

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101119\
 Data File : VD063933.D
 Acq On : 11 Oct 2019 13:21
 Operator : VA/SY
 Sample : K5324-01
 Misc : 7.83G/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Quant Time: Oct 12 02:08:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100219S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 05 03:51:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	169033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	306786	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	303487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145869	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	90863	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
35) Dibromofluoromethane	7.92	113	94066	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
50) Toluene-d8	10.34	98	395588	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.63	95	120880	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	

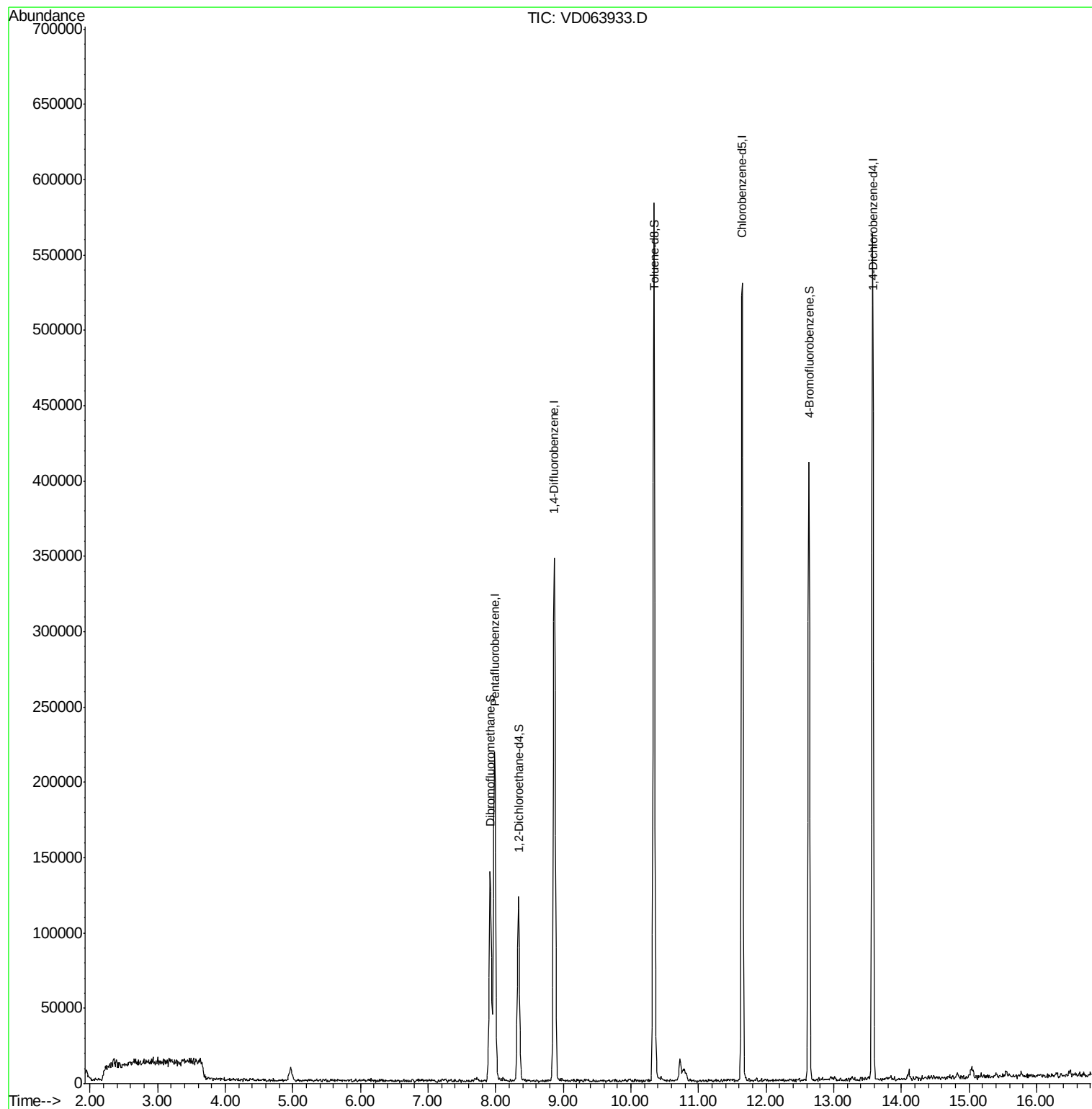
Target Compounds	Qvalue

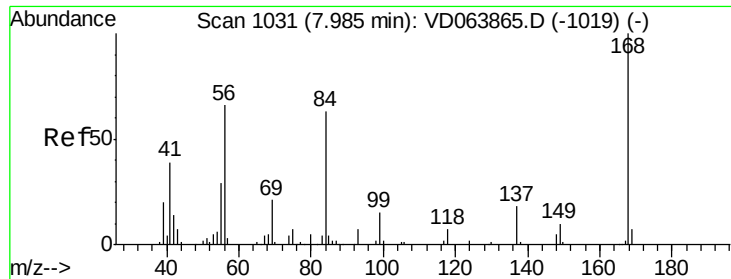
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063933.D

Acq: 11 Oct 2019 13:21

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MSVOA_D

ClientSampleId :

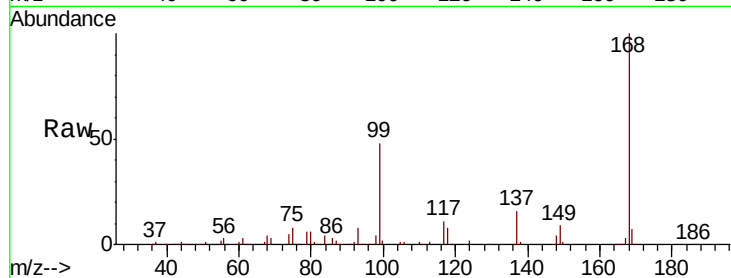
SOIL-PILE

Tot Ion:168 Resp: 169033

Ion Ratio Lower Upper

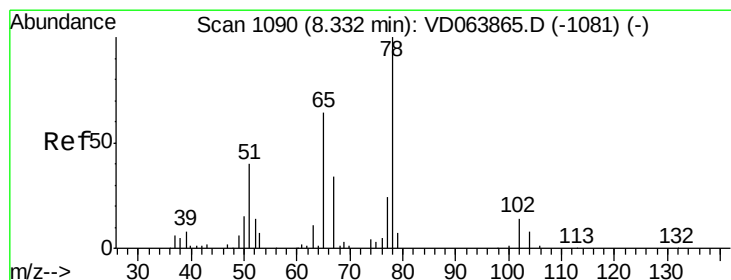
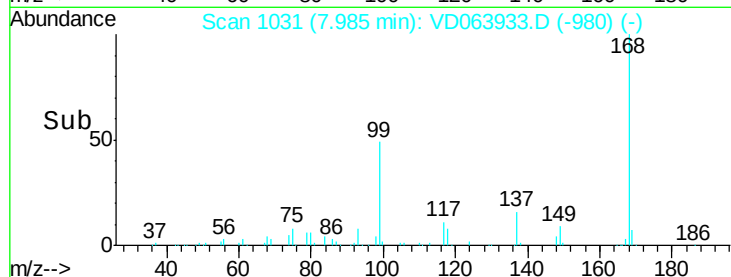
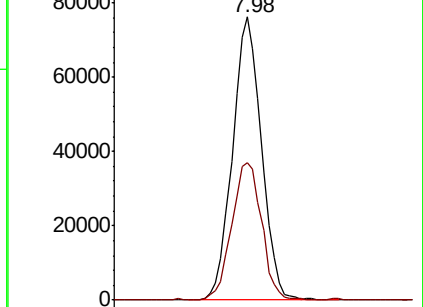
168 100

99 48.4 43.0 64.4



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: 55.214 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD063933.D

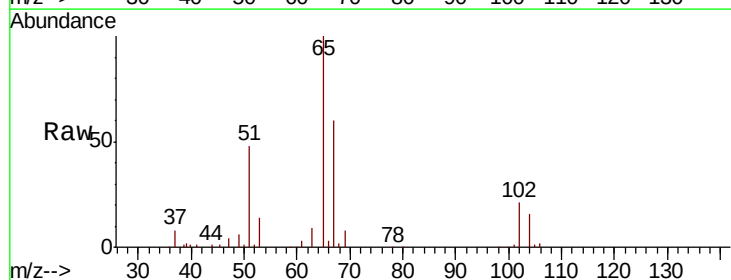
Acq: 11 Oct 2019 13:21

Tgt Ion: 65 Resp: 90863

Ion Ratio Lower Upper

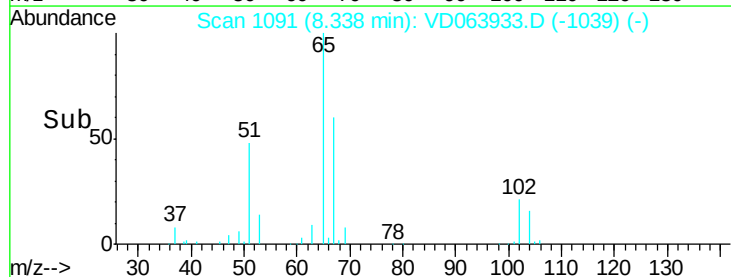
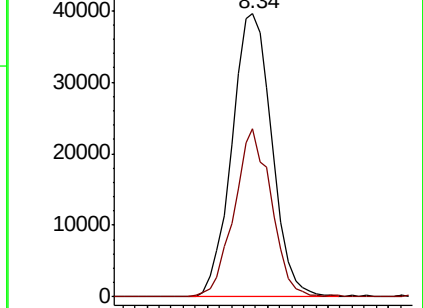
65 100

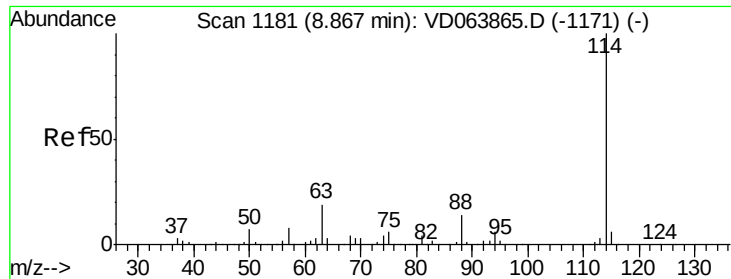
67 55.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

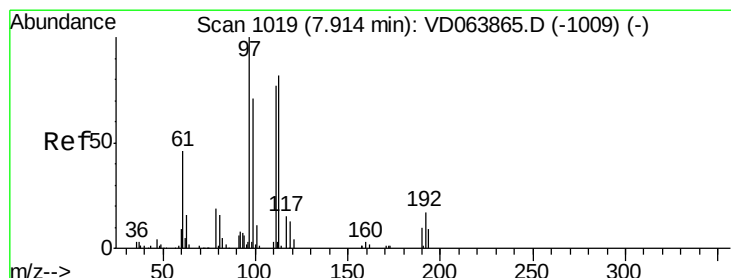
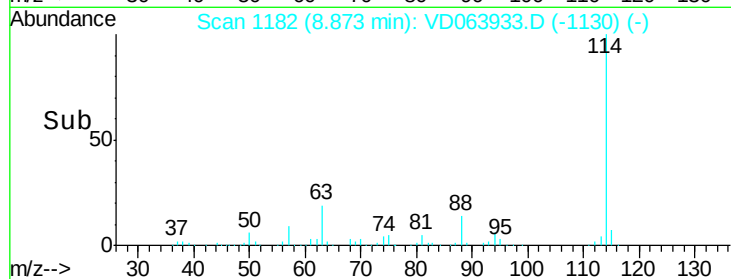
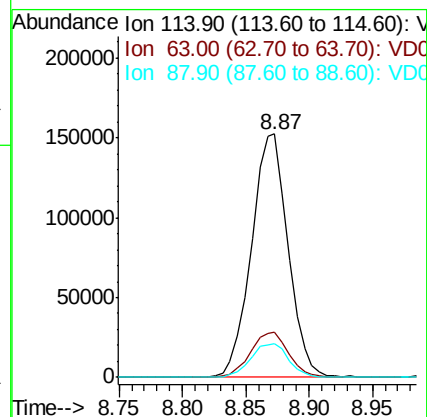
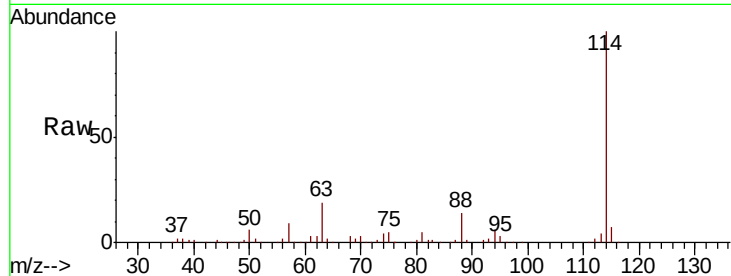




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD063933.D
 Acq: 11 Oct 2019 13:21

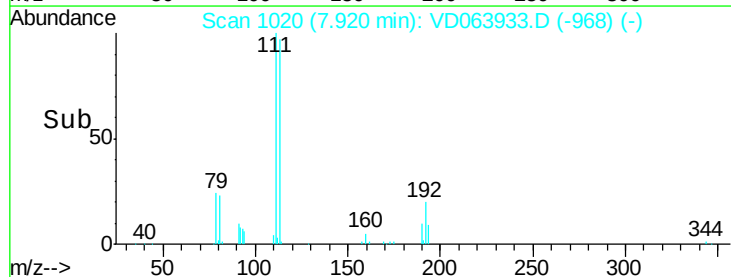
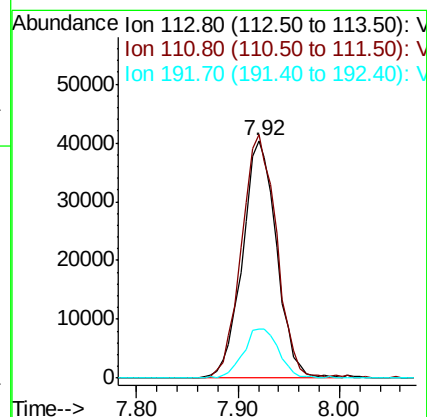
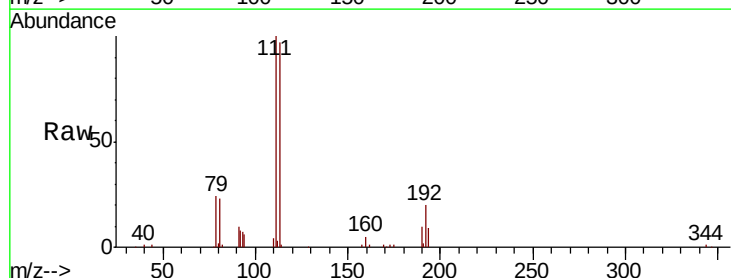
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

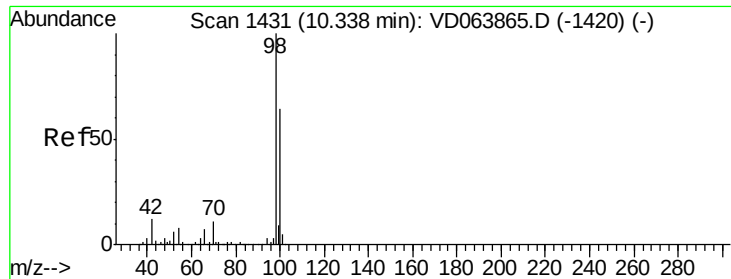
Tot Ion:114 Resp: 306786
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 14.1 0.0 27.4



#35
 Dibromofluoromethane
 Concen: 50.172 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD063933.D
 Acq: 11 Oct 2019 13:21

Tgt Ion:113 Resp: 94066
 Ion Ratio Lower Upper
 113 100
 111 105.5 82.6 123.8
 192 21.4 17.1 25.7

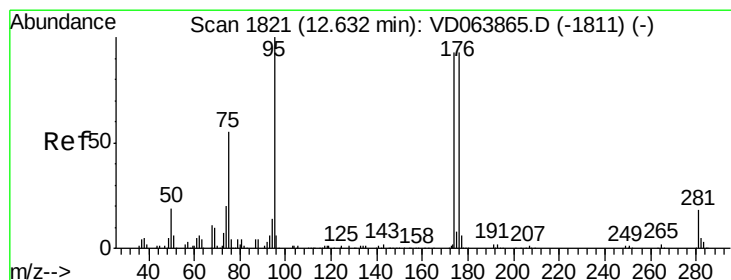
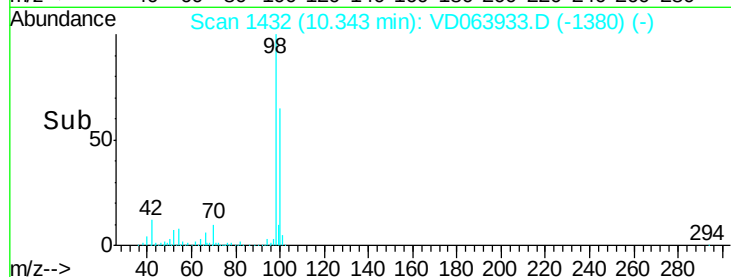
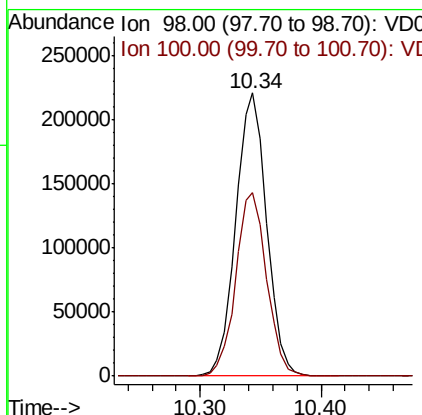
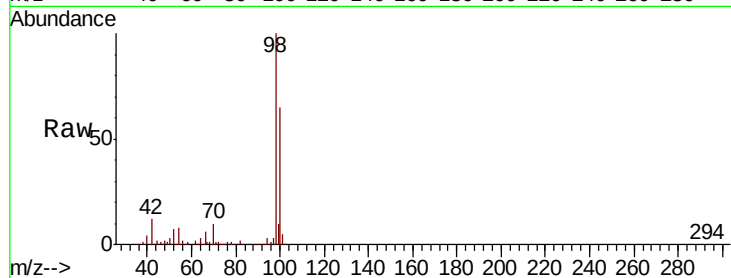




#50
Toluene-d8
Concen: 51.984 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD063933.D
Acq: 11 Oct 2019 13:21

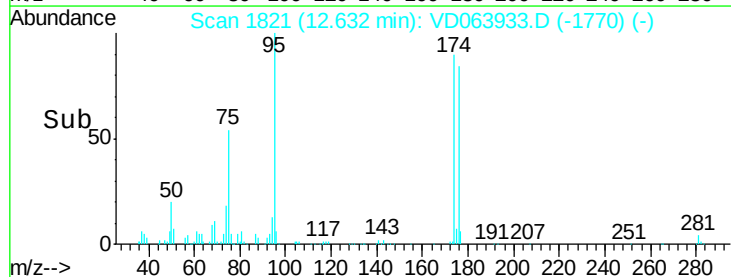
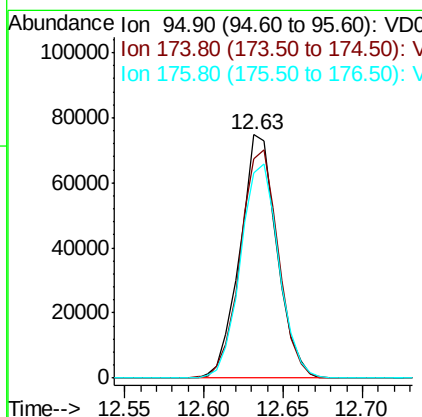
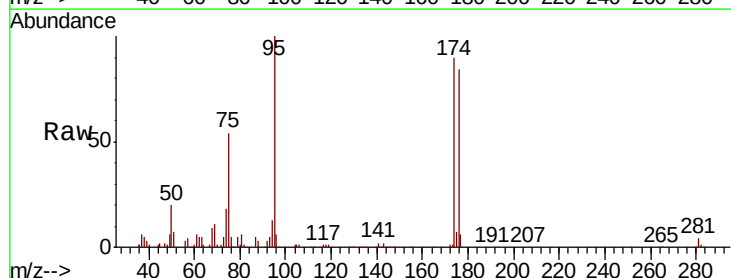
Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

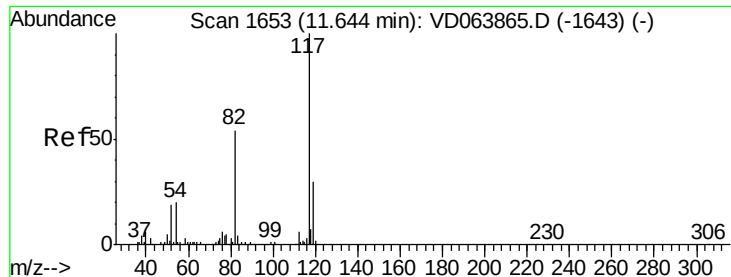
Tot Ion: 98 Resp: 395588
Ion Ratio Lower Upper
98 100
100 64.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.712 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD063933.D
Acq: 11 Oct 2019 13:21

Tgt Ion: 95 Resp: 120880
Ion Ratio Lower Upper
95 100
174 96.5 0.0 186.4
176 91.6 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.01 min

Lab File: VD063933.D

Acq: 11 Oct 2019 13:21

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE

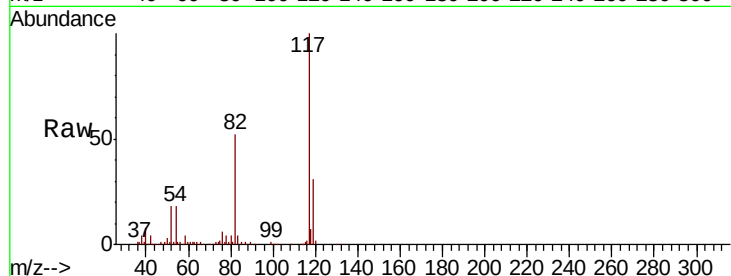
Tot Ion:117 Resp: 303487

Ion Ratio Lower Upper

117 100

82 52.2 42.8 64.2

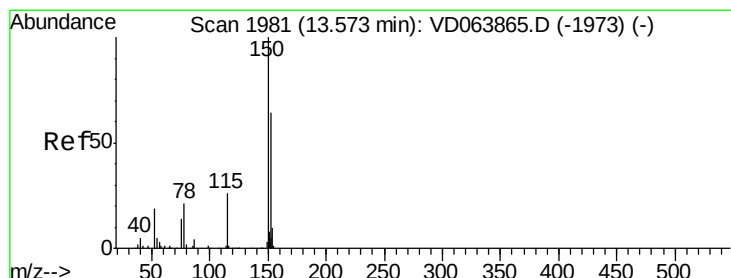
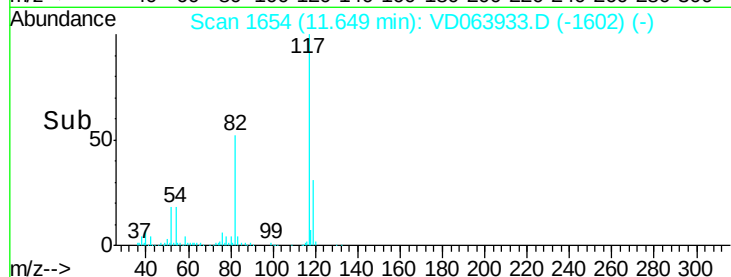
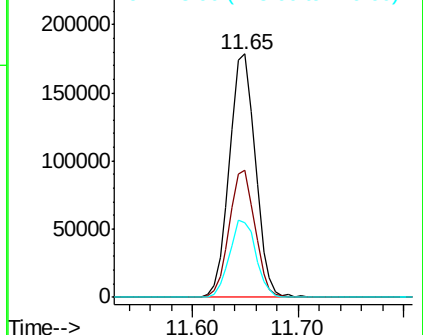
119 30.5 24.4 36.6



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: VD063933.D

Acq: 11 Oct 2019 13:21

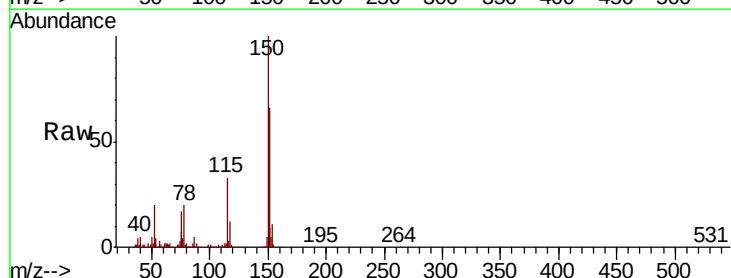
Tgt Ion:152 Resp: 145869

Ion Ratio Lower Upper

152 100

115 54.0 25.9 77.7

150 158.4 0.0 344.2



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

