

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063535.D
 Acq On : 13 Aug 2019 18:53
 Operator : JC/SY
 Sample : K4319-03
 Misc : 5.57g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-PILE

Quant Time: Aug 14 09:17:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1161042	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1665181	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	1184059	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	495842	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	495076	39.89	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	79.78%	
35) Dibromofluoromethane	6.93	113	563167	40.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.32%	
50) Toluene-d8	10.42	98	1115938	36.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.38%	
62) 4-Bromofluorobenzene	13.56	95	432639	30.96	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	61.92%	

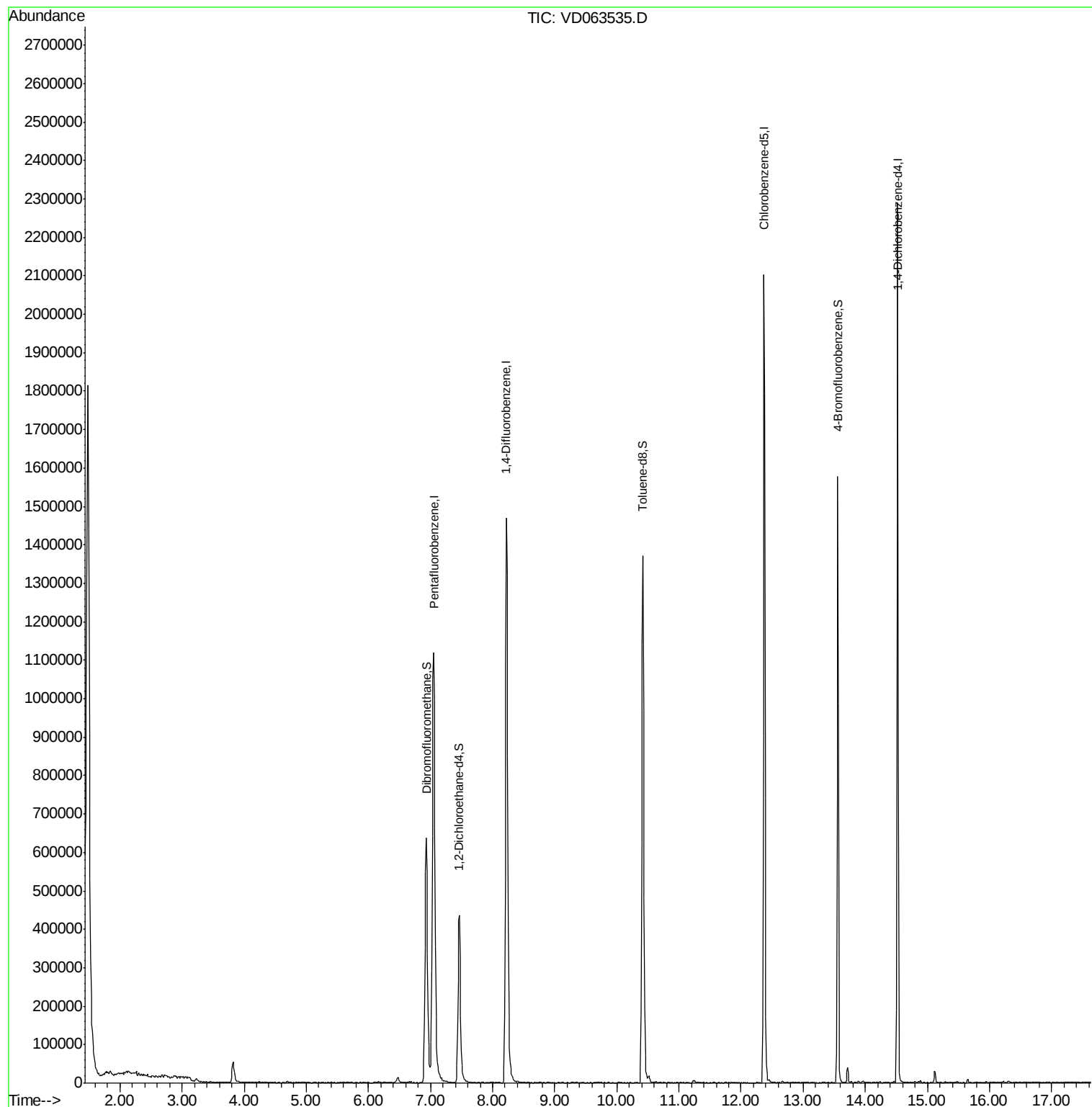
Target Compounds	Qvalue
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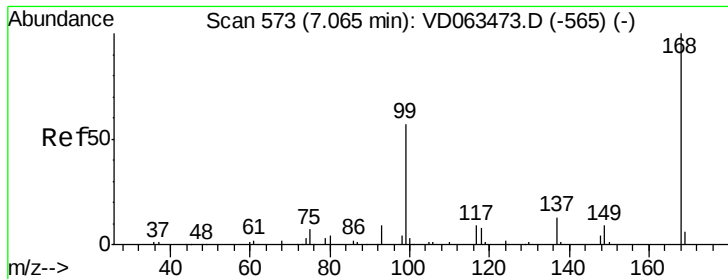
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD063535.D

Acq: 13 Aug 2019 18:53

Instrument :

MSVOA_D

ClientSampleId :

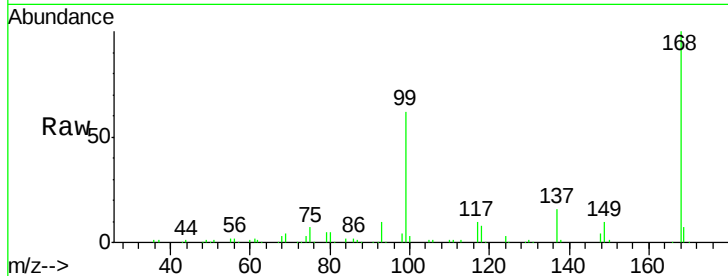
SOIL-PILE

Tot Ion:168 Resp: 1161042

Ion Ratio Lower Upper

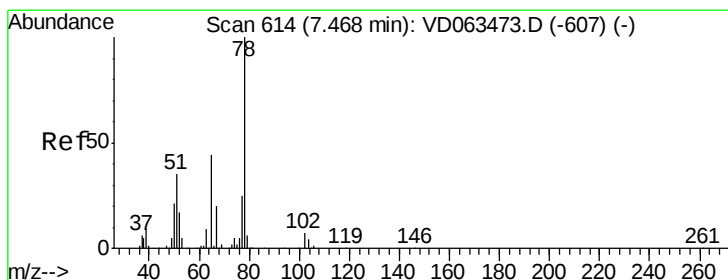
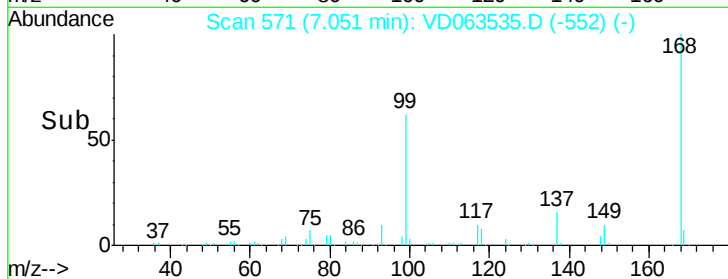
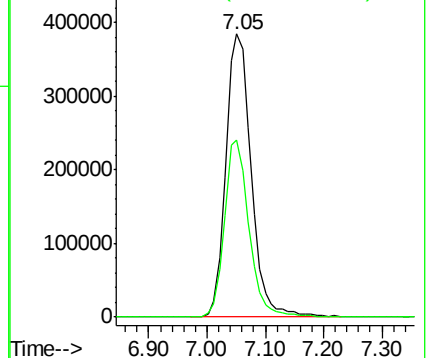
168 100

99 62.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 39.891 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063535.D

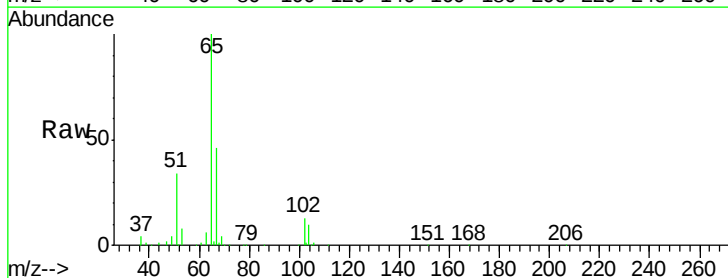
Acq: 13 Aug 2019 18:53

Tgt Ion: 65 Resp: 495076

Ion Ratio Lower Upper

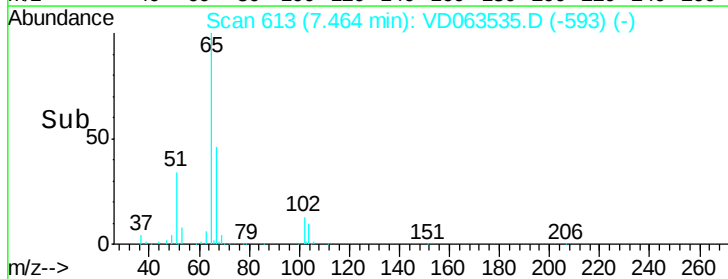
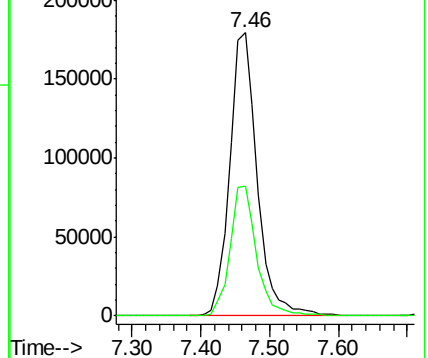
65 100

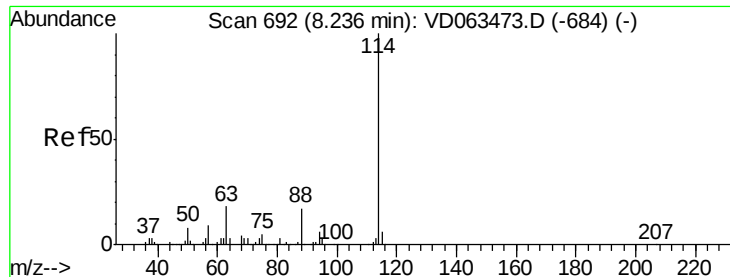
67 45.8 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD063535.D

Acq: 13 Aug 2019 18:53

Instrument :

MSVOA_D

ClientSampleId :

SOIL-PILE

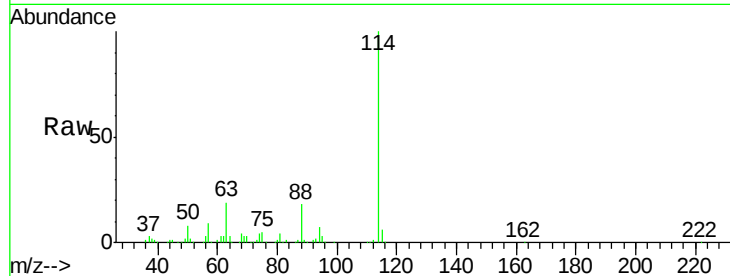
Tot Ion:114 Resp: 1665181

Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.2

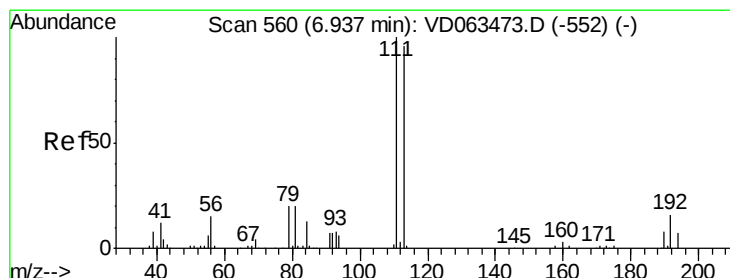
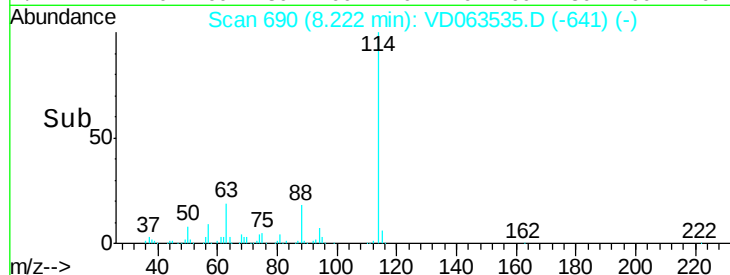
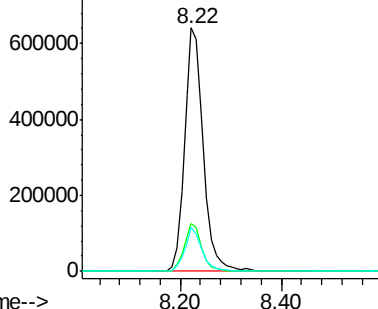
88 18.1 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 40.157 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD063535.D

Acq: 13 Aug 2019 18:53

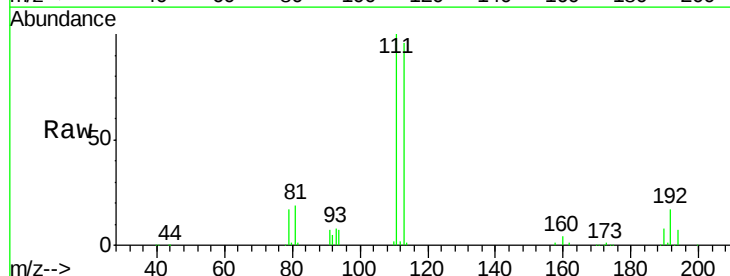
Tgt Ion:113 Resp: 563167

Ion Ratio Lower Upper

113 100

111 104.2 83.1 124.7

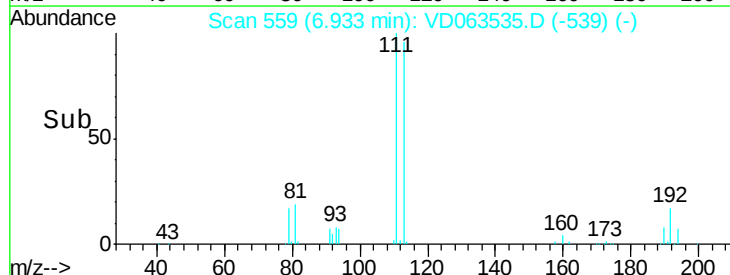
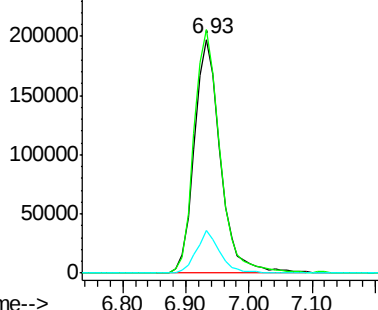
192 18.2 13.1 19.7

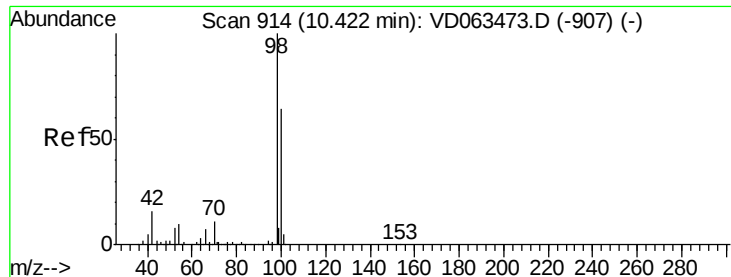


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

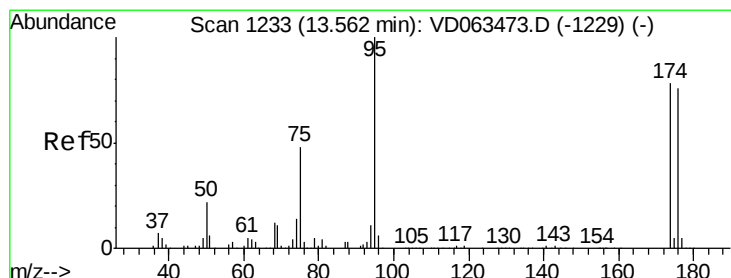
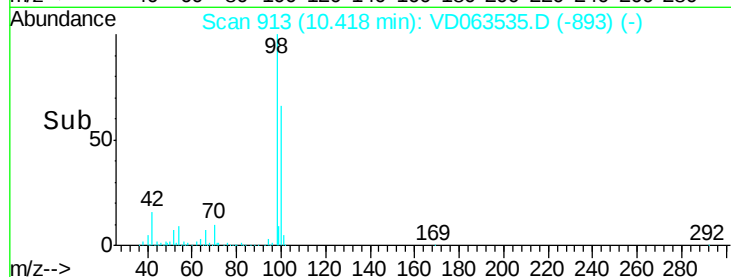
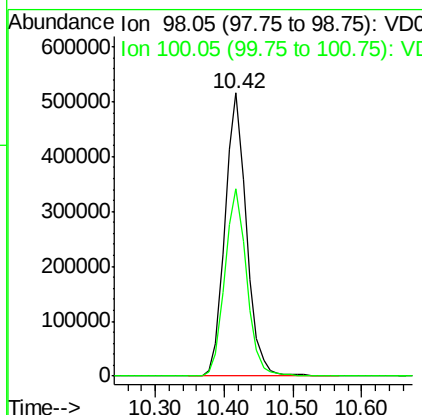
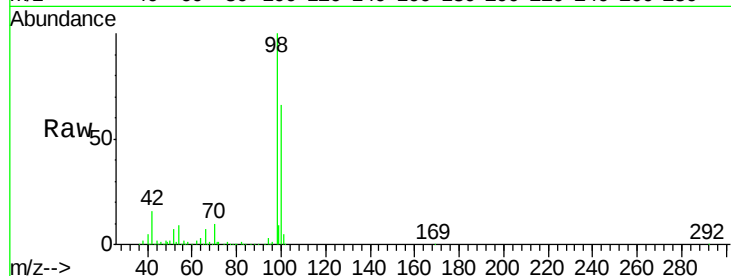




#50
Toluene-d8
Concen: 36.193 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063535.D
Acq: 13 Aug 2019 18:53

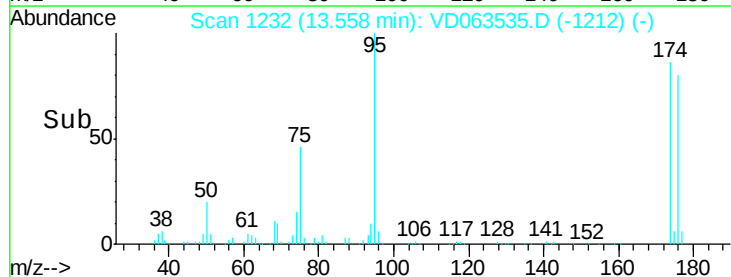
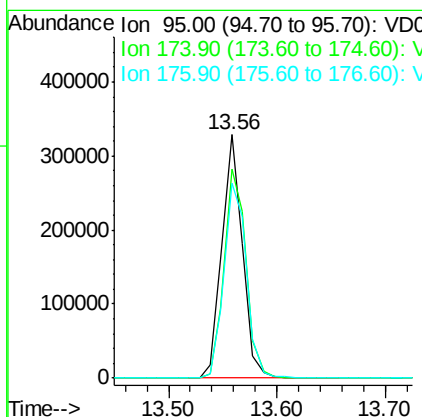
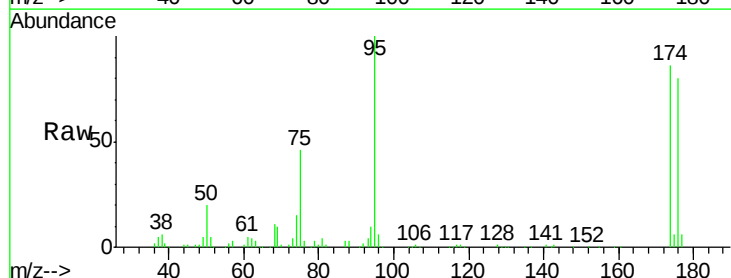
Instrument :
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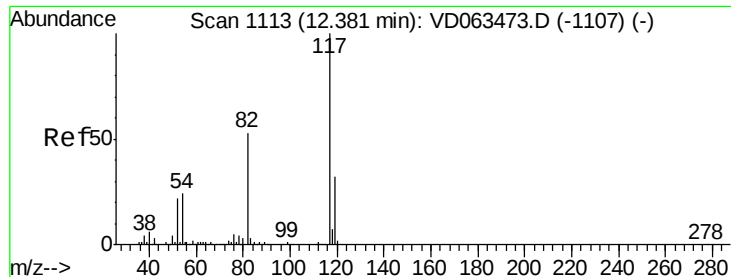
Tot Ion: 98 Resp: 1115938
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 30.958 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063535.D
Acq: 13 Aug 2019 18:53

Tgt Ion: 95 Resp: 432639
Ion Ratio Lower Upper
95 100
174 86.0 0.0 155.4
176 79.8 0.0 152.4

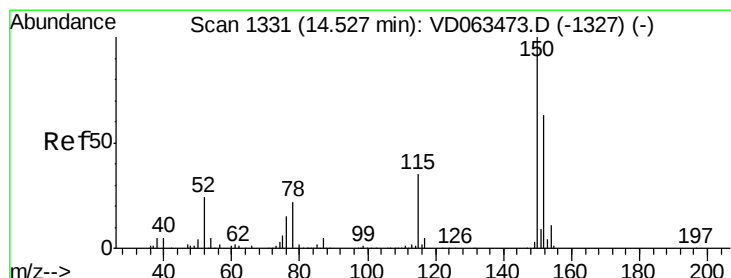
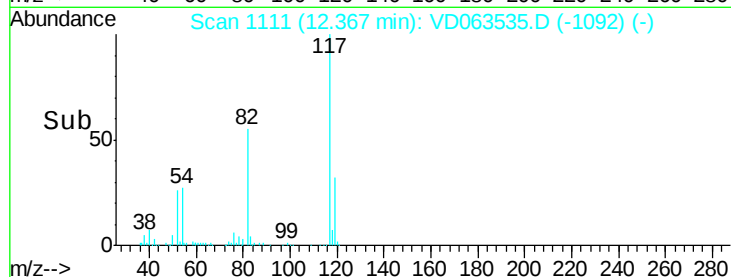
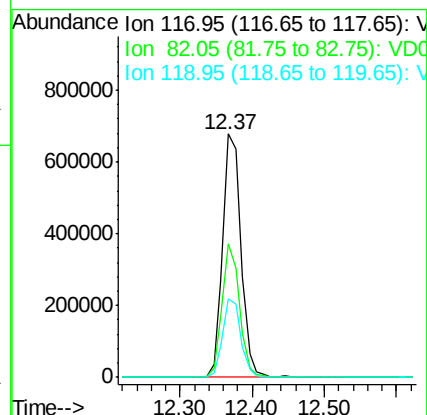
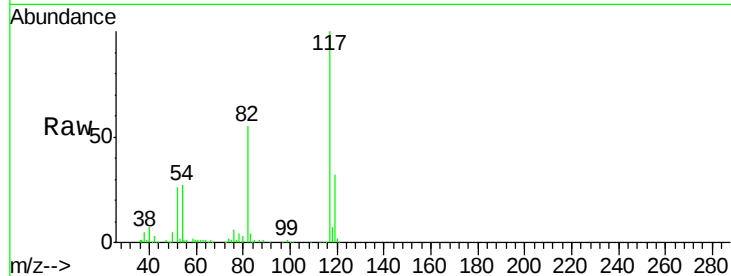




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063535.D
Acq: 13 Aug 2019 18:53

Instrument :
MSVOA_D
ClientSampleId :
SOIL-PILE

Tot Ion:117 Resp: 1184059
Ion Ratio Lower Upper
117 100
82 55.1 42.0 63.0
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063535.D
Acq: 13 Aug 2019 18:53

Tgt Ion:152 Resp: 495842
Ion Ratio Lower Upper
152 100
115 55.6 30.9 92.7
150 151.6 0.0 318.6

