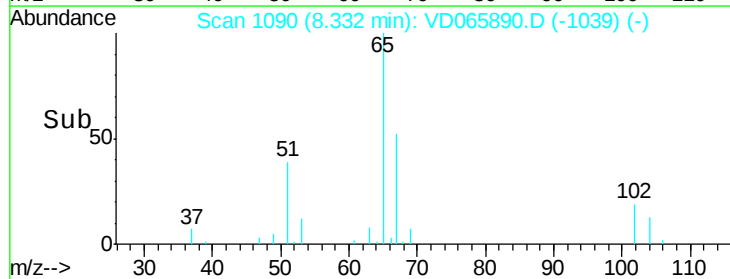
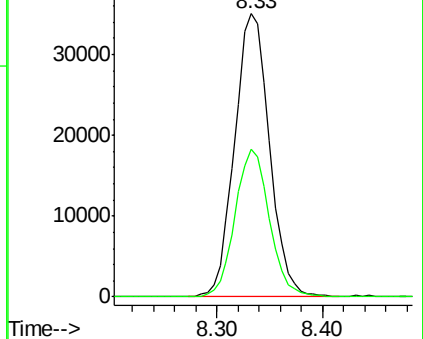
65 100

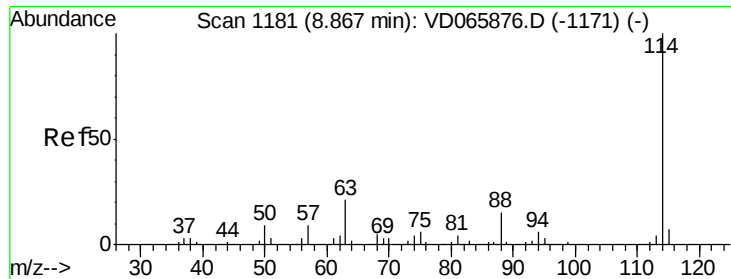
67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

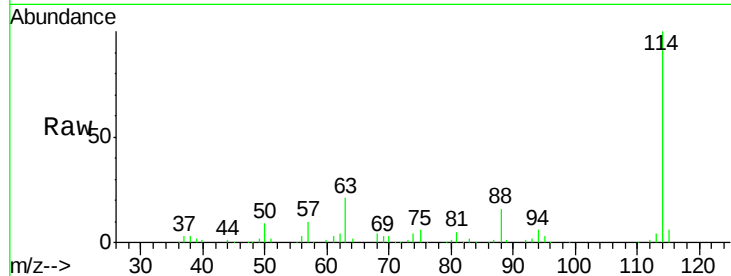




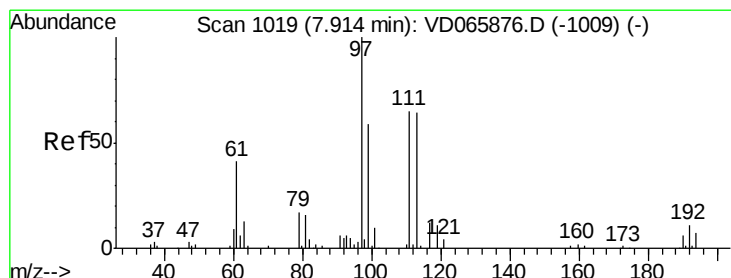
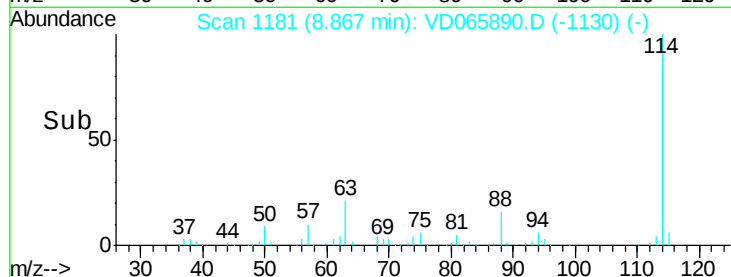
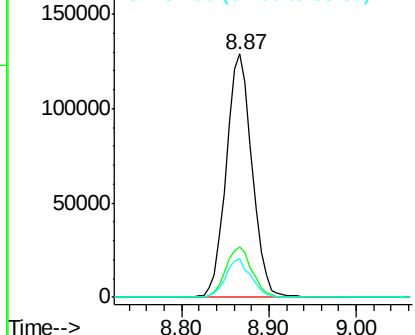
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065890.D
 Acq: 29 Jun 2020 16:56

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-MW180-SOIL-584-588

Tot Ion:114 Resp: 260323
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.6
 88 15.9 0.0 29.0

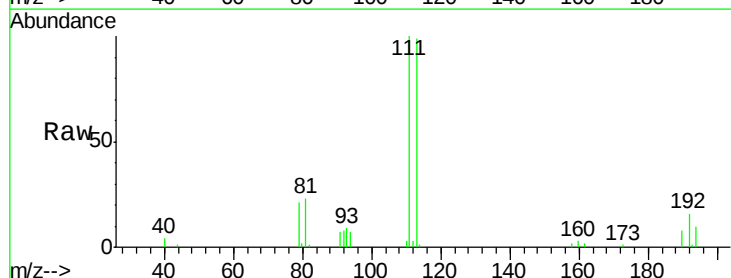


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

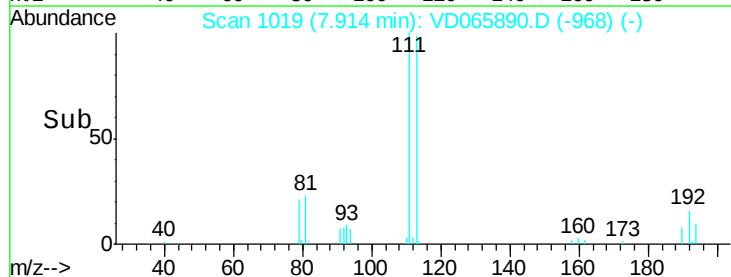
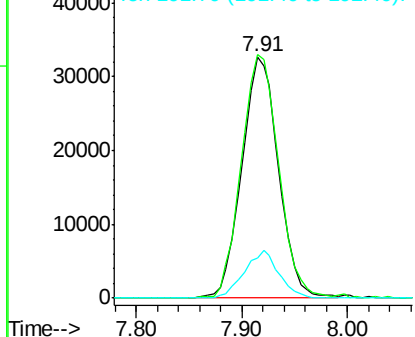


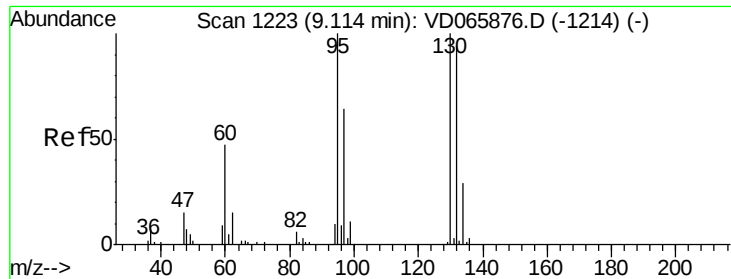
#35
 Dibromofluoromethane
 Concen: 48.894 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VD065890.D
 Acq: 29 Jun 2020 16:56

Tgt Ion:113 Resp: 78674
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 18.5 15.2 22.8



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





#44

Trichloroethene

Concen: 15.505 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. 0.00 min

Lab File: VD065890.D

Acq: 29 Jun 2020 16:56

Instrument :

MSVOA_D

ClientSampleId :

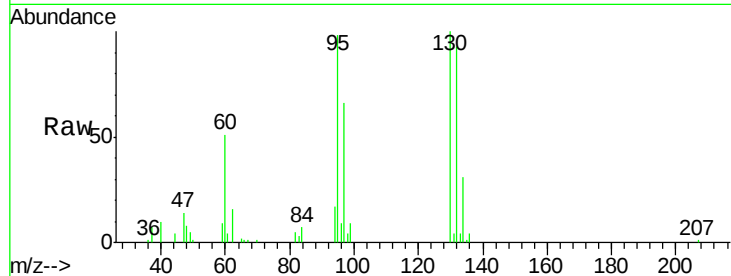
BP-MW180-SOIL-584-588

Tot Ion:130 Resp: 29582

Ion Ratio Lower Upper

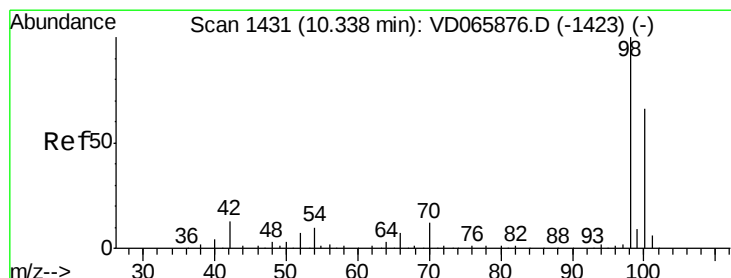
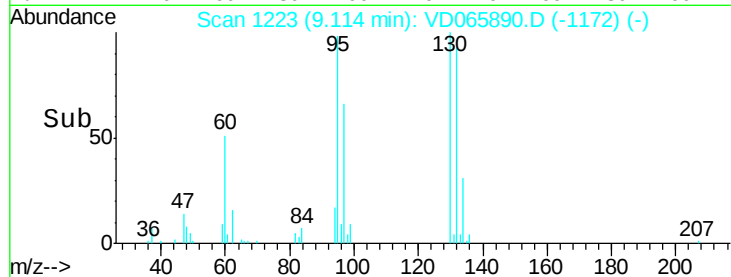
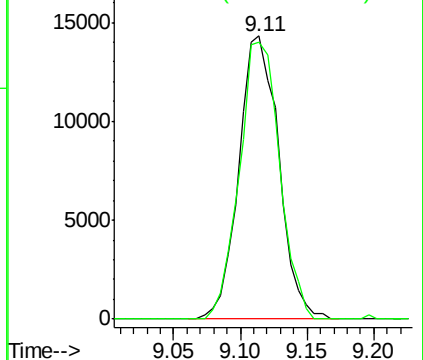
130 100

95 98.0 0.0 200.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 46.416 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD065890.D

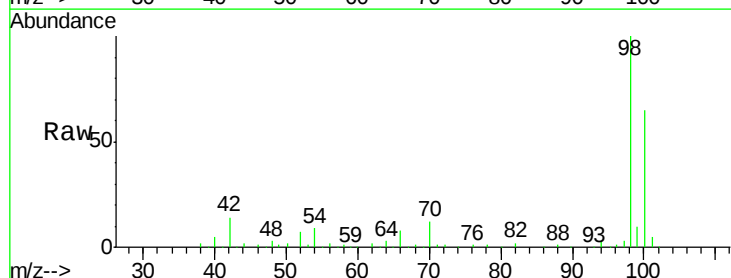
Acq: 29 Jun 2020 16:56

Tgt Ion: 98 Resp: 280947

Ion Ratio Lower Upper

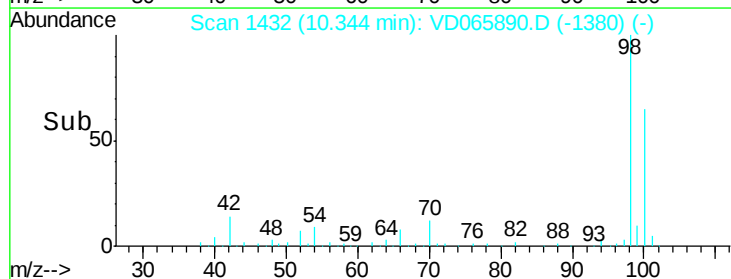
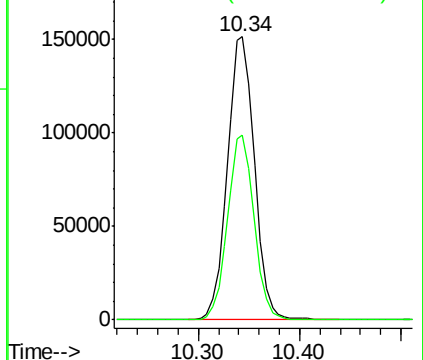
98 100

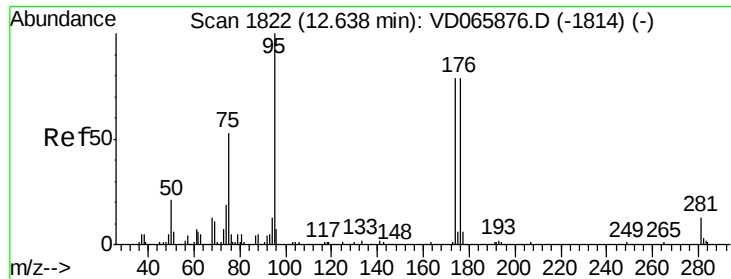
100 63.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

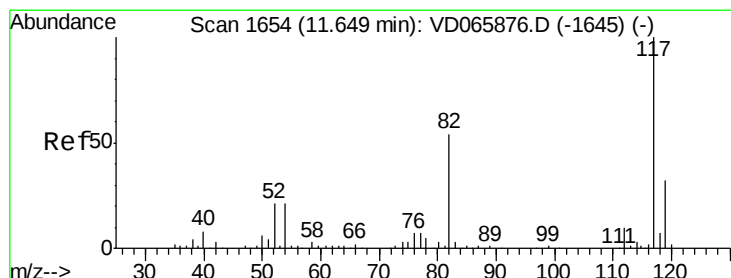
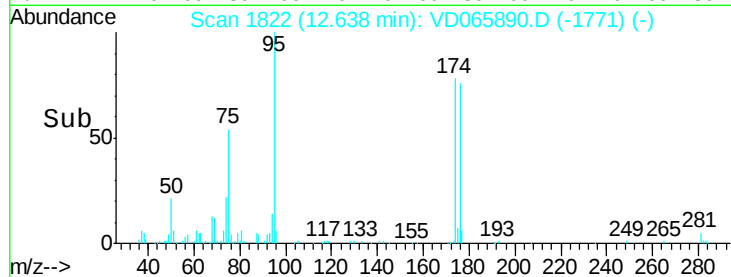
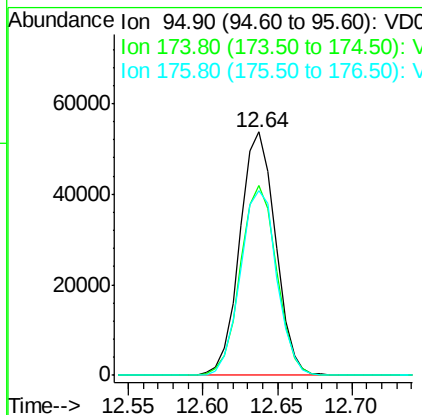
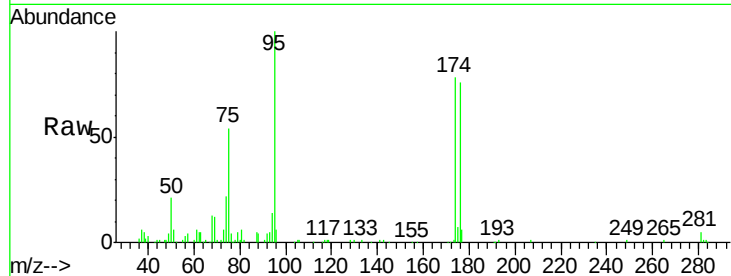




#62
4-Bromofluorobenzene
Concen: 44.867 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065890.D
Acq: 29 Jun 2020 16:56

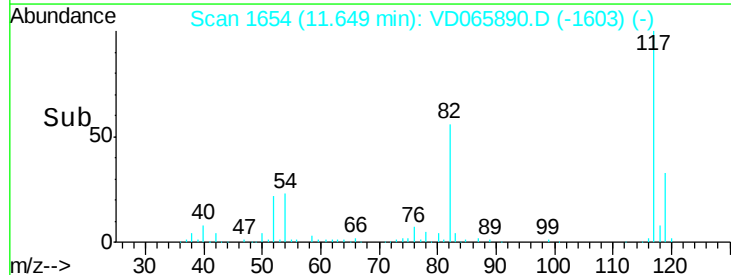
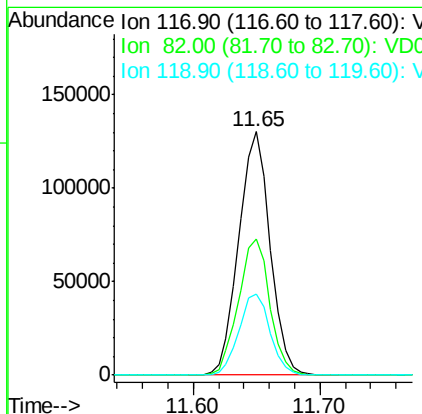
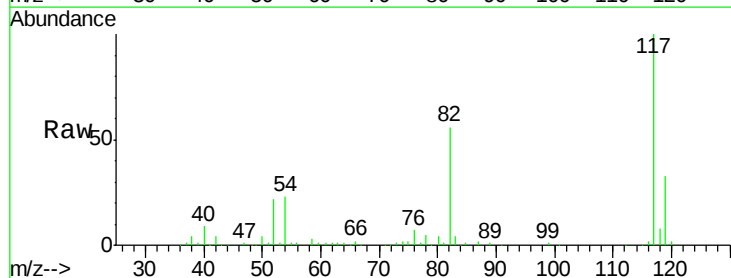
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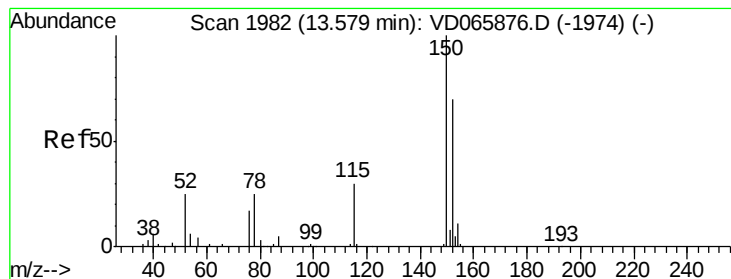
Tot Ion: 95 Resp: 88966
Ion Ratio Lower Upper
95 100
174 79.2 0.0 158.4
176 77.4 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065890.D
Acq: 29 Jun 2020 16:56

Tgt Ion: 117 Resp: 223412
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 33.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD065890.D

Acq: 29 Jun 2020 16:56

Instrument :

MSVOA_D

ClientSampleId :

BP-MW180-SOIL-584-588

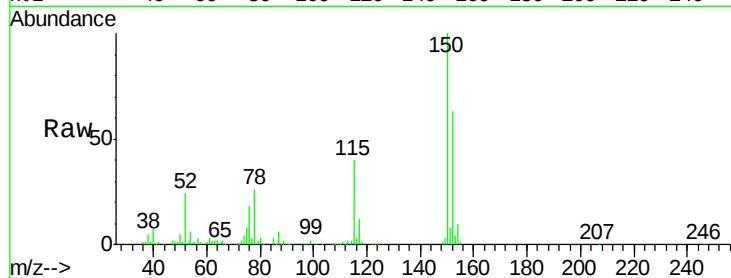
Tot Ion:152 Resp: 99724

Ion Ratio Lower Upper

152 100

115 60.6 29.7 89.1

150 156.2 0.0 346.2



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

