

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064825.D
 Acq On : 09 Jan 2020 19:22
 Operator : VA/SY
 Sample : L1064-01
 Misc : 7.54G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-A

Quant Time: Jan 10 06:06:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	507362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	774061	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	685399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	318028	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	209169	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	7.91	113	230545	48.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.10%	
50) Toluene-d8	10.34	98	937062	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	12.64	95	280407	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	

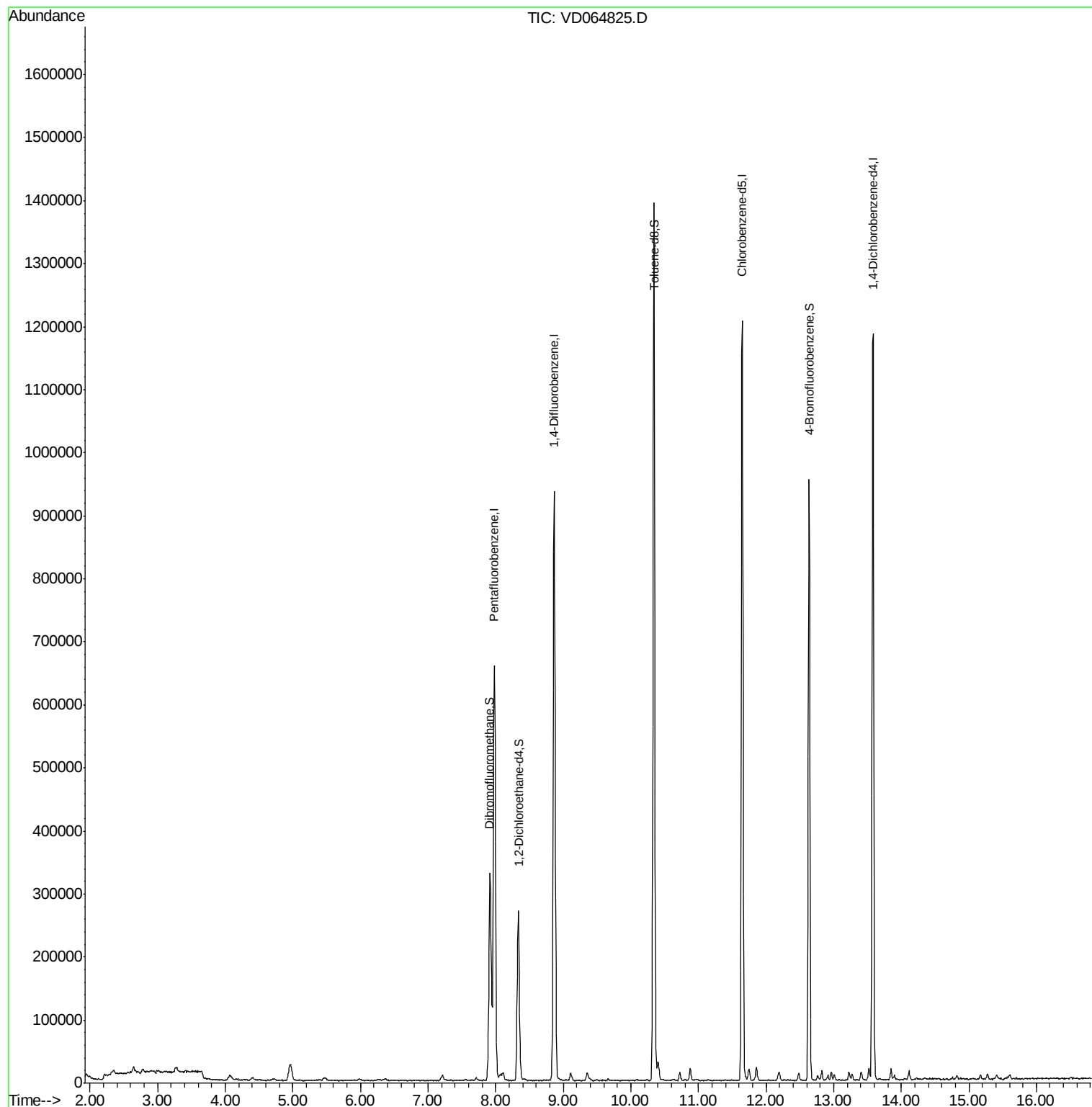
Target Compounds	Qvalue

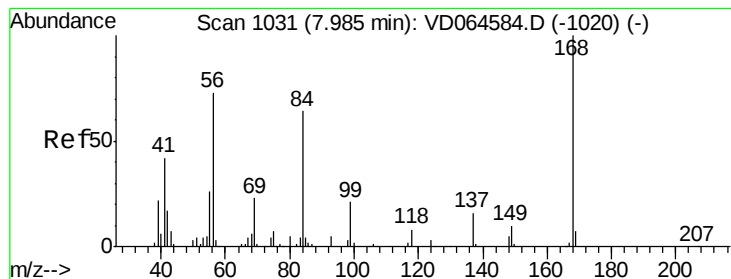
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064825.D

Acq: 09 Jan 2020 19:22

Instrument :

MSVOA_D

ClientSampleId :

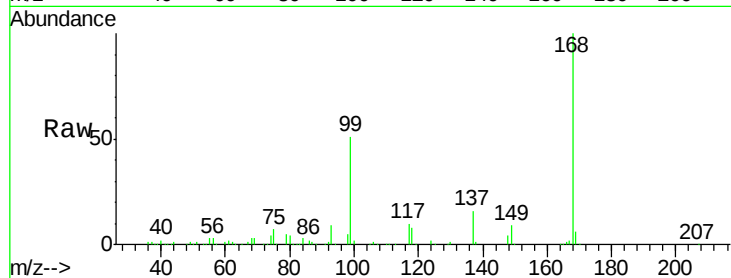
SOIL-A

Tot Ion:168 Resp: 507362

Ion Ratio Lower Upper

168 100

99 51.0 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

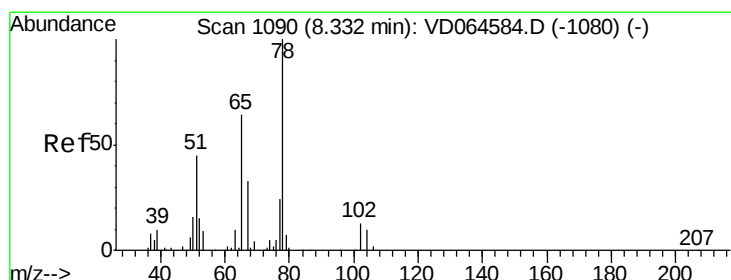
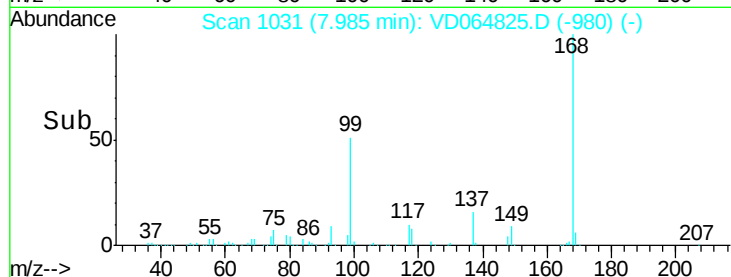
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.754 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064825.D

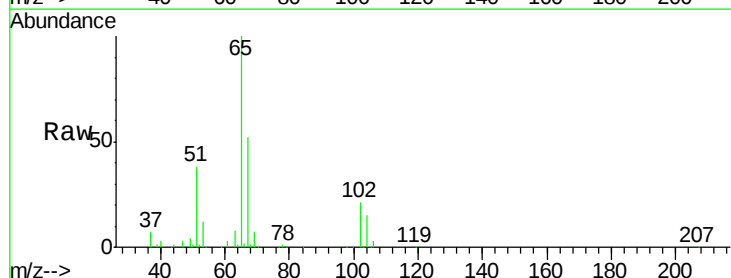
Acq: 09 Jan 2020 19:22

Tgt Ion: 65 Resp: 209169

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

100000

80000

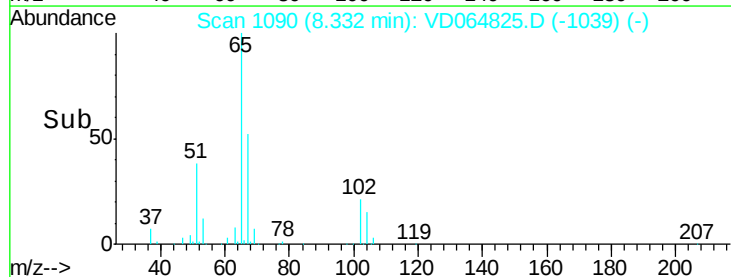
60000

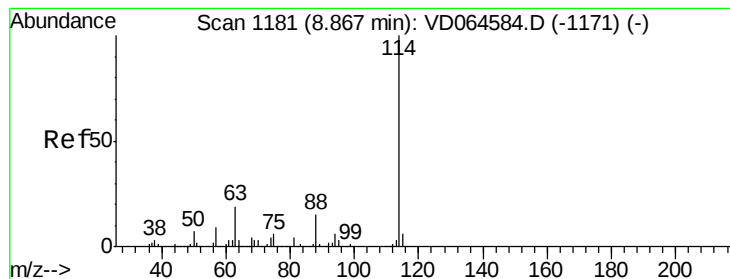
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064825.D

Acq: 09 Jan 2020 19:22

Instrument :

MSVOA_D

ClientSampled :

SOIL-A

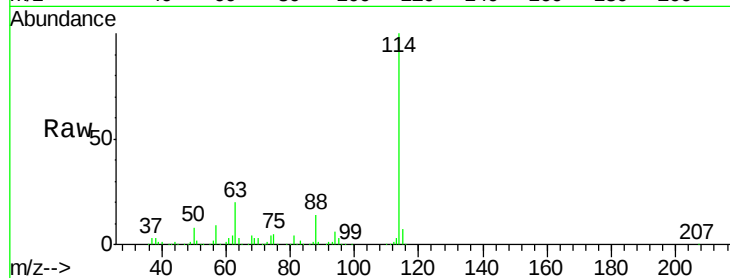
Tot Ion:114 Resp: 774061

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

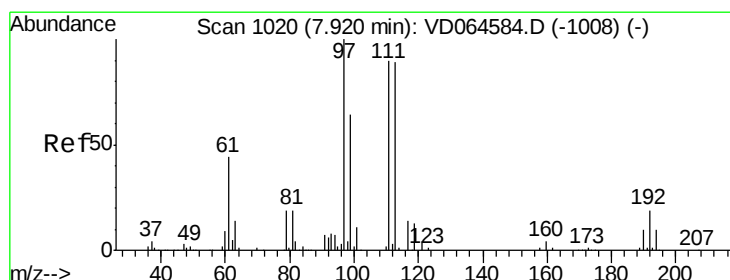
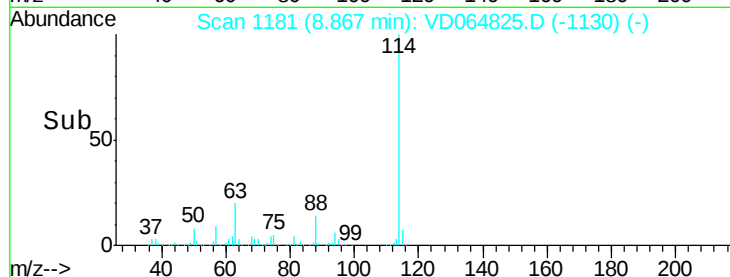
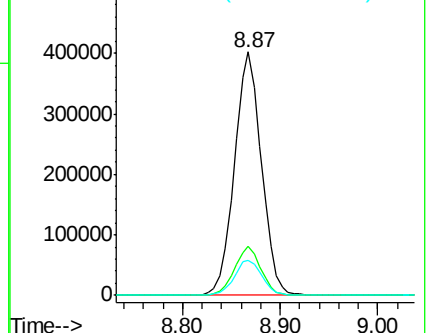
88 14.4 0.0 29.2



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: 48.546 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064825.D

Acq: 09 Jan 2020 19:22

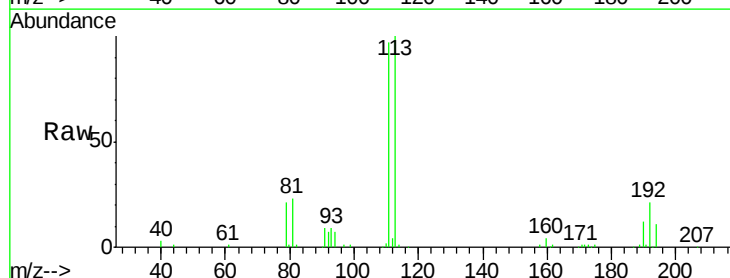
Tgt Ion:113 Resp: 230545

Ion Ratio Lower Upper

113 100

111 102.8 80.6 121.0

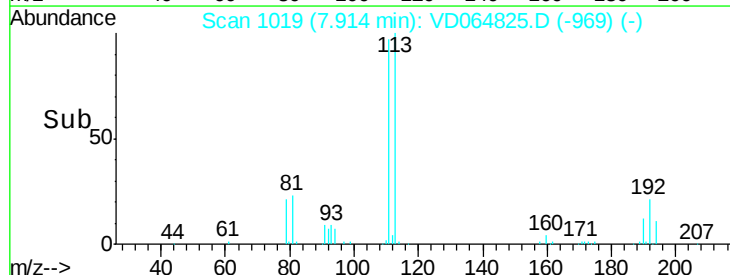
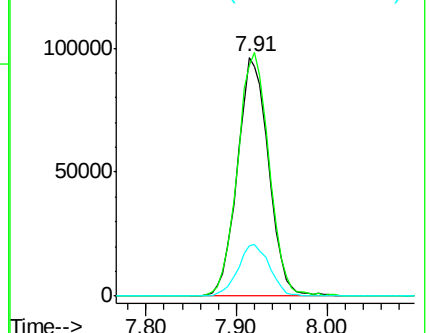
192 22.0 17.9 26.9

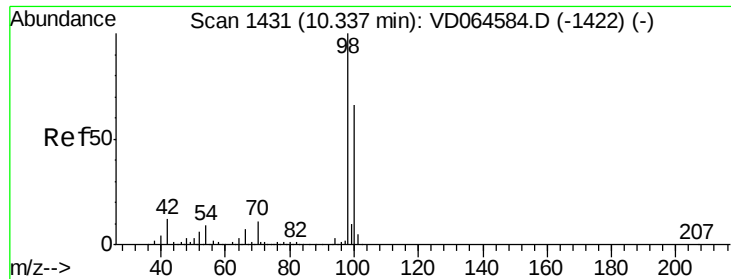


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.520 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064825.D

Acq: 09 Jan 2020 19:22

Instrument :

MSVOA_D

ClientSampleId :

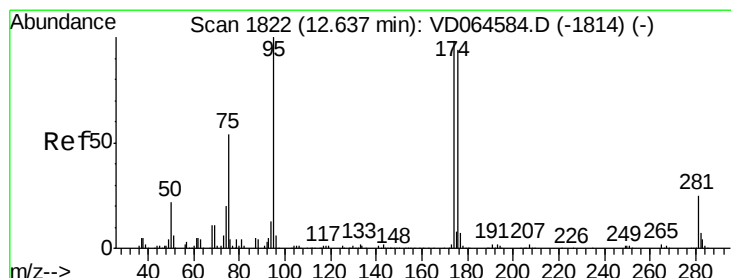
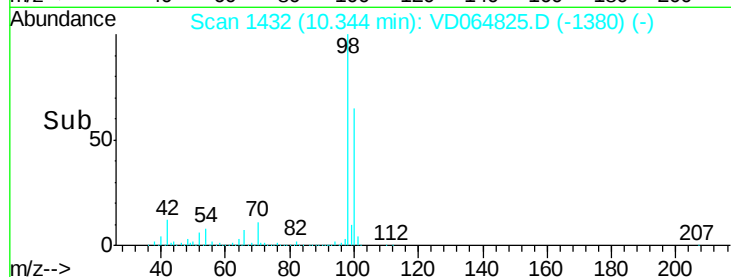
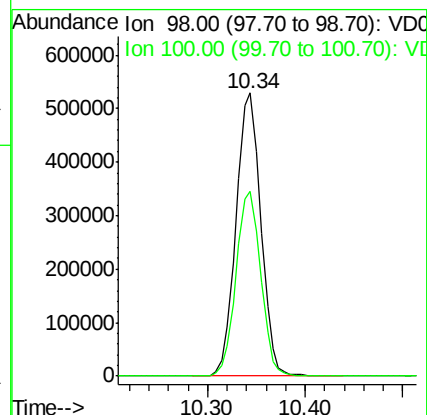
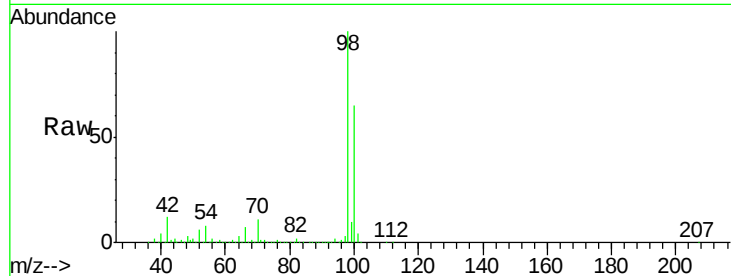
SOIL-A

Tot Ion: 98 Resp: 937062

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.756 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064825.D

Acq: 09 Jan 2020 19:22

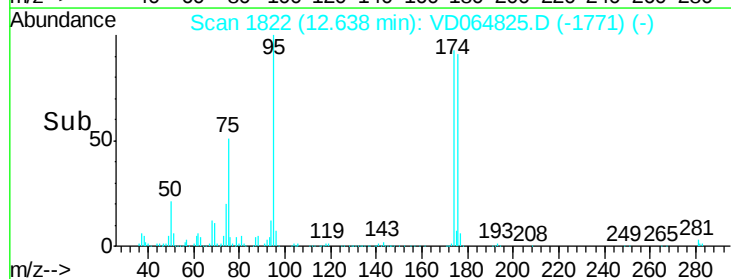
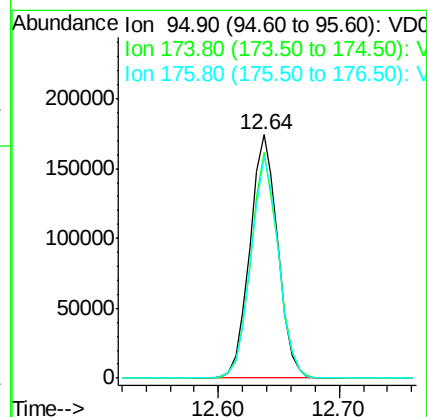
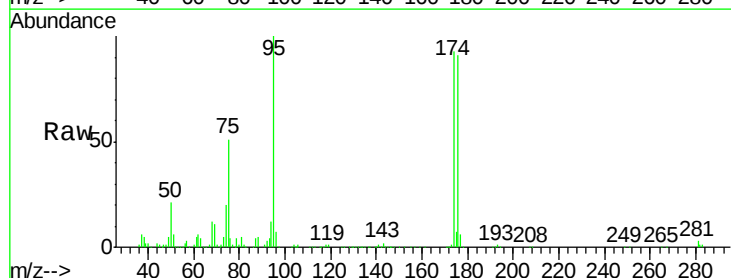
Tgt Ion: 95 Resp: 280407

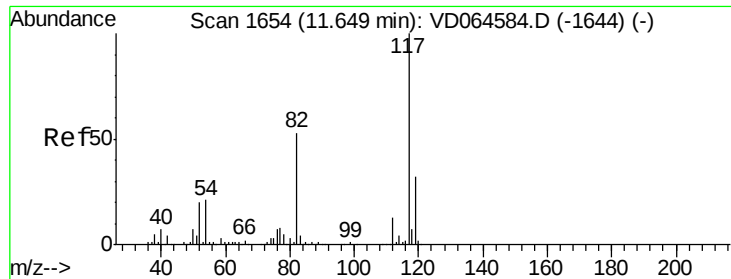
Ion Ratio Lower Upper

95 100

174 91.1 0.0 193.2

176 90.4 0.0 184.2

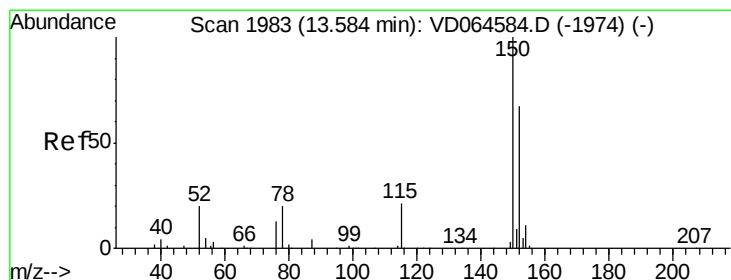
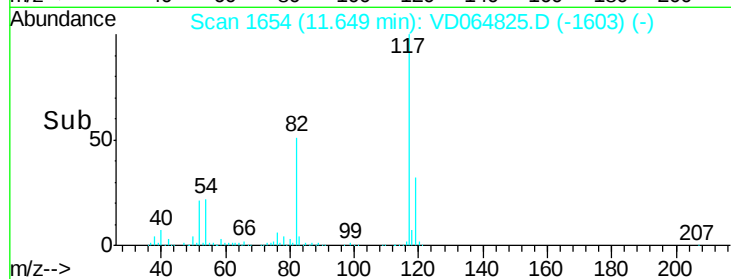
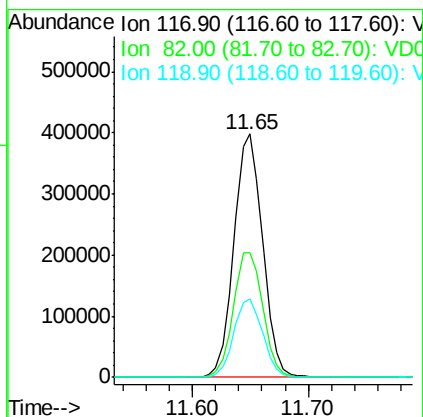
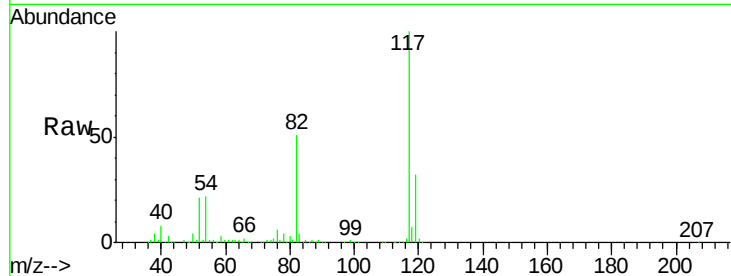




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064825.D
Acq: 09 Jan 2020 19:22

Instrument :
MSVOA_D
ClientSampleId :
SOIL-A

Tot Ion:117 Resp: 685399
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064825.D
Acq: 09 Jan 2020 19:22

Tgt Ion:152 Resp: 318028
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.4
150 158.1 0.0 351.4

