

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112619\
 Data File : VD064390.D
 Acq On : 26 Nov 2019 18:09
 Operator : VA/SY
 Sample : K6021-04
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-002-E

Quant Time: Nov 27 07:24:31 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	21833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	33955	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	34425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	17880	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	13782	76.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.50%	
35) Dibromofluoromethane	7.92	113	10843	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	
50) Toluene-d8	10.34	98	40823	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
62) 4-Bromofluorobenzene	12.64	95	13957	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	

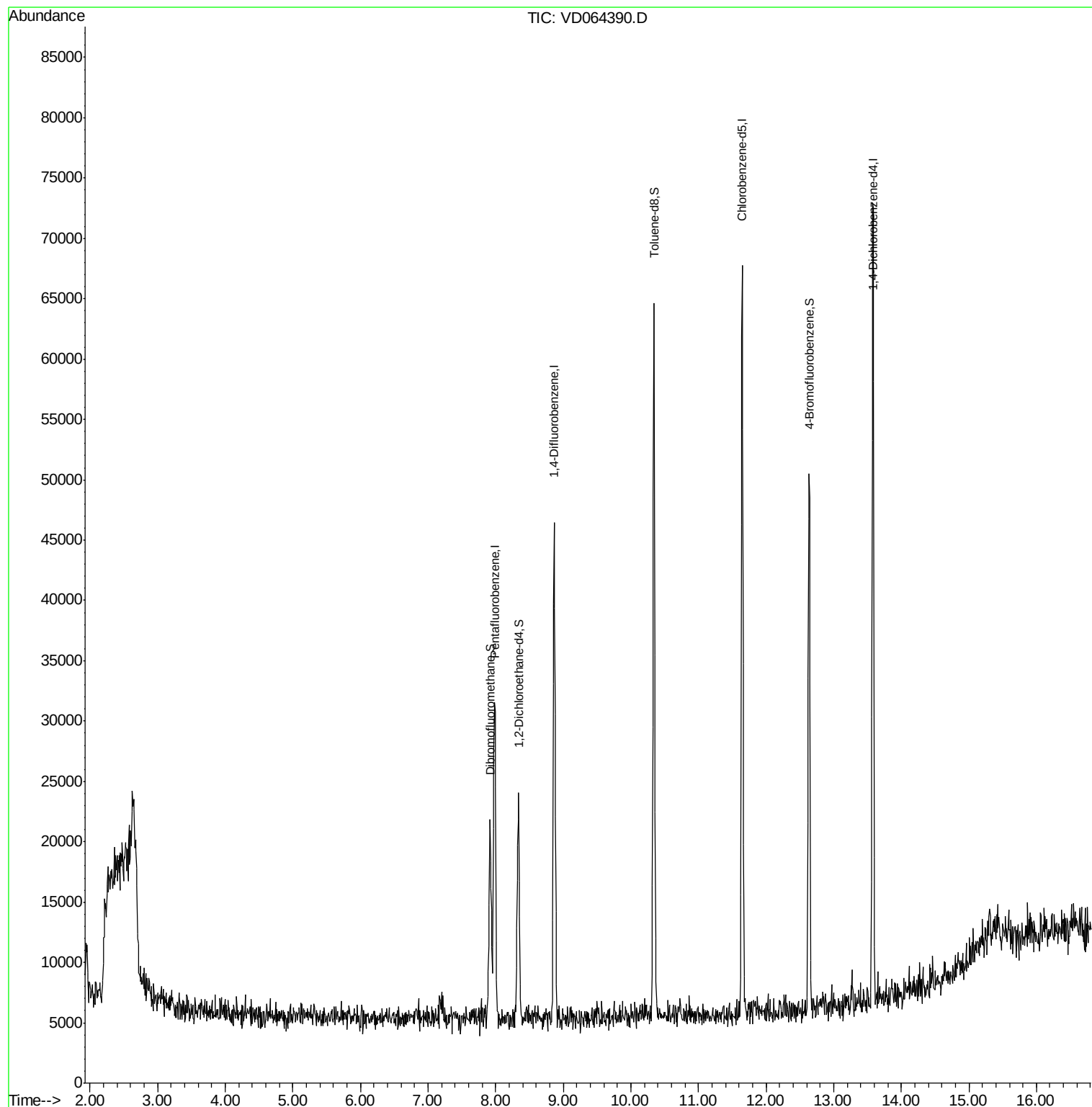
Target Compounds	Qvalue
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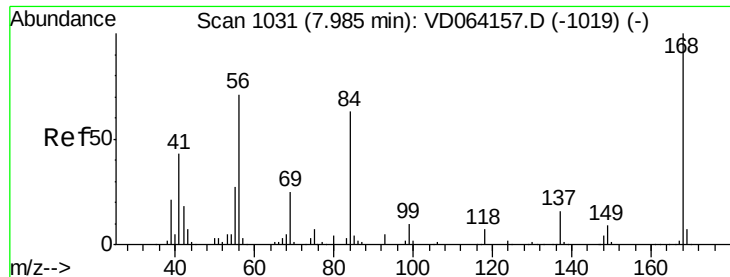
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064390.D

Acq: 26 Nov 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

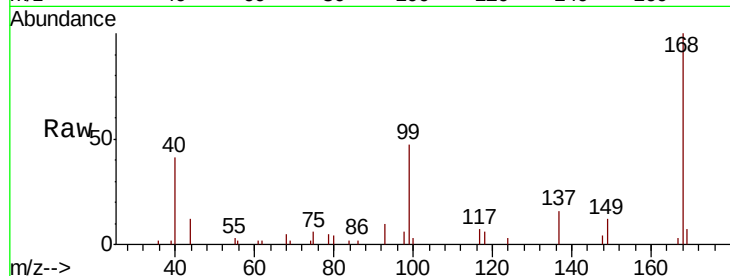
SOIL-002-E

Tot Ion:168 Resp: 21833

Ion Ratio Lower Upper

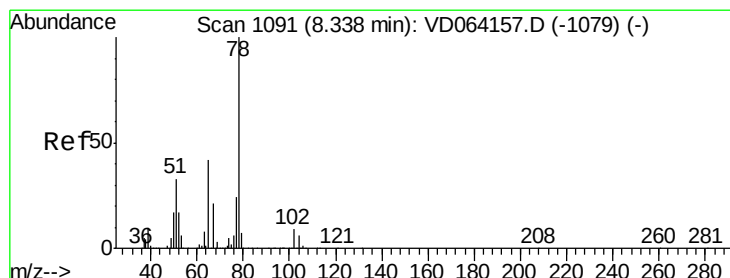
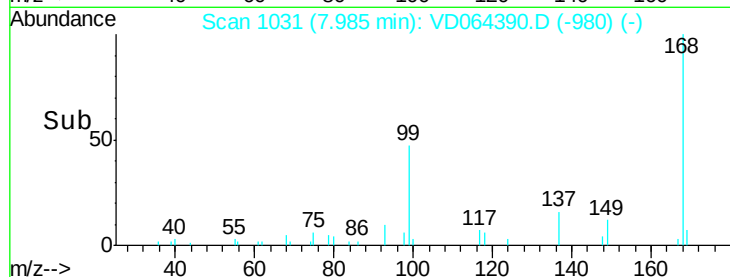
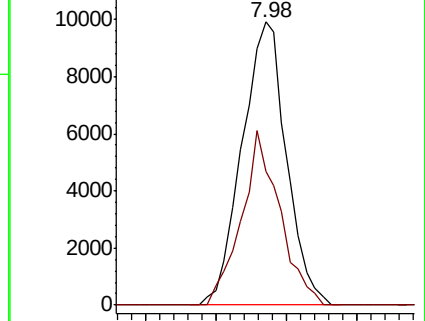
168 100

99 47.3 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: 76.753 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064390.D

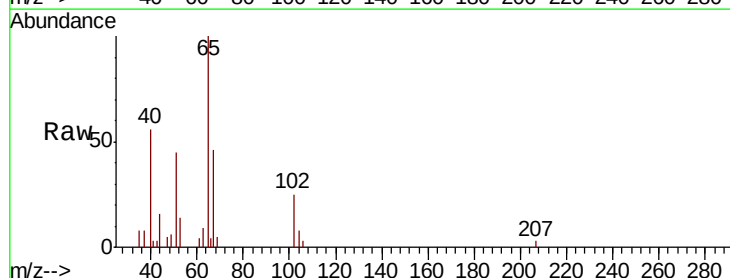
Acq: 26 Nov 2019 18:09

Tgt Ion: 65 Resp: 13782

Ion Ratio Lower Upper

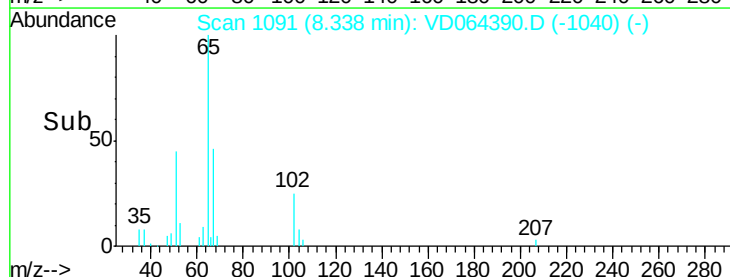
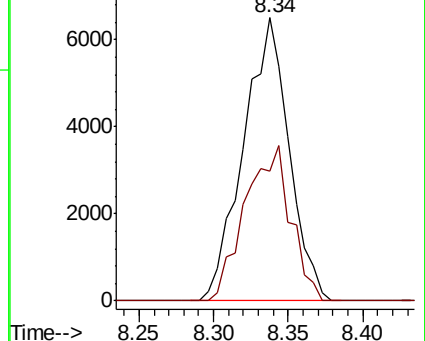
65 100

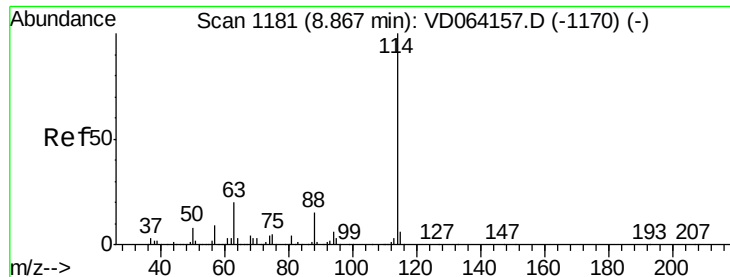
67 54.8 0.0 104.4



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: VD064390.D

Acq: 26 Nov 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

SOIL-002-E

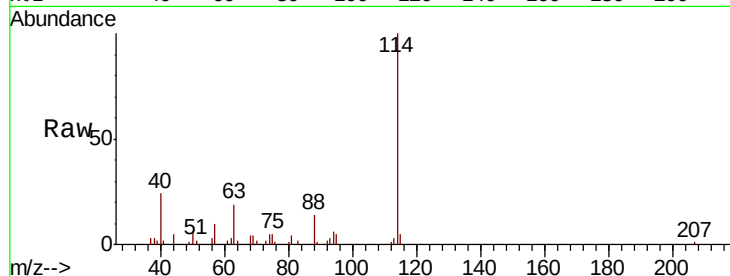
Tot Ion:114 Resp: 33955

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

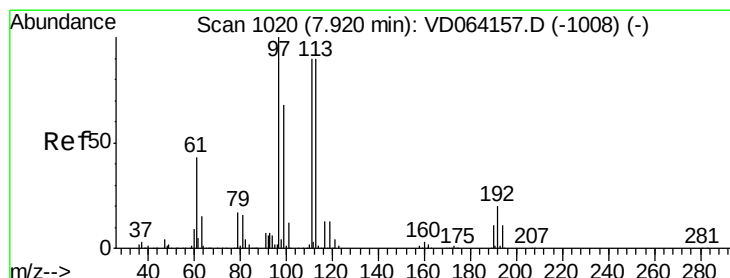
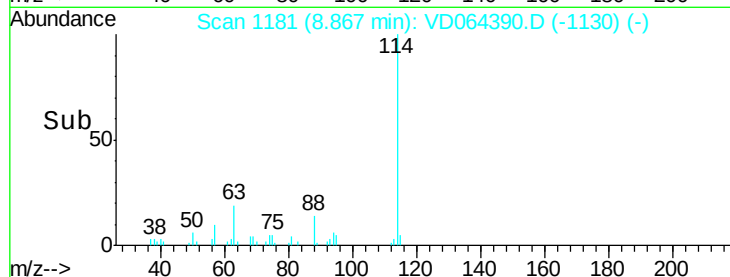
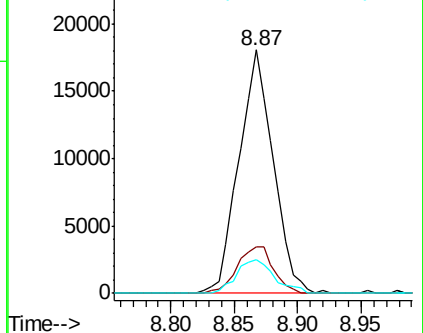
88 13.8 0.0 30.2



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: 55.632 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD064390.D

Acq: 26 Nov 2019 18:09

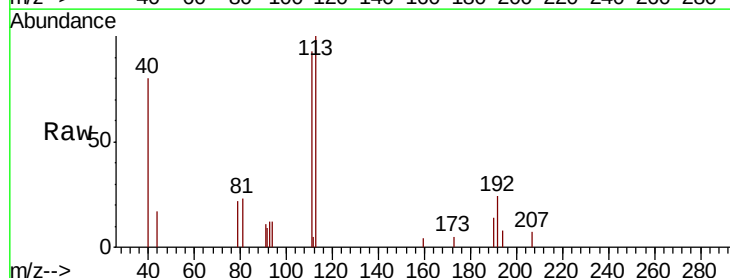
Tgt Ion:113 Resp: 10843

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

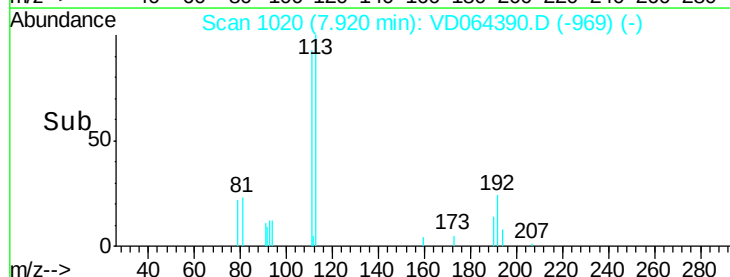
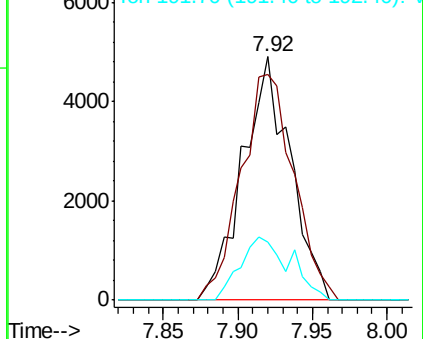
192 27.4 18.8 28.2

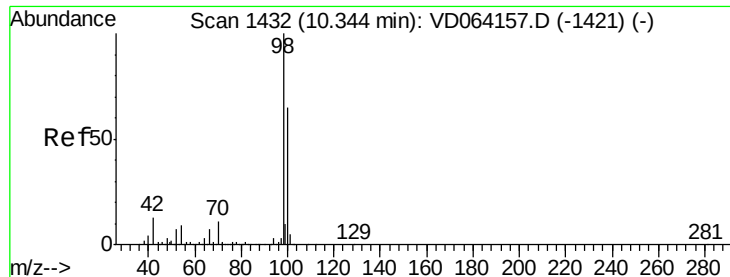


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 55.521 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064390.D

Acq: 26 Nov 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

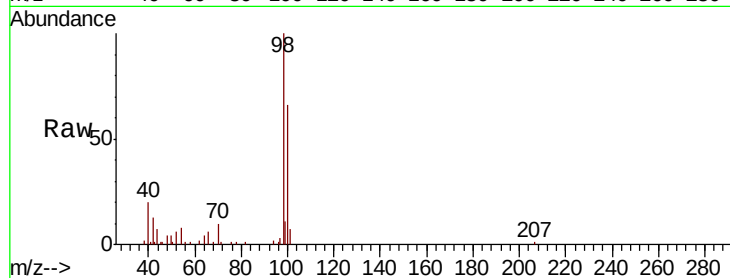
SOIL-002-E

Tot Ion: 98 Resp: 40823

Ion Ratio Lower Upper

98 100

100 64.4 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

25000

20000

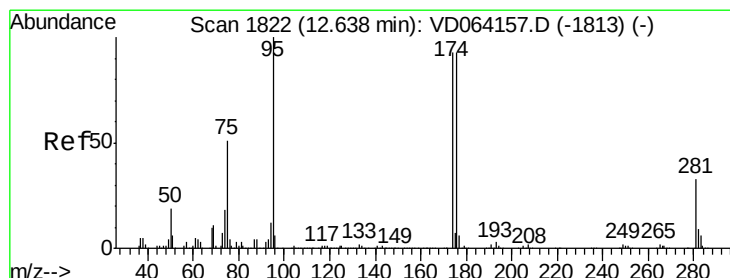
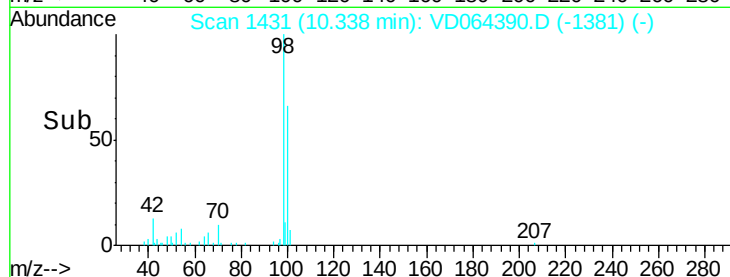
15000

10000

5000

0

Time--> 10.25 10.30 10.35 10.40



#62

4-Bromofluorobenzene

Concen: 54.813 ug/l

RT: 12.64 min Scan# 1823

Delta R.T. 0.01 min

Lab File: VD064390.D

Acq: 26 Nov 2019 18:09

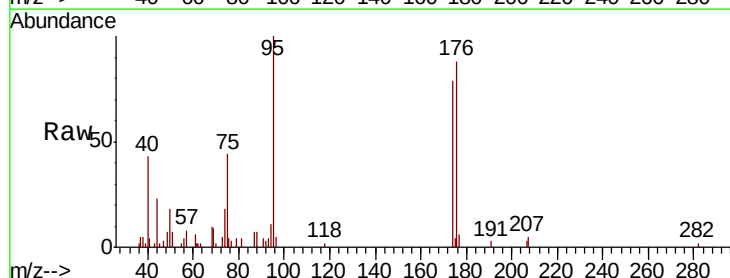
Tgt Ion: 95 Resp: 13957

Ion Ratio Lower Upper

95 100

174 102.8 0.0 183.6

176 97.3 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

12.64

10000

8000

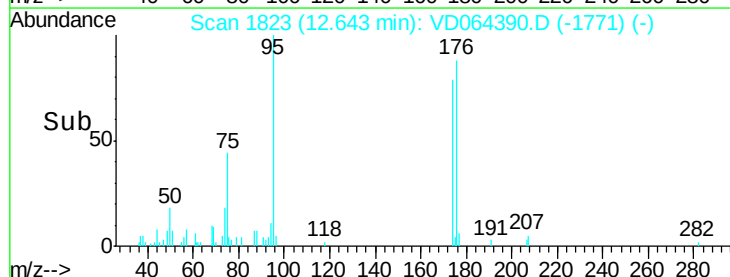
6000

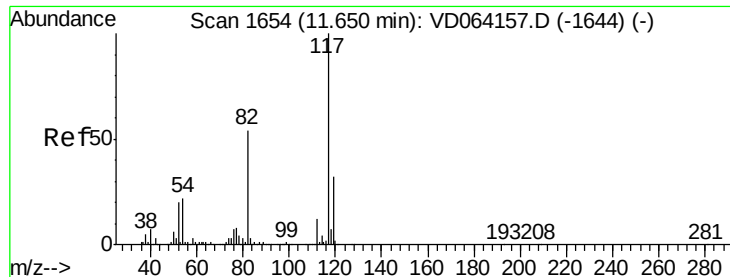
4000

2000

0

Time--> 12.55 12.60 12.65 12.70

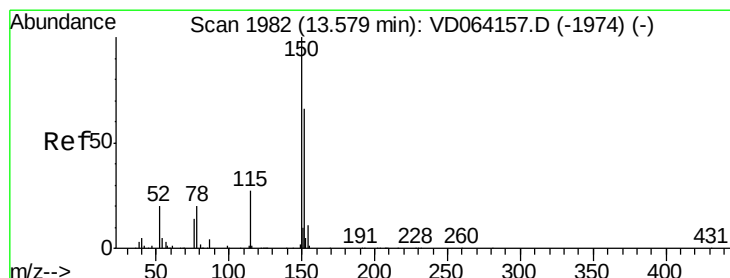
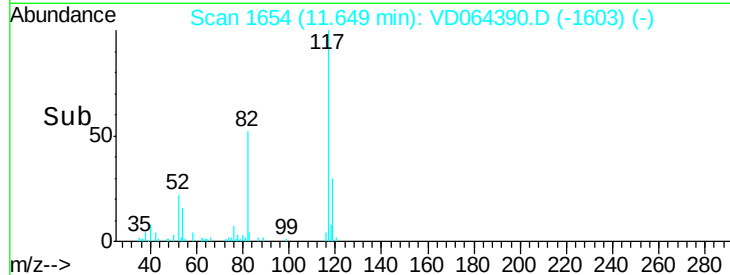
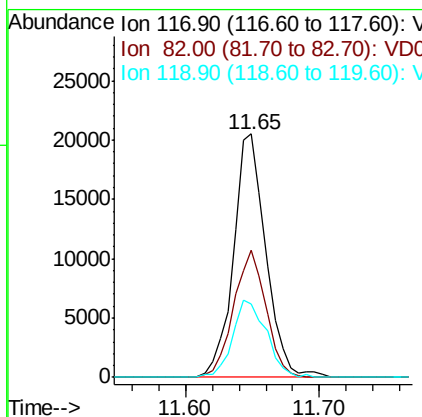
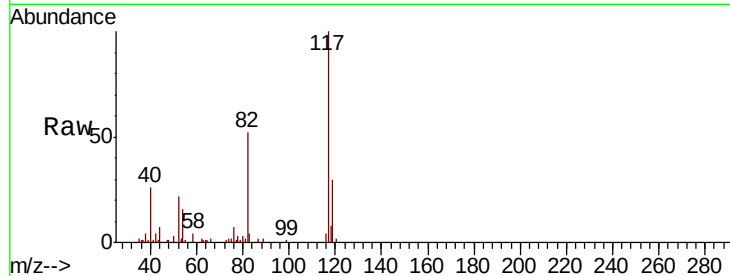




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064390.D
Acq: 26 Nov 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
SOIL-002-E

Tot Ion:117 Resp: 34425
Ion Ratio Lower Upper
117 100
82 52.3 42.8 64.2
119 30.1 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: VD064390.D
Acq: 26 Nov 2019 18:09

Tgt Ion:152 Resp: 17880
Ion Ratio Lower Upper
152 100
115 53.4 27.4 82.2
150 147.0 0.0 351.6

