

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112519\
 Data File : VD064368.D
 Acq On : 25 Nov 2019 18:54
 Operator : VA/SY
 Sample : K6021-01
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-001-E

Quant Time: Nov 26 06:29:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	108990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	176583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	169091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	90455	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	73879	82.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	164.84%	
35) Dibromofluoromethane	7.92	113	59082	58.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.58%	
50) Toluene-d8	10.34	98	206594	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.64	95	75767	57.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.44%	

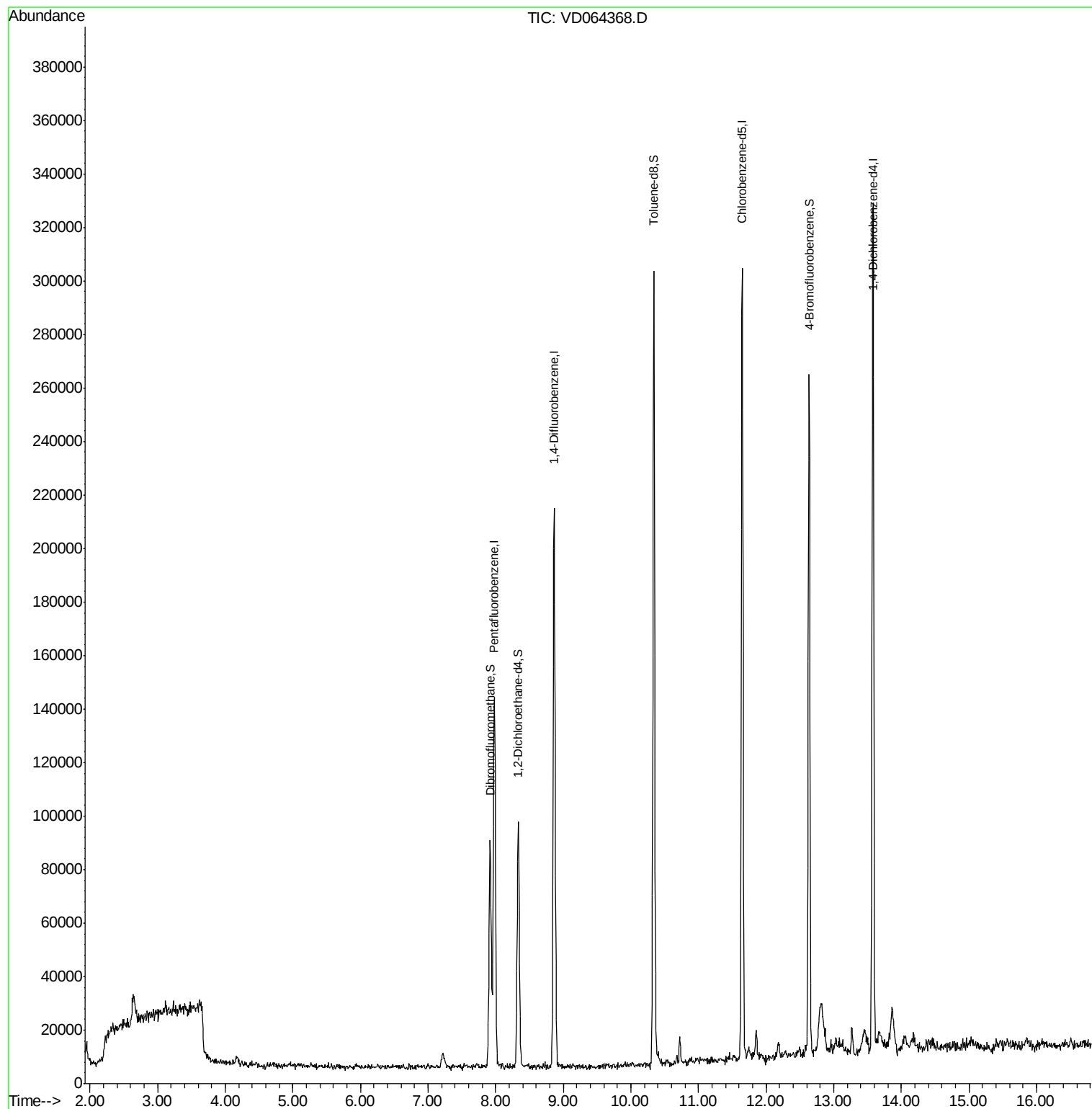
Target Compounds	Qvalue

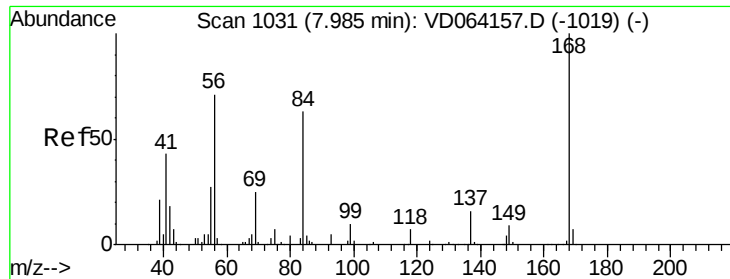
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 12 02:43:24 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064368.D

Acq: 25 Nov 2019 18:54

Instrument :

MSVOA_D

ClientSampleId :

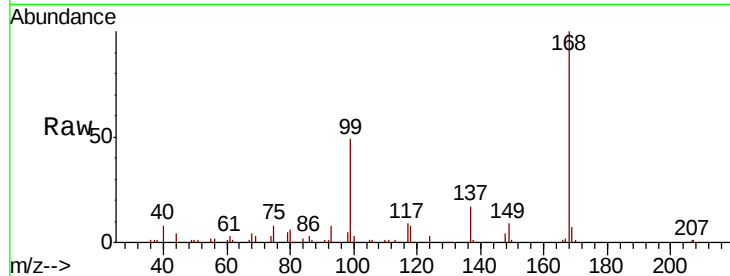
SOIL-001-E

Tot Ion:168 Resp: 108990

Ion Ratio Lower Upper

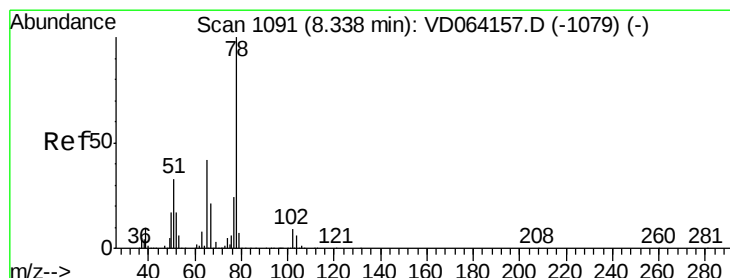
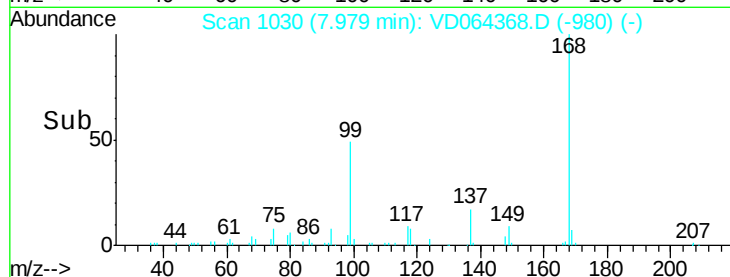
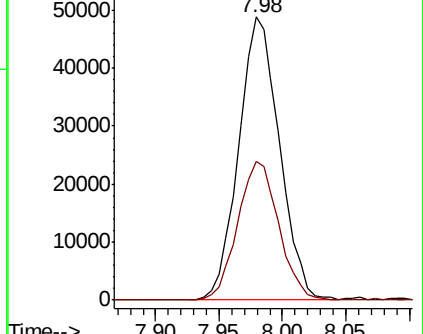
168 100

99 49.0 41.6 62.4



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: 82.419 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064368.D

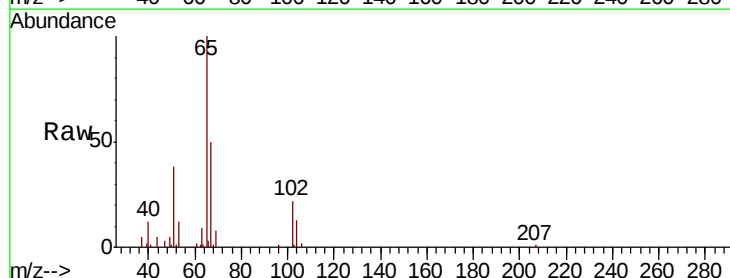
Acq: 25 Nov 2019 18:54

Tgt Ion: 65 Resp: 73879

Ion Ratio Lower Upper

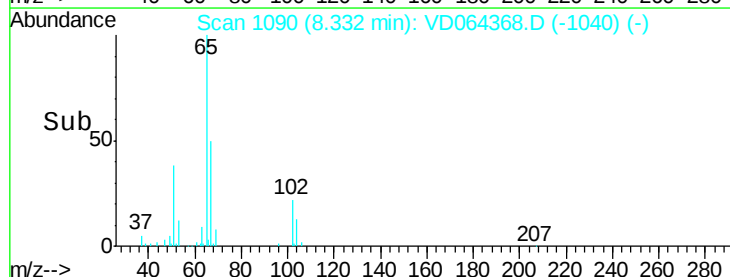
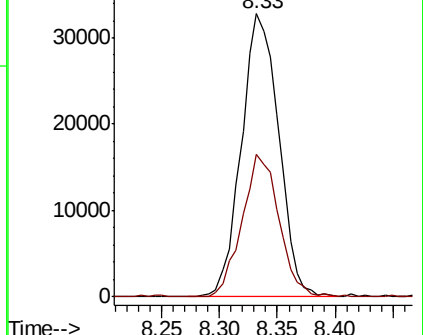
65 100

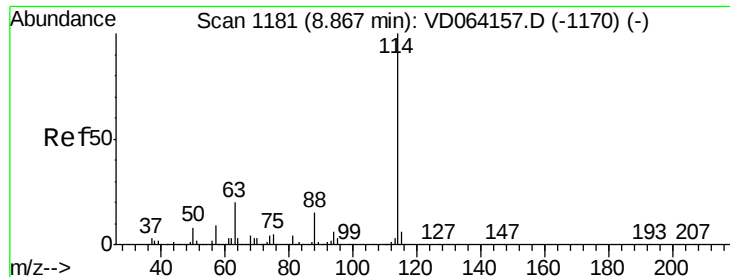
67 49.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

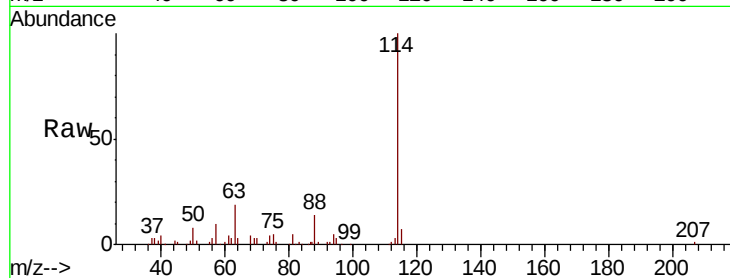




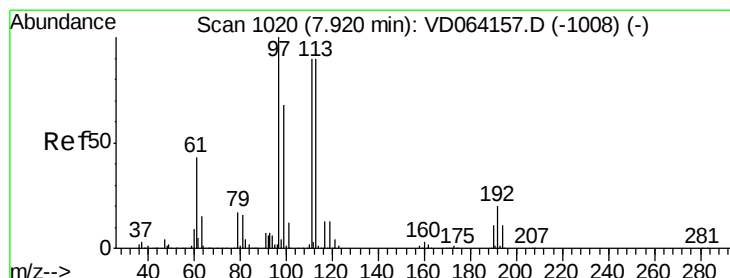
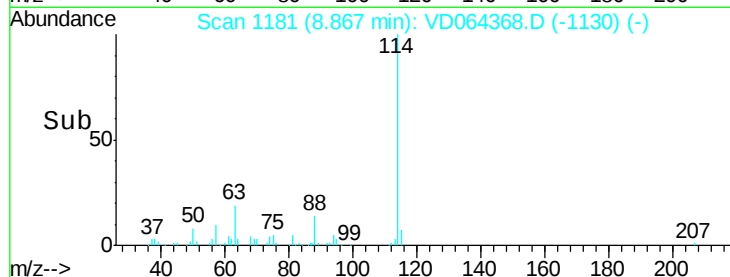
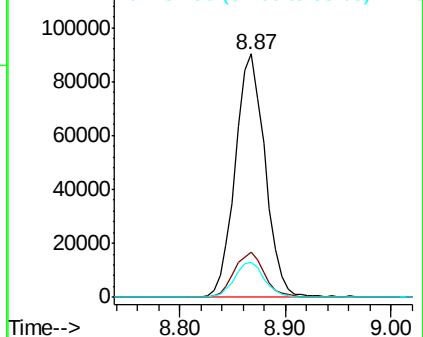
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064368.D
 Acq: 25 Nov 2019 18:54

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-001-E

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	40.0
88	14.5	0.0	30.2

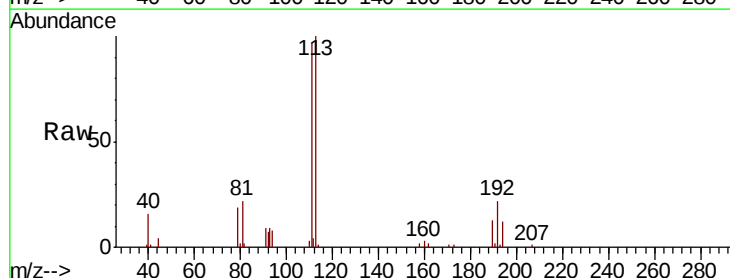


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

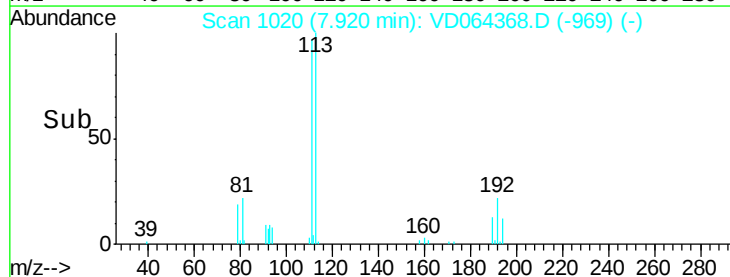
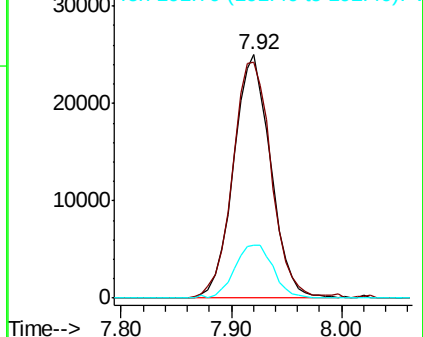


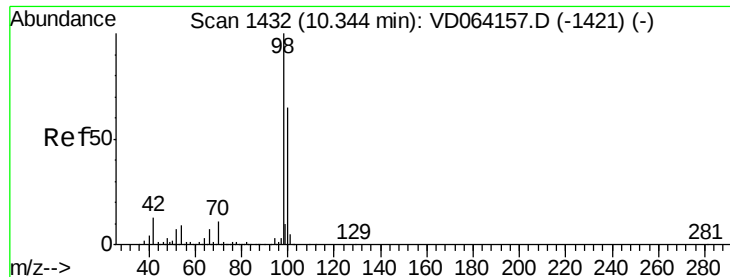
#35
 Dibromofluoromethane
 Concen: 58.288 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064368.D
 Acq: 25 Nov 2019 18:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.5	122.3
192	22.8	18.8	28.2



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: 54.029 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064368.D

Acq: 25 Nov 2019 18:54

Instrument :

MSVOA_D

ClientSampleId :

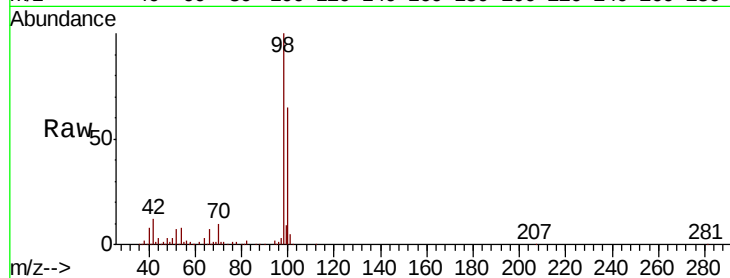
SOIL-001-E

Tot Ion: 98 Resp: 206594

Ion Ratio Lower Upper

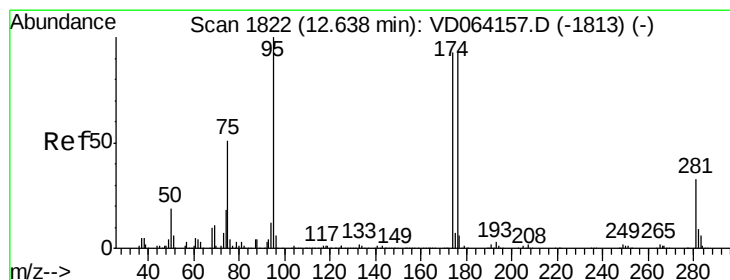
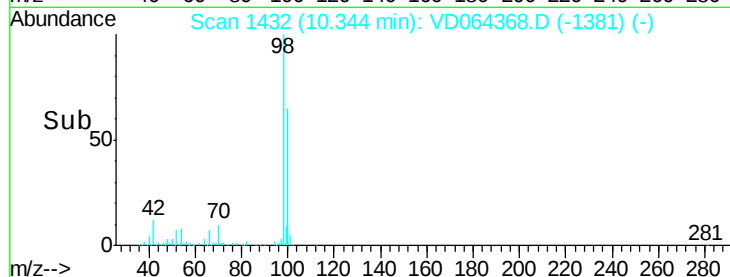
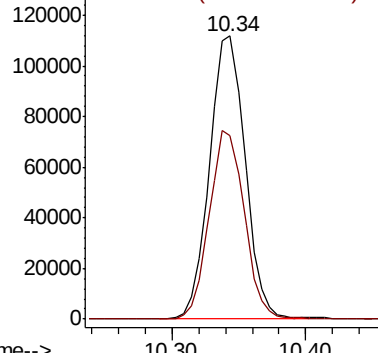
98 100

100 65.7 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 57.217 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064368.D

Acq: 25 Nov 2019 18:54

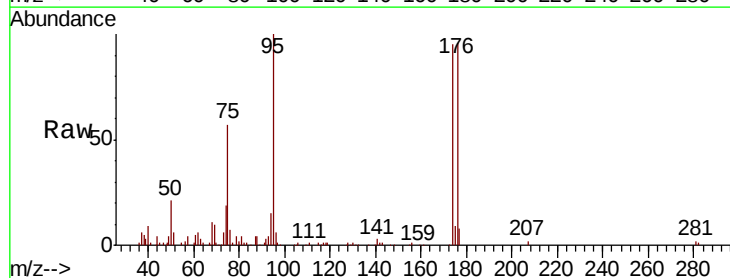
Tgt Ion: 95 Resp: 75767

Ion Ratio Lower Upper

95 100

174 98.3 0.0 183.6

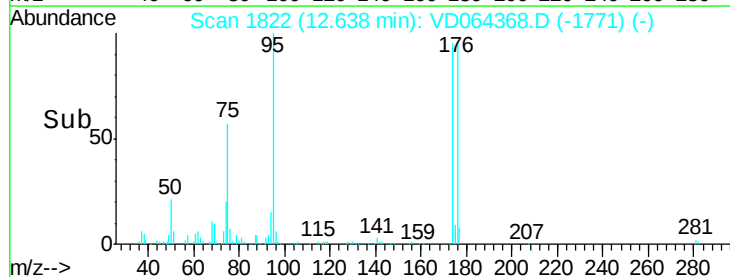
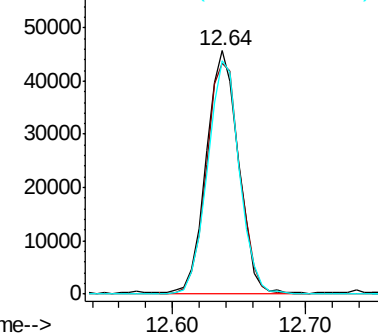
176 95.3 0.0 180.2

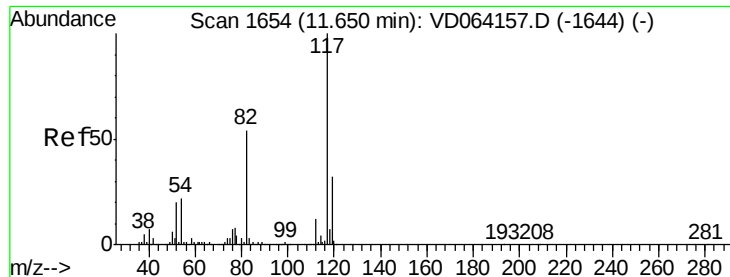


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

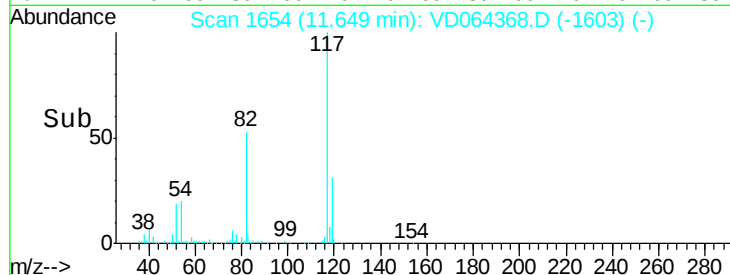
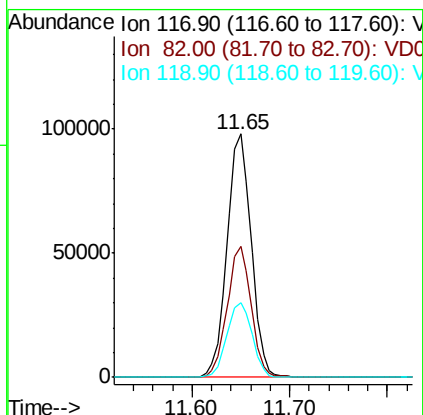
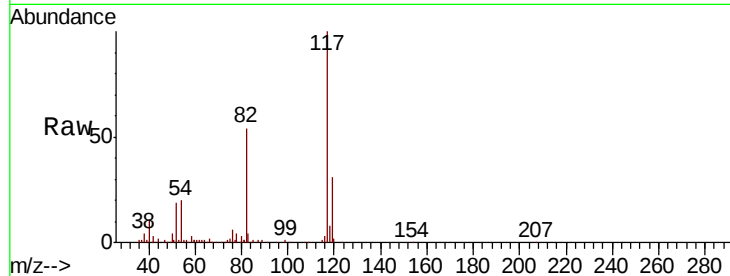




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064368.D
Acq: 25 Nov 2019 18:54

Instrument :
MSVOA_D
ClientSampleId :
SOIL-001-E

Tot Ion:117 Resp: 169091
Ion Ratio Lower Upper
117 100
82 53.6 42.8 64.2
119 30.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064368.D
Acq: 25 Nov 2019 18:54

Tgt Ion:152 Resp: 90455
Ion Ratio Lower Upper
152 100
115 54.2 27.4 82.2
150 156.0 0.0 351.6

