

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD010920\
 Data File : VD064826.D
 Acq On : 09 Jan 2020 19:51
 Operator : VA/SY
 Sample : L1064-05
 Misc : 5.90G/5.00ml/MSVOA D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-B

Quant Time: Jan 10 06:09:54 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	7.99	168	468150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	745696	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	646923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292207	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	200630	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.92	113	219805	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	10.34	98	898485	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	
62) 4-Bromofluorobenzene	12.64	95	260252	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

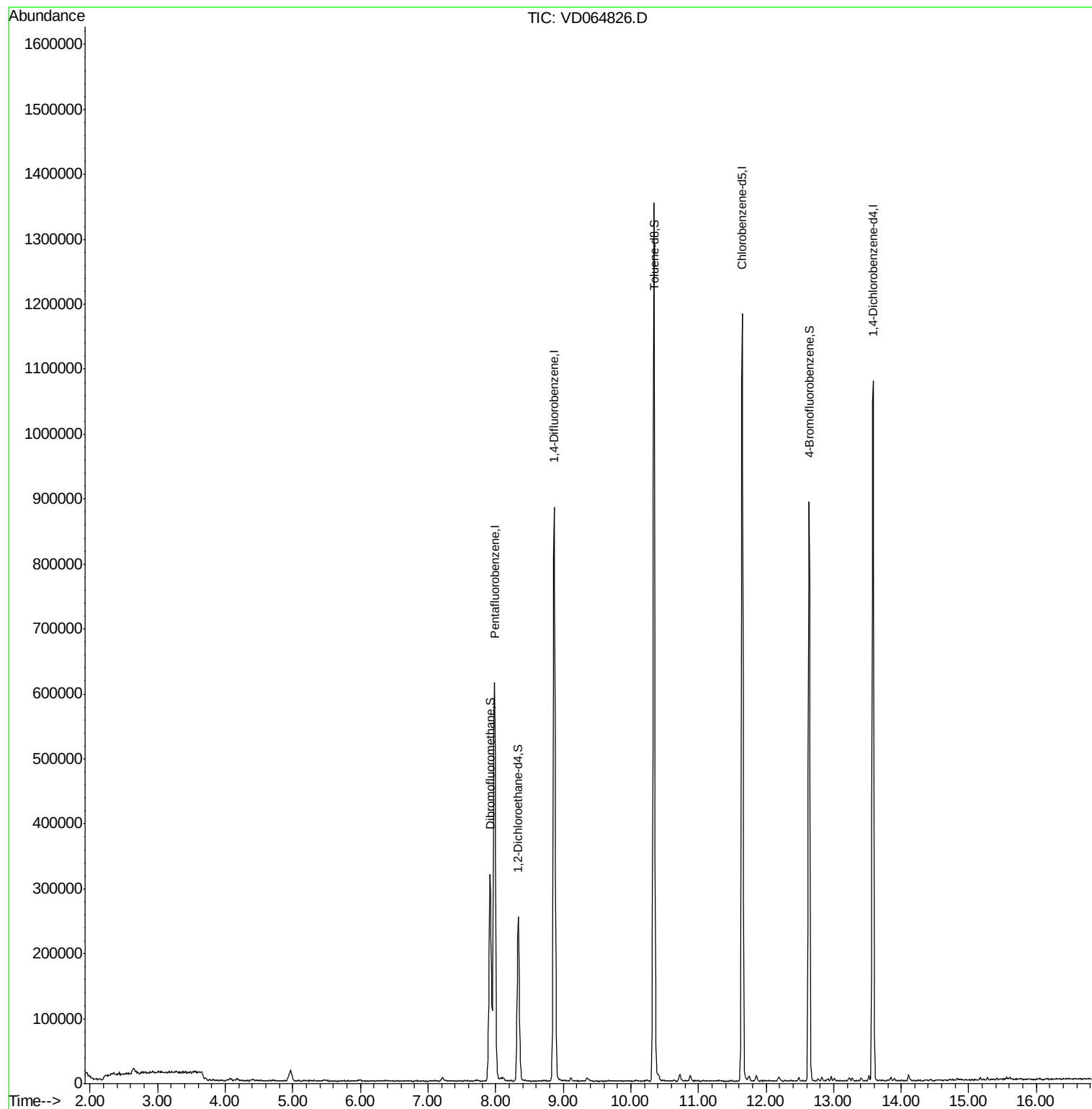
Target Compounds	Qvalue

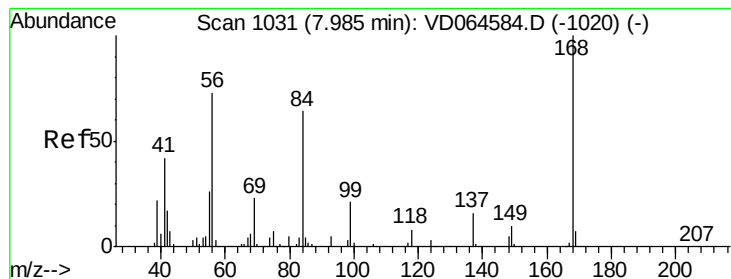
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064826.D

Acq: 09 Jan 2020 19:51

Instrument :

MSVOA_D

ClientSampleId :

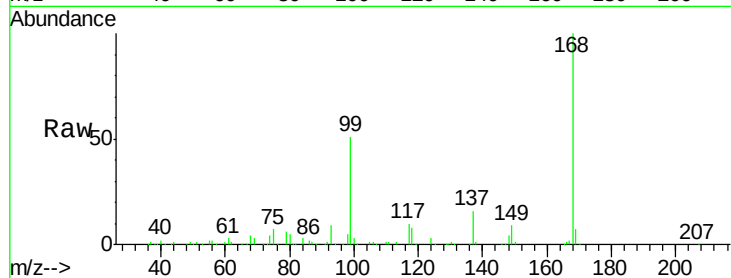
SOIL-B

Tot Ion:168 Resp: 468150

Ion Ratio Lower Upper

168 100

99 51.2 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

200000

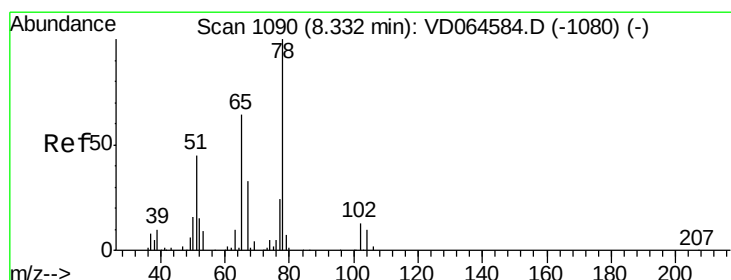
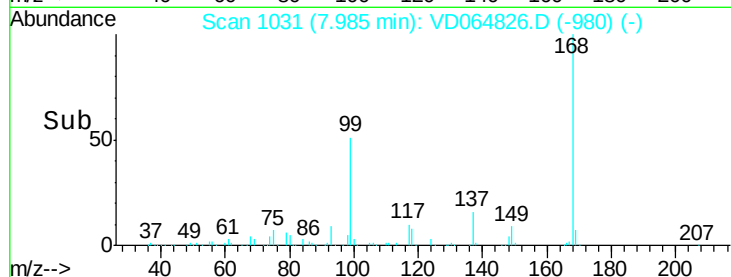
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.601 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064826.D

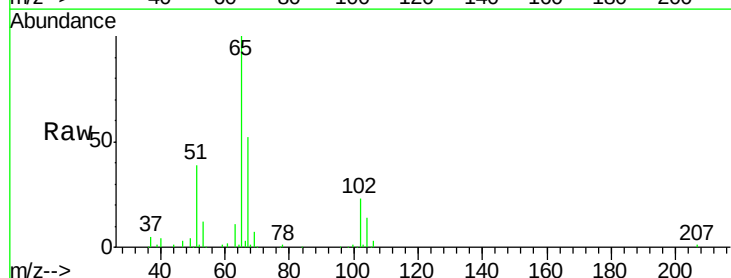
Acq: 09 Jan 2020 19:51

Tgt Ion: 65 Resp: 200630

Ion Ratio Lower Upper

65 100

67 51.6 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

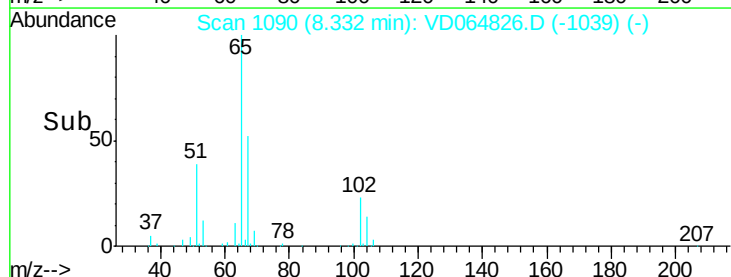
60000

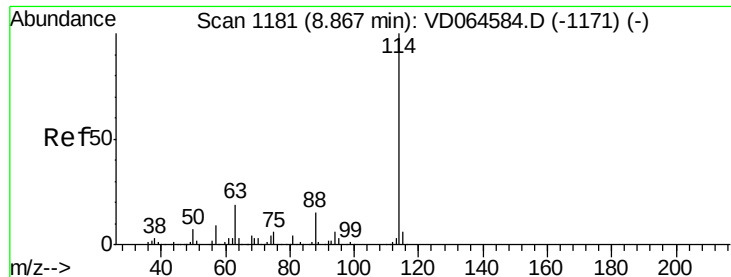
40000

20000

0

Time-->

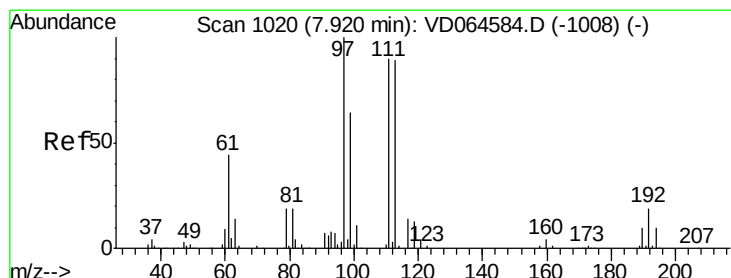
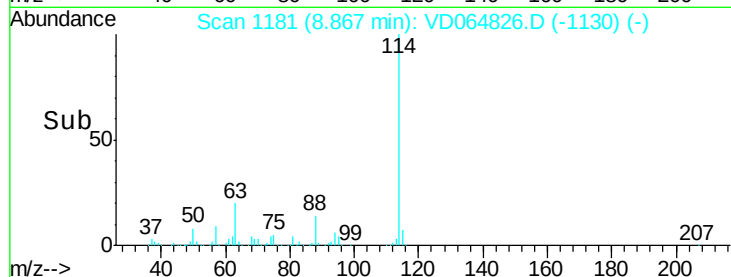
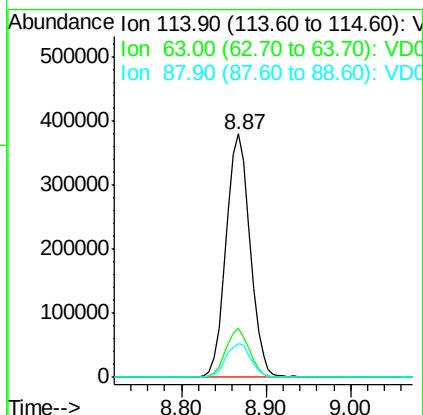
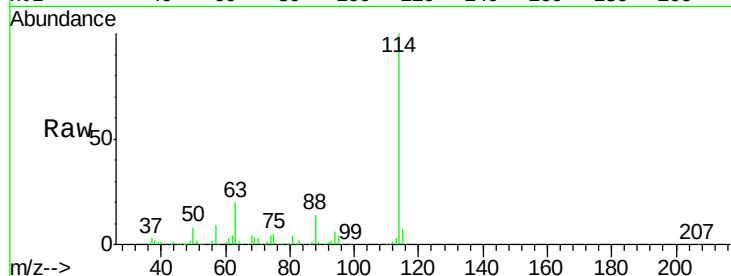




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064826.D
 Acq: 09 Jan 2020 19:51

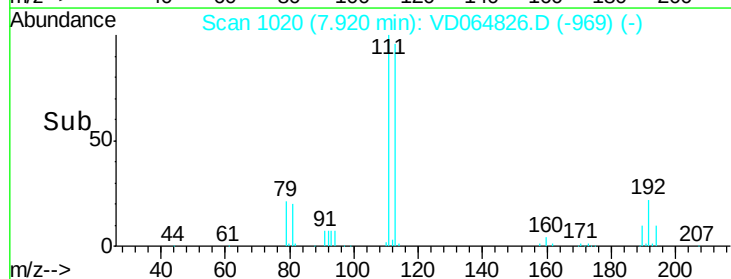
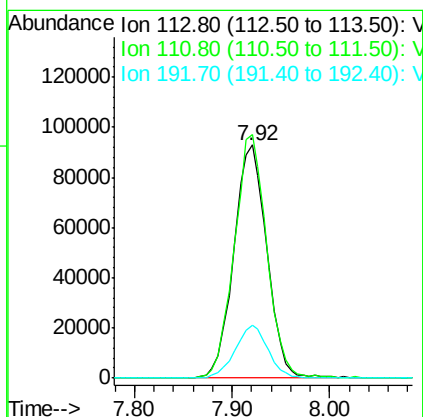
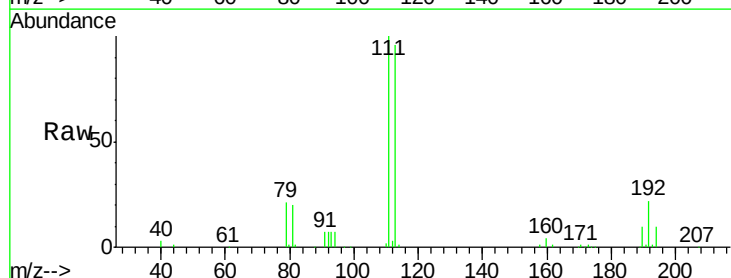
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-B

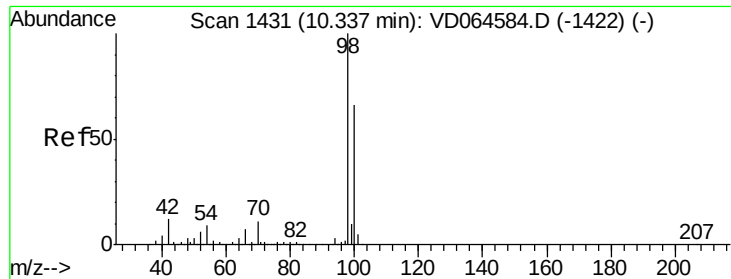
Tot Ion:114 Resp: 745696
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.0
 88 14.0 0.0 29.2



#35
 Dibromofluoromethane
 Concen: 48.045 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064826.D
 Acq: 09 Jan 2020 19:51

Tgt Ion:113 Resp: 219805
 Ion Ratio Lower Upper
 113 100
 111 103.1 80.6 121.0
 192 22.5 17.9 26.9





#50

Toluene-d8

Concen: 51.279 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064826.D

Acq: 09 Jan 2020 19:51

Instrument :

MSVOA_D

ClientSampled :

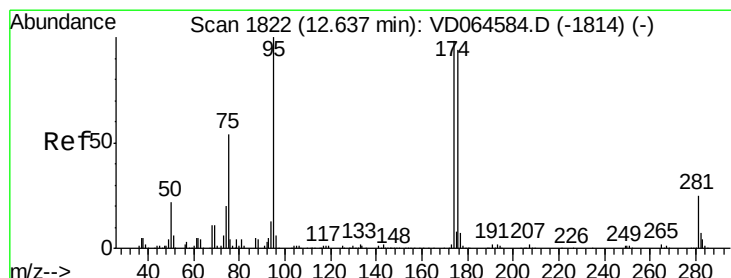
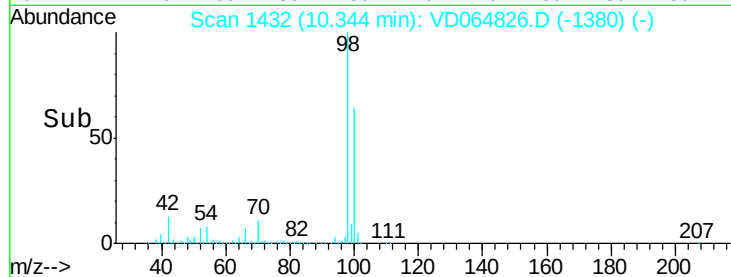
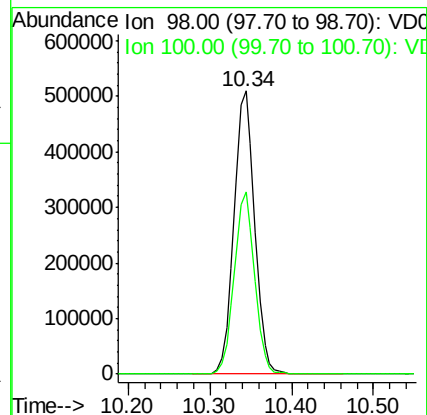
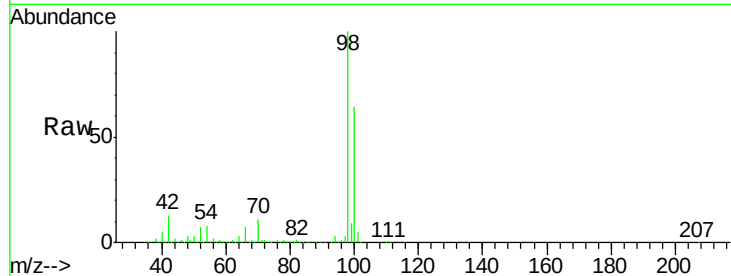
SOIL-B

Tot Ion: 98 Resp: 898485

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 46.972 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064826.D

Acq: 09 Jan 2020 19:51

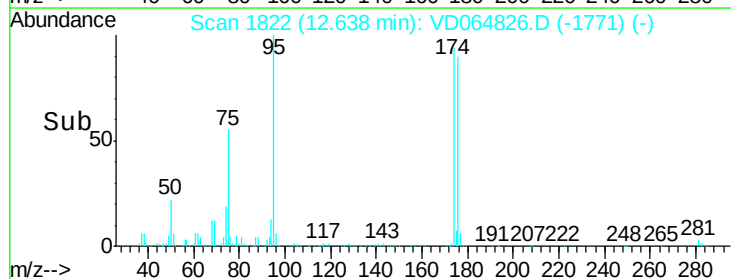
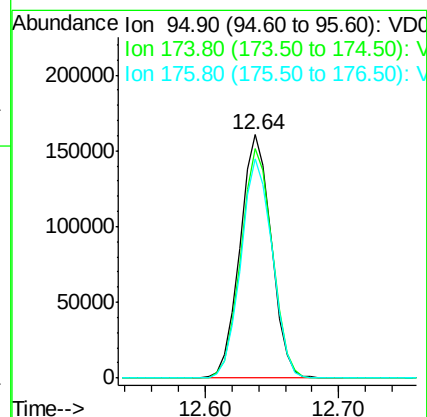
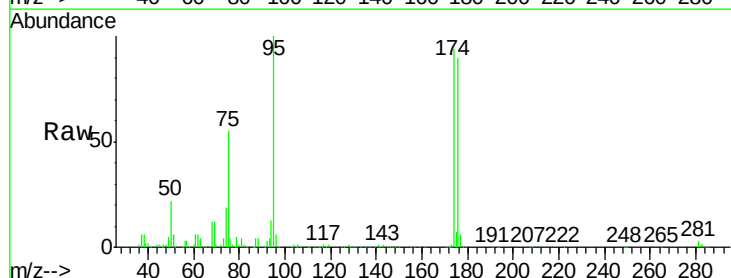
Tgt Ion: 95 Resp: 260252

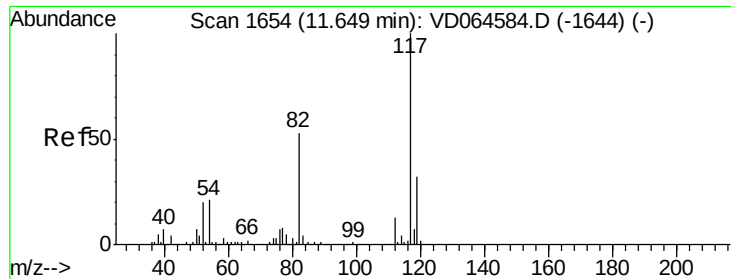
Ion Ratio Lower Upper

95 100

174 94.7 0.0 193.2

176 90.5 0.0 184.2

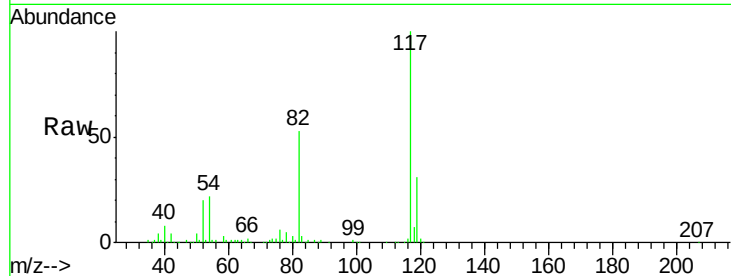




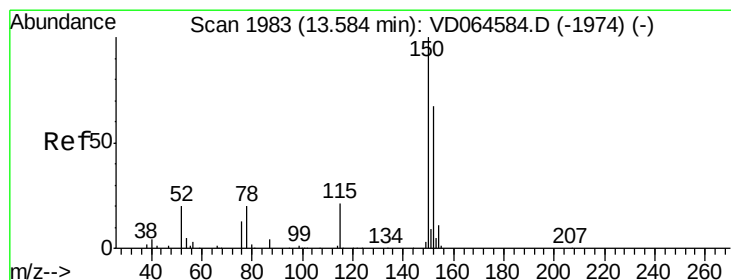
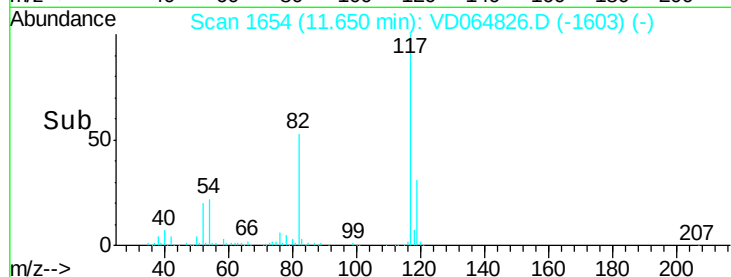
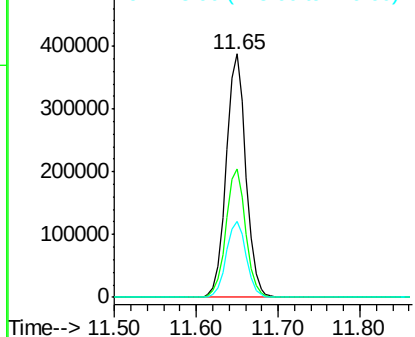
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064826.D
Acq: 09 Jan 2020 19:51

Instrument :
MSVOA_D
ClientSampled :
SOIL-B

Tot Ion:117 Resp: 646923
Ion Ratio Lower Upper
117 100
82 53.0 42.2 63.4
119 31.0 26.0 39.0

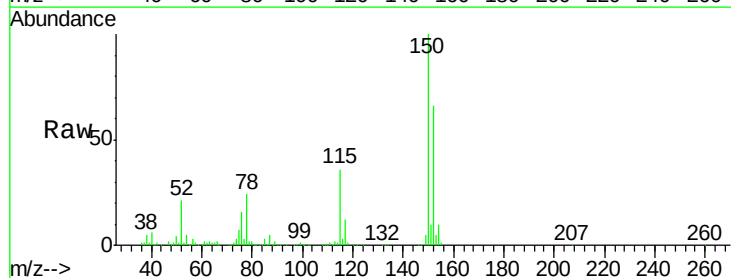


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064826.D
Acq: 09 Jan 2020 19:51

Tgt Ion:152 Resp: 292207
Ion Ratio Lower Upper
152 100
115 54.8 27.8 83.4
150 153.8 0.0 351.4



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

