

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032720\
 Data File : VD065543.D
 Acq On : 27 Mar 2020 14:46
 Operator : VA/SY
 Sample : L2052-01
 Misc : 5.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Quant Time: Mar 30 07:24:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 01:47:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	499290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	923961	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	906275	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	402021	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	287570	69.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	138.38%	
35) Dibromofluoromethane	7.92	113	317174	55.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.22%	
50) Toluene-d8	10.34	98	1126329	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
62) 4-Bromofluorobenzene	12.64	95	361601	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	

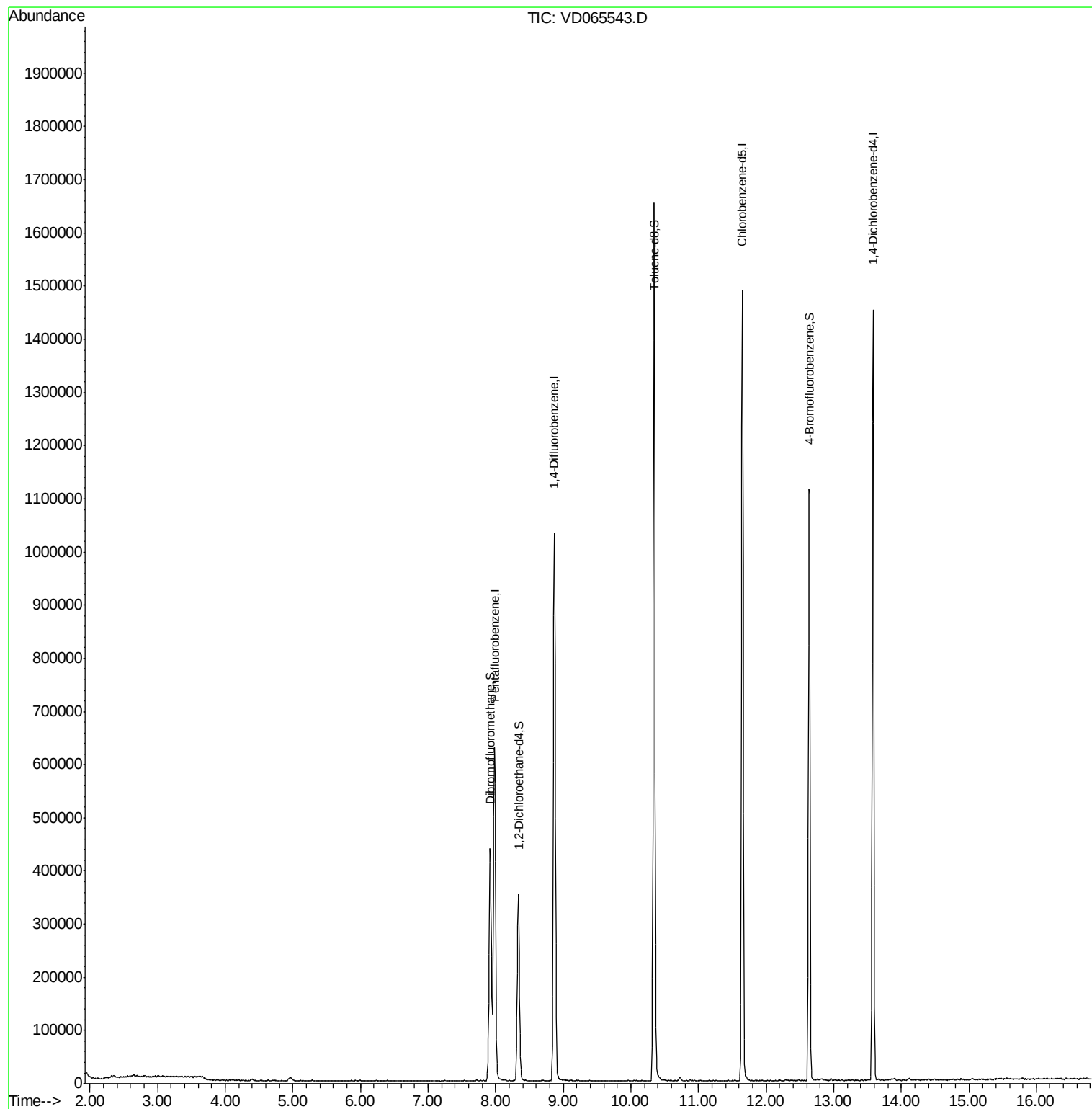
Target Compounds	Qvalue

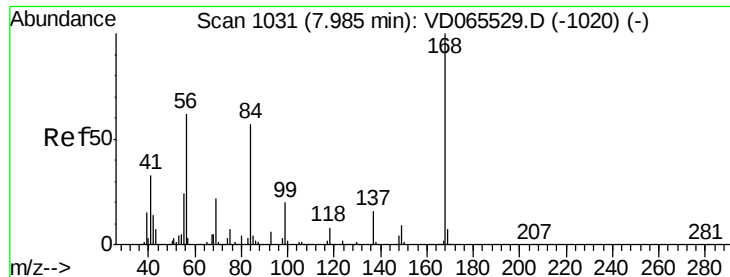
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD065543.D

Acq: 27 Mar 2020 14:46

Instrument :

MSVOA_D

ClientSampleId :

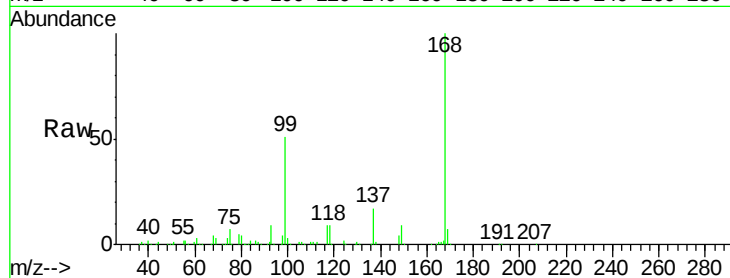
SOIL-PILE

Tot Ion:168 Resp: 499290

Ion Ratio Lower Upper

168 100

99 51.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

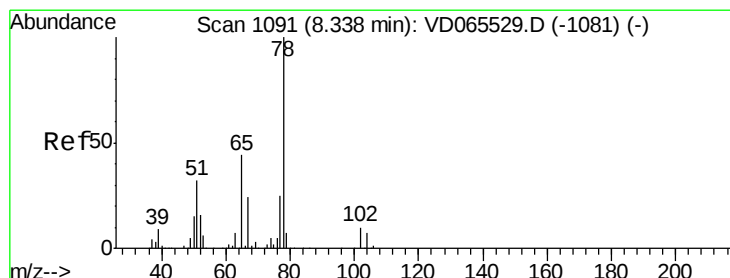
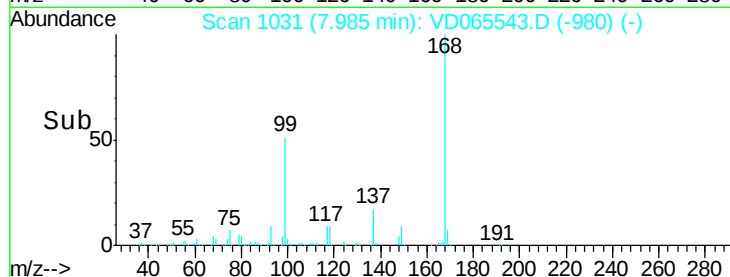
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 69.190 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065543.D

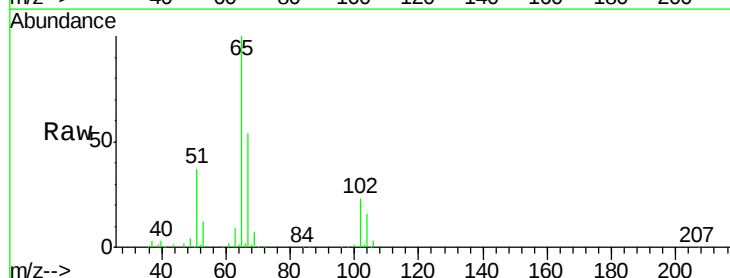
Acq: 27 Mar 2020 14:46

Tgt Ion: 65 Resp: 287570

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

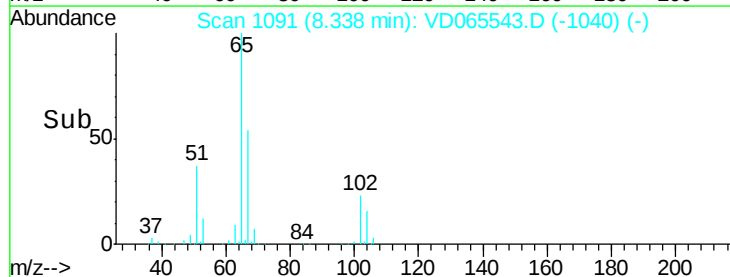
150000

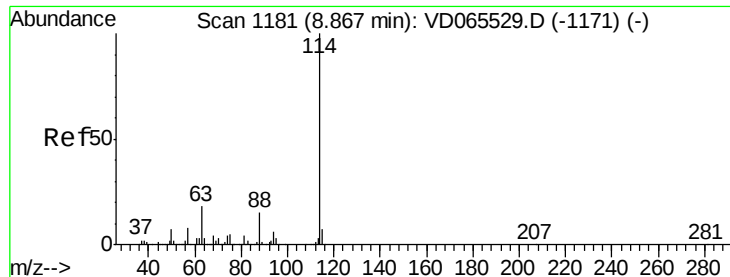
100000

50000

0

Time-->

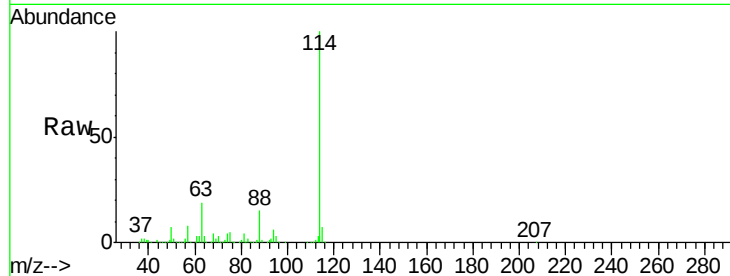




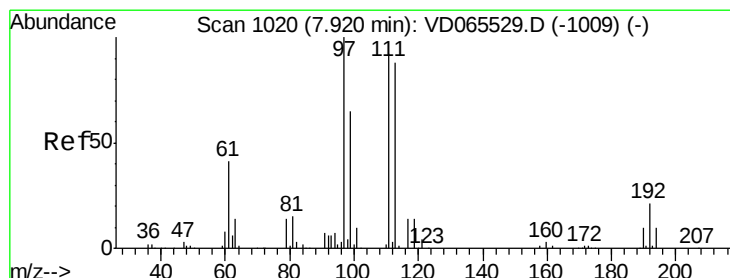
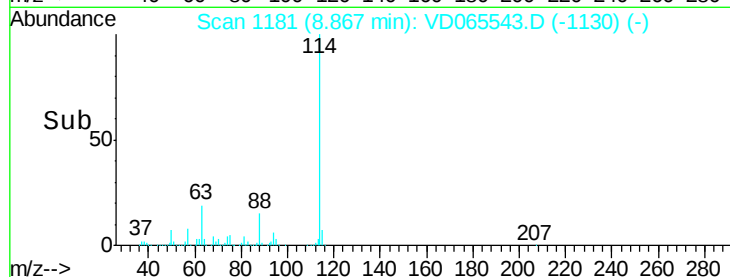
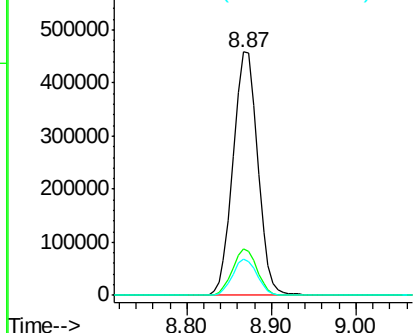
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065543.D
 Acq: 27 Mar 2020 14:46

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Tot Ion:114 Resp: 923961
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 14.9 0.0 30.4

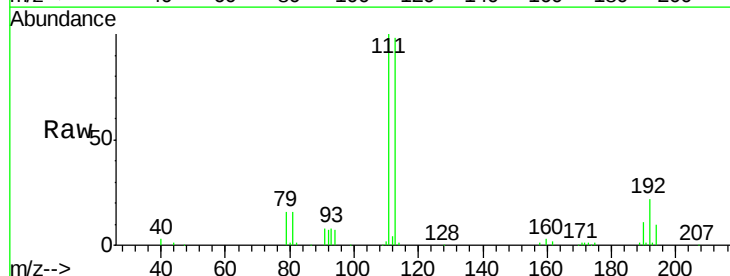


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

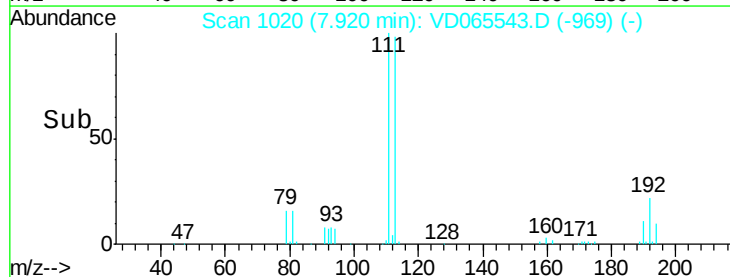
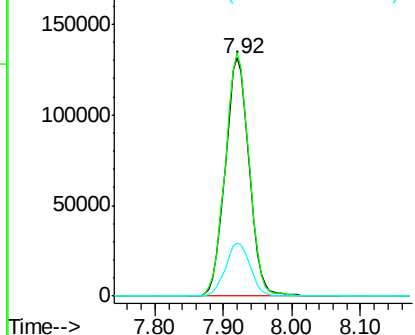


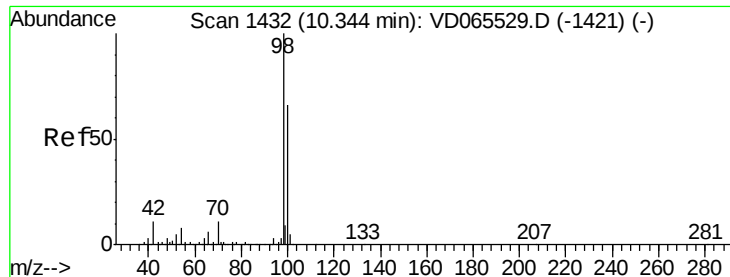
#35
 Dibromofluoromethane
 Concen: 55.614 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD065543.D
 Acq: 27 Mar 2020 14:46

Tgt Ion:113 Resp: 317174
 Ion Ratio Lower Upper
 113 100
 111 101.8 83.3 124.9
 192 22.9 18.5 27.7



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: 52.605 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD065543.D

Acq: 27 Mar 2020 14:46

Instrument :

MSVOA_D

ClientSampleId :

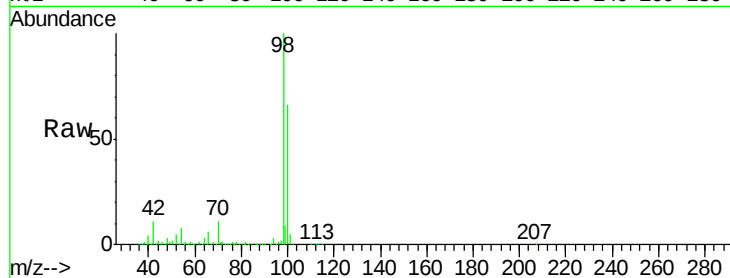
SOIL-PILE

Tot Ion: 98 Resp: 1126329

Ion Ratio Lower Upper

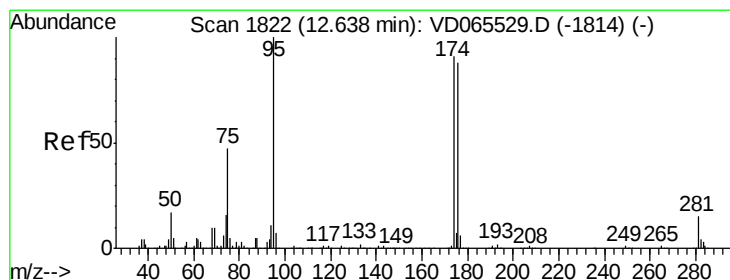
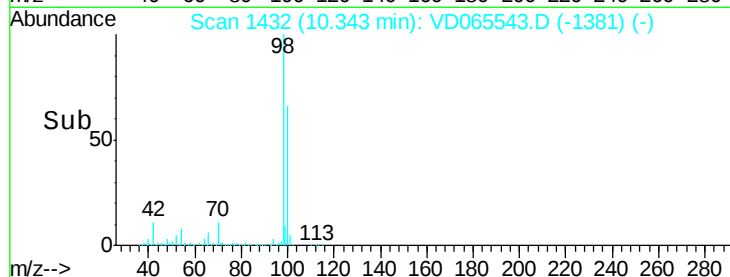
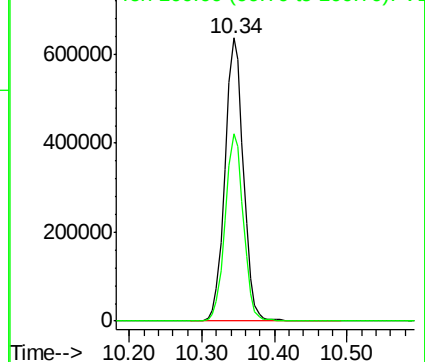
98 100

100 65.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 53.211 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD065543.D

Acq: 27 Mar 2020 14:46

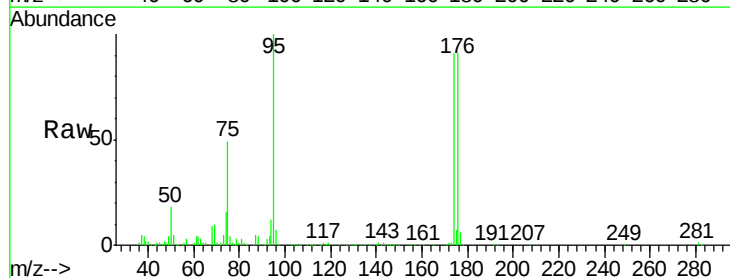
Tgt Ion: 95 Resp: 361601

Ion Ratio Lower Upper

95 100

174 93.7 0.0 183.8

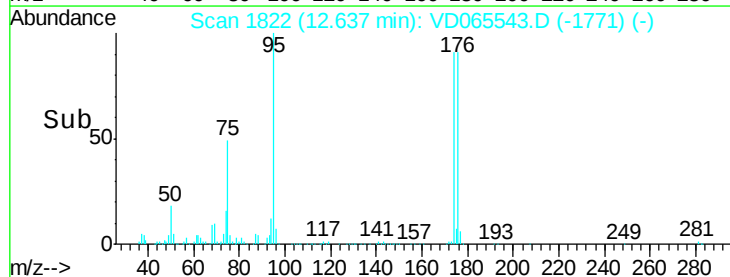
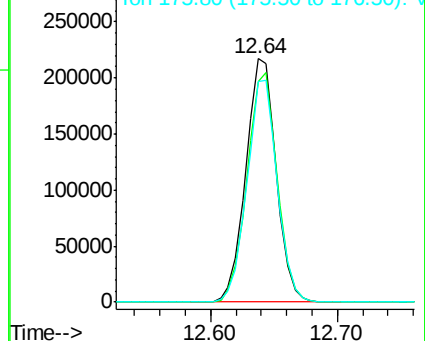
176 91.0 0.0 178.2

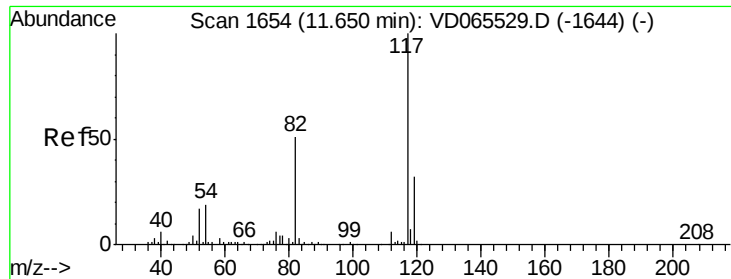


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

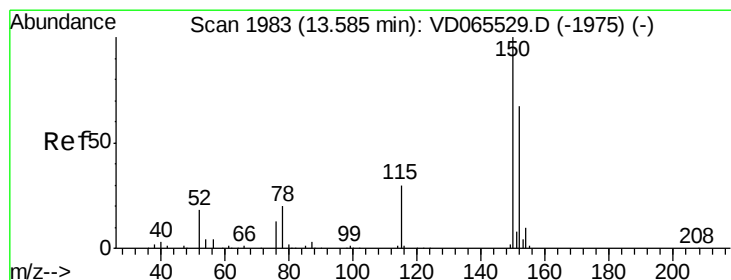
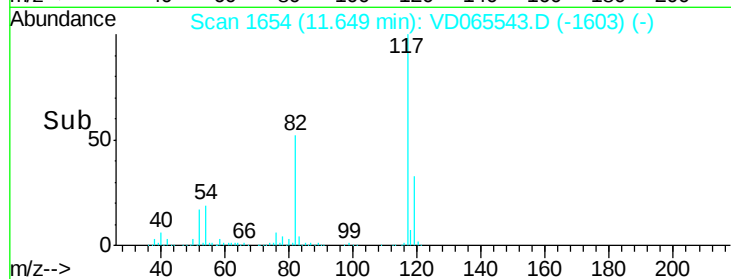
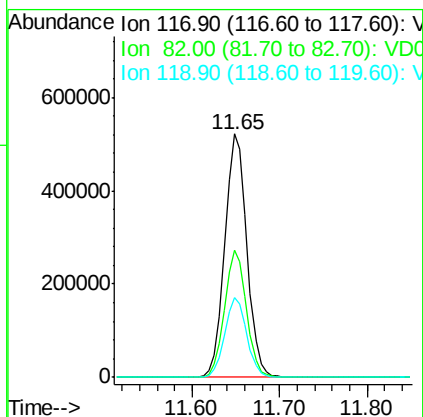
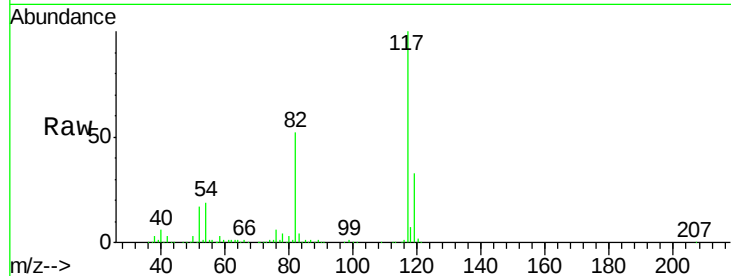




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD065543.D
Acq: 27 Mar 2020 14:46

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

Tot Ion:117 Resp: 906275
Ion Ratio Lower Upper
117 100
82 52.0 41.0 61.6
119 32.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD065543.D
Acq: 27 Mar 2020 14:46

Tgt Ion:152 Resp: 402021
Ion Ratio Lower Upper
152 100
115 55.9 27.2 81.6
150 158.7 0.0 340.2

