

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067350.D
 Acq On : 21 Oct 2020 16:21
 Operator : VA/SY
 Sample : L4480-01
 Misc : 6.06G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IS-SOIL-PILE

Quant Time: Oct 22 01:02:09 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

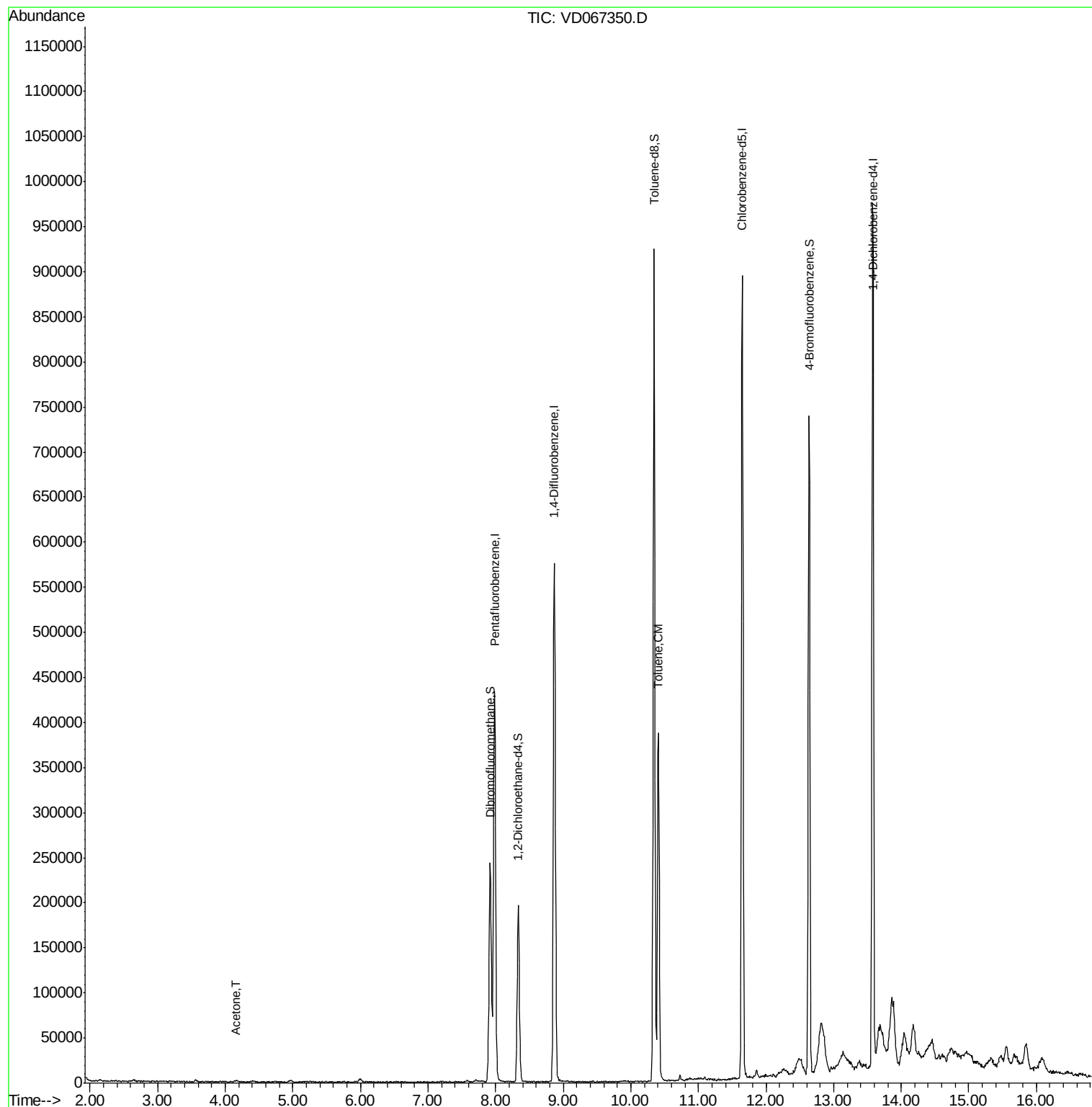
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	323764	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	530839	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	526716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	271181	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	165814	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	7.92	113	171243	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	10.34	98	630625	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	12.64	95	244037	54.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.80%	
Target Compounds						
16) Acetone	4.16	43	2821	6.210	ug/l	91
52) Toluene	10.41	92	175069	20.824	ug/l	100

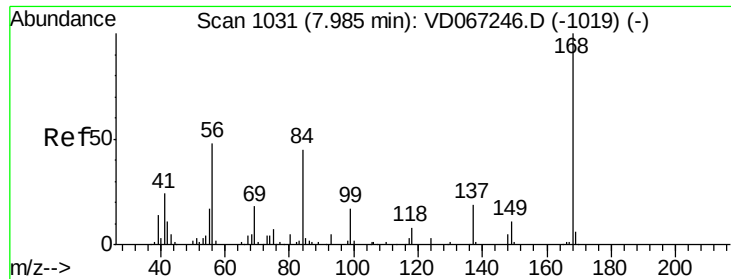
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
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: VD067350.D

Acq: 21 Oct 2020 16:21

Instrument :

MSVOA_D

ClientSampleId :

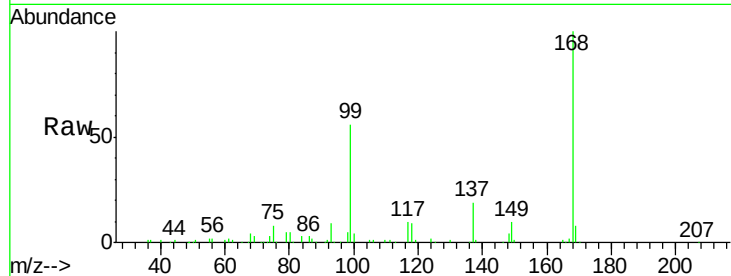
IS-SOIL-PILE

Tot Ion:168 Resp: 323764

Ion Ratio Lower Upper

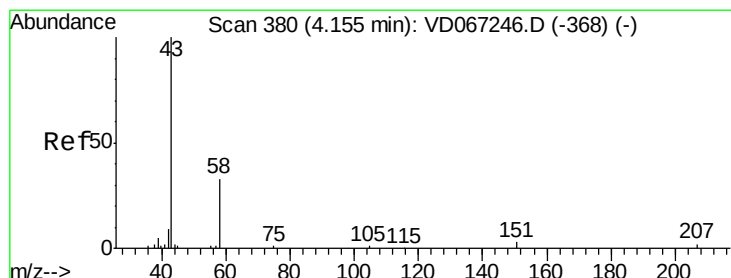
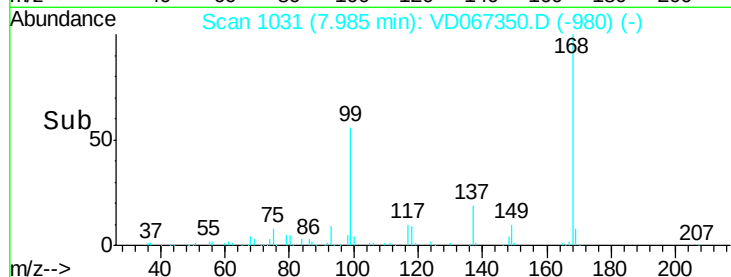
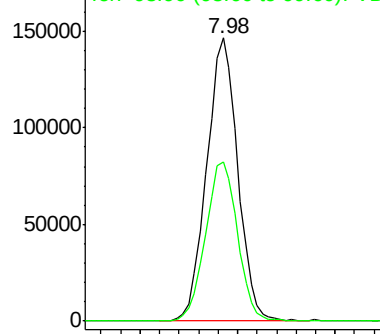
168 100

99 56.4 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: 6.210 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067350.D

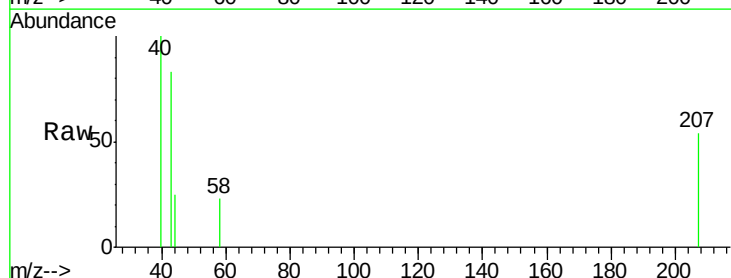
Acq: 21 Oct 2020 16:21

Tgt Ion: 43 Resp: 2821

Ion Ratio Lower Upper

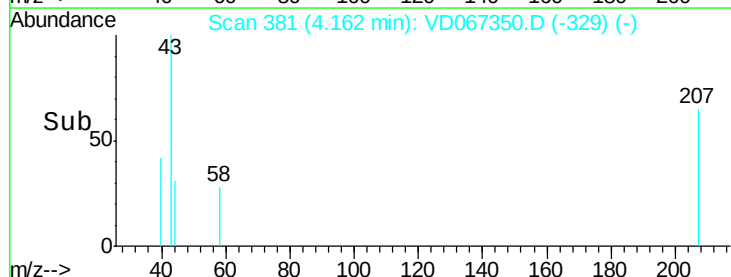
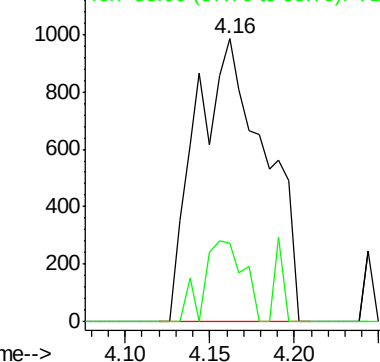
43 100

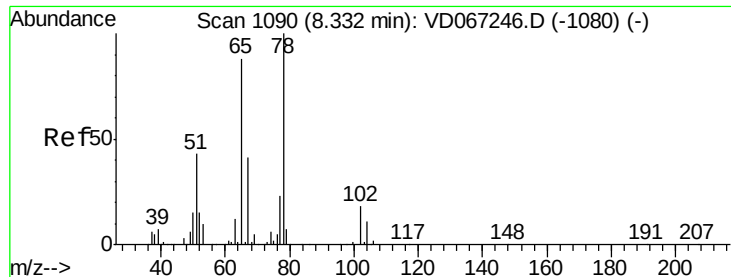
58 27.5 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

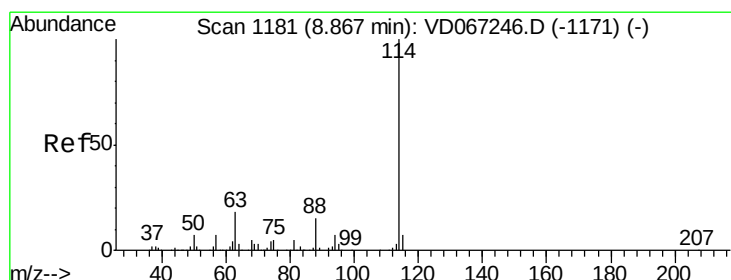
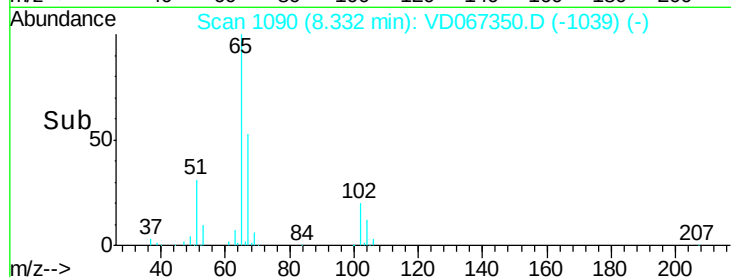
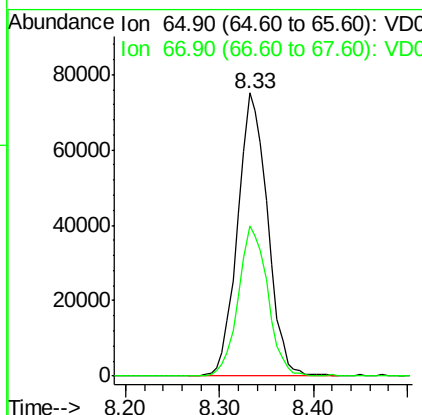
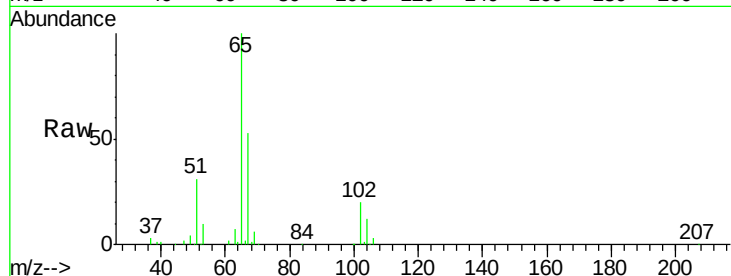




#33
 1,2-Dichloroethane-d4
 Concen: 51.120 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VD067350.D
 Acq: 21 Oct 2020 16:21

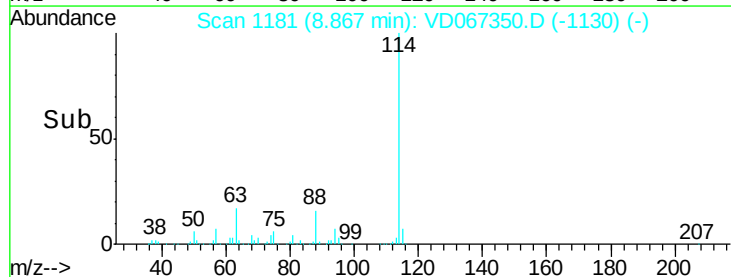
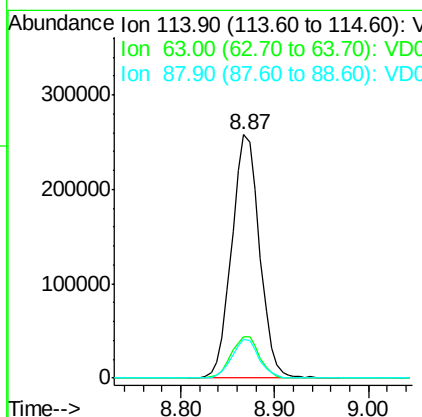
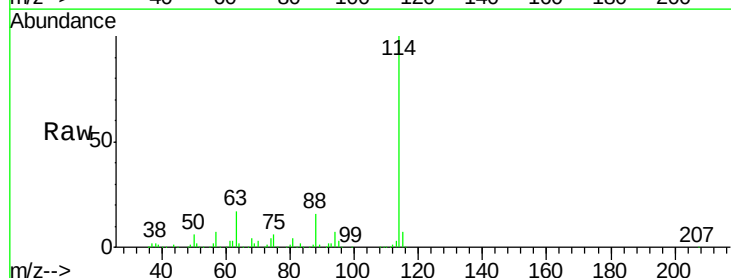
Instrument :
 MSVOA_D
 ClientSampleId :
 IS-SOIL-PILE

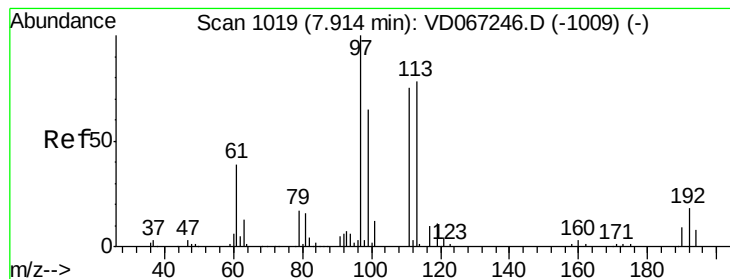
Tot Ion: 65 Resp: 165814
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067350.D
 Acq: 21 Oct 2020 16:21

Tgt Ion: 114 Resp: 530839
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.473 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067350.D

Acq: 21 Oct 2020 16:21

Instrument :

MSVOA_D

ClientSampleId :

IS-SOIL-PILE

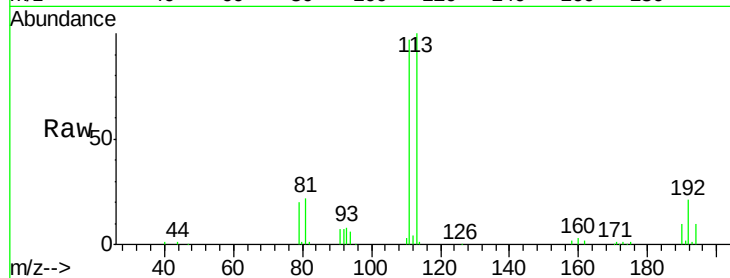
Tot Ion:113 Resp: 171243

Ion Ratio Lower Upper

113 100

111 100.7 81.6 122.4

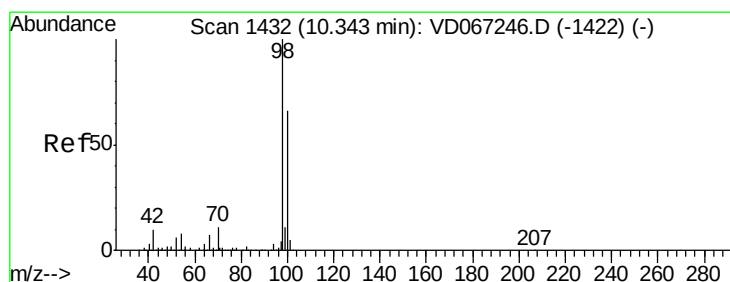
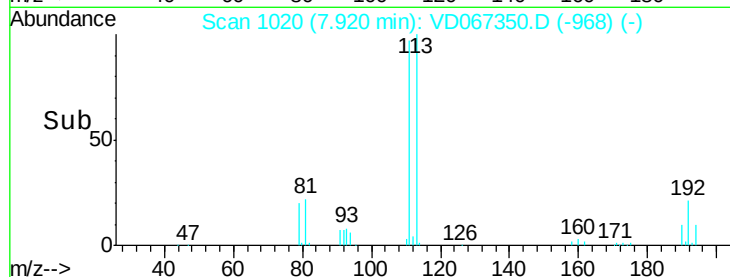
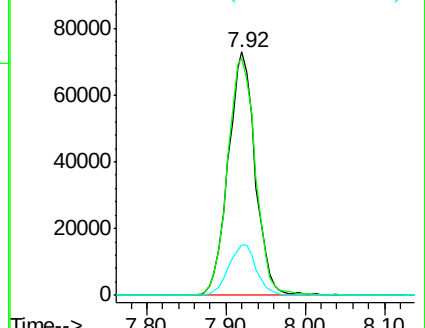
192 21.2 17.0 25.4



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



#50

Toluene-d8

Concen: 49.327 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067350.D

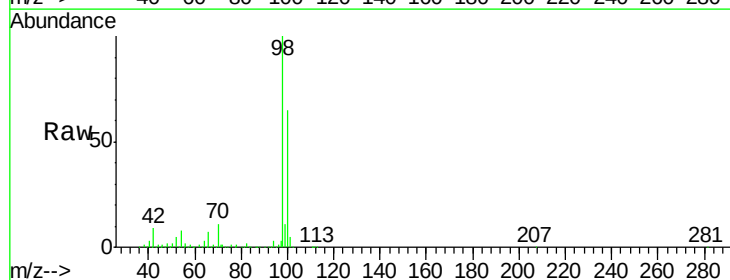
Acq: 21 Oct 2020 16:21

Tgt Ion: 98 Resp: 630625

Ion Ratio Lower Upper

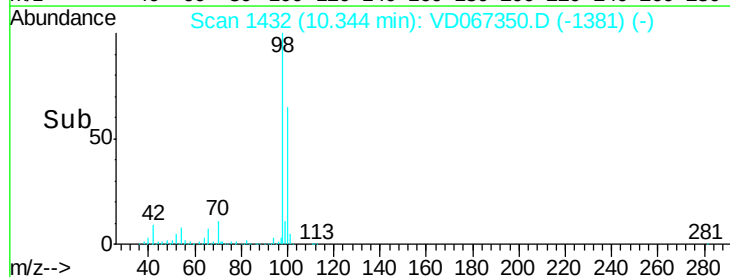
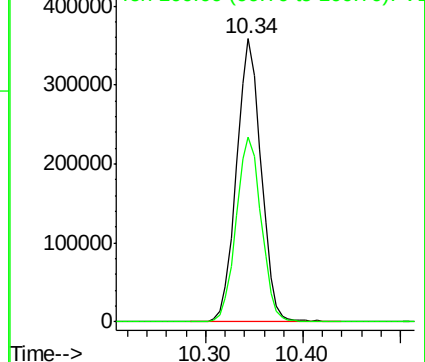
98 100

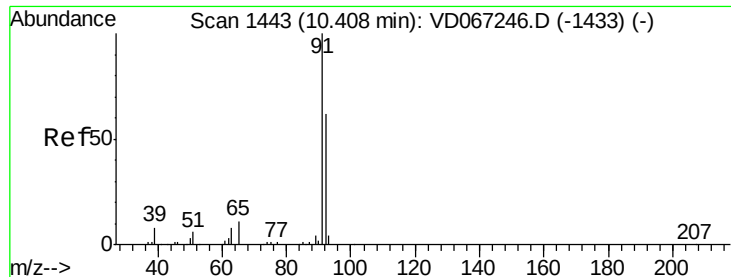
100 66.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 20.824 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067350.D

Acq: 21 Oct 2020 16:21

Instrument :

MSVOA_D

ClientSampleId :

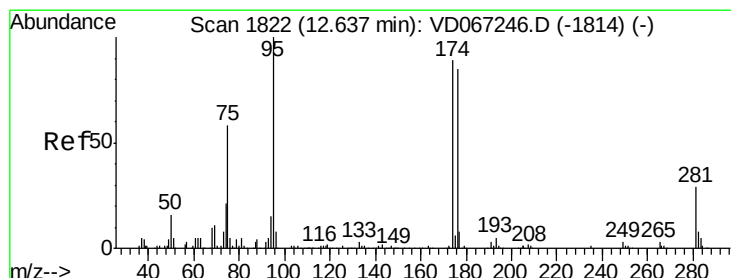
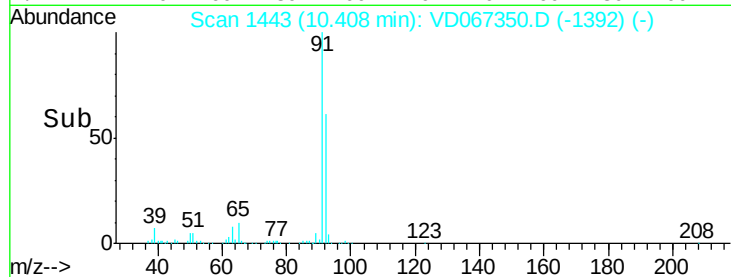
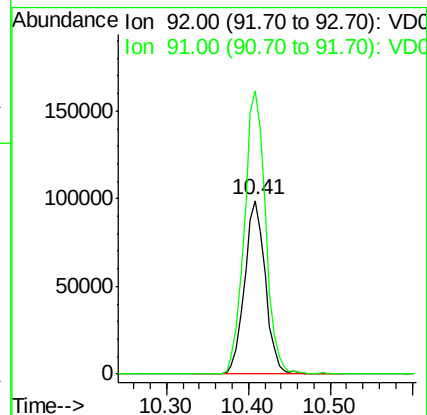
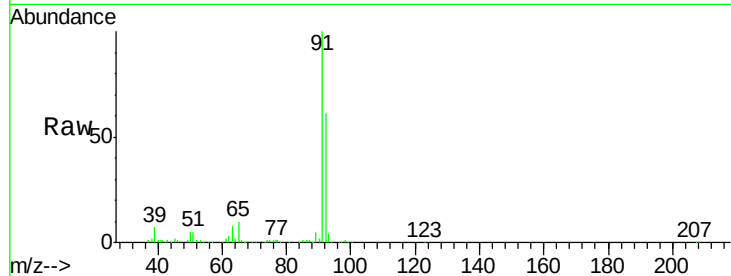
IS-SOIL-PILE

Tot Ion: 92 Resp: 175069

Ion Ratio Lower Upper

92 100

91 167.1 133.8 200.8



#62

4-Bromofluorobenzene

Concen: 54.895 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067350.D

Acq: 21 Oct 2020 16:21

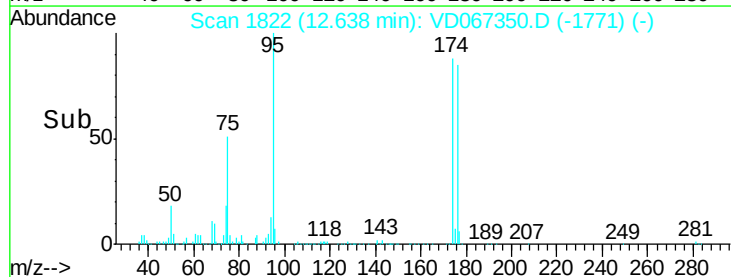
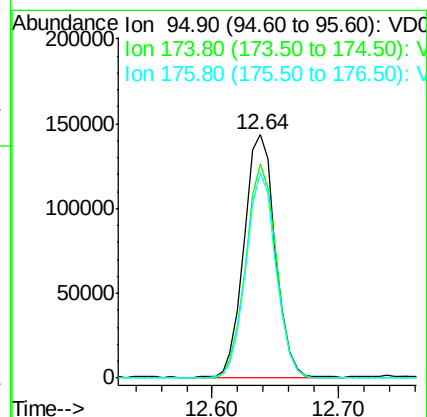
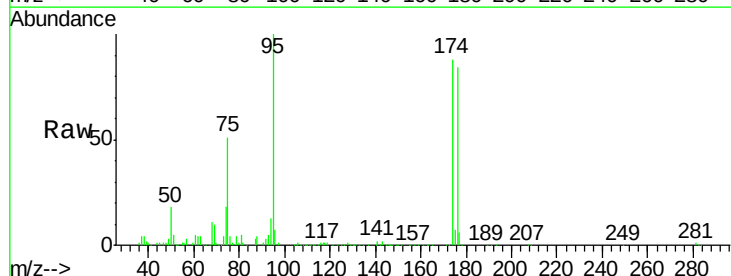
Tgt Ion: 95 Resp: 244037

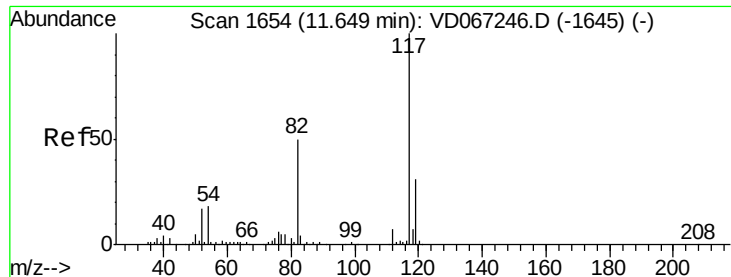
Ion Ratio Lower Upper

95 100

174 86.1 0.0 175.2

176 81.8 0.0 168.6

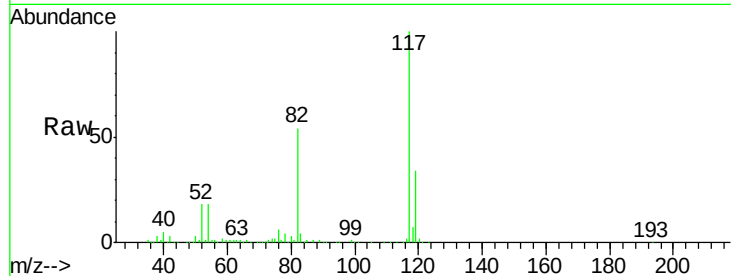




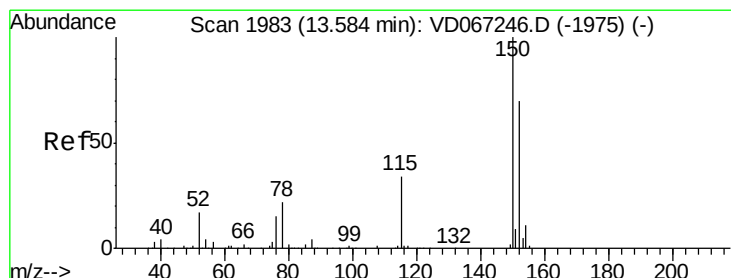
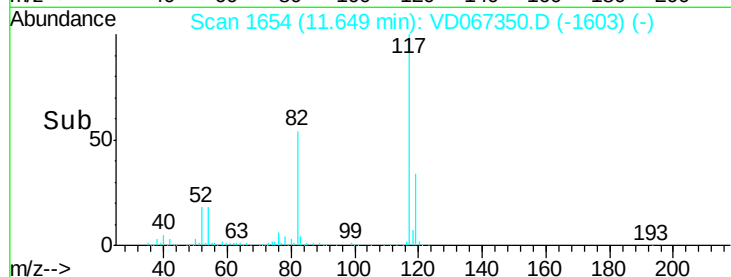
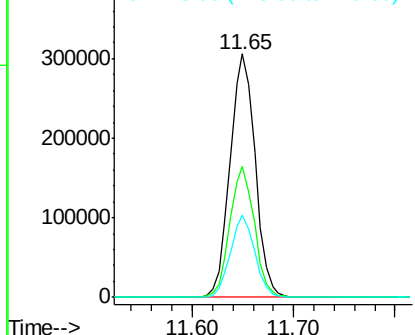
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067350.D
Acq: 21 Oct 2020 16:21

Instrument :
MSVOA_D
ClientSampleId :
IS-SOIL-PILE

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	39.9	59.9
119	33.6	24.9	37.3

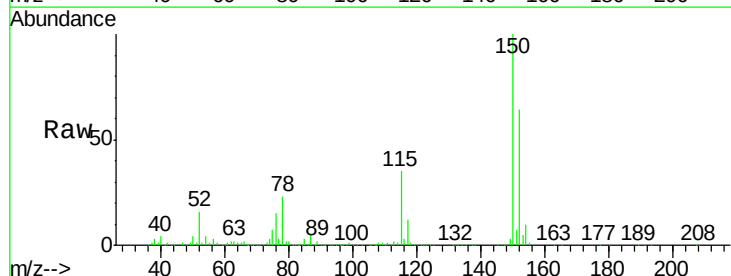


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067350.D
Acq: 21 Oct 2020 16:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.3	87.9
150	156.4	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

