

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062376.D
 Acq On : 15 May 2019 6:18
 Operator : FY/SY
 Sample : K2770-04
 Misc : 5.00g/5mL/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUM

Quant Time: May 15 06:43:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	522063	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	756714	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	529085	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	163515	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	273607	56.40	ug/l	0.04
Spiked Amount	50.000		Recovery	=	112.80%	
35) Dibromofluoromethane	6.94	113	288998	46.03	ug/l	0.04
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	10.42	98	479065	31.65	ug/l	0.03
Spiked Amount	50.000		Recovery	=	63.30%	
62) 4-Bromofluorobenzene	13.56	95	186921	30.75	ug/l	0.02
Spiked Amount	50.000		Recovery	=	61.50%	

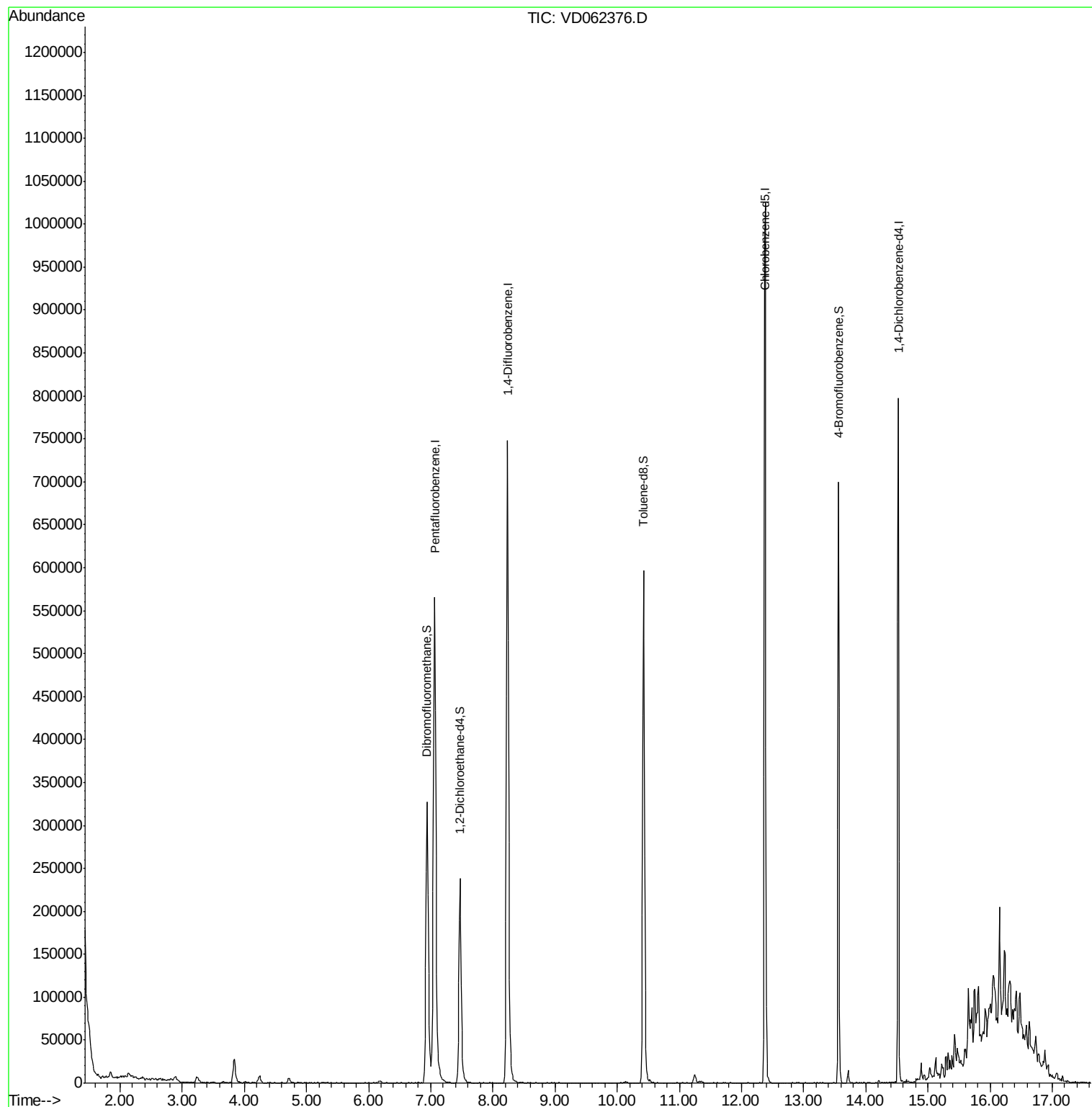
Target Compounds	Qvalue

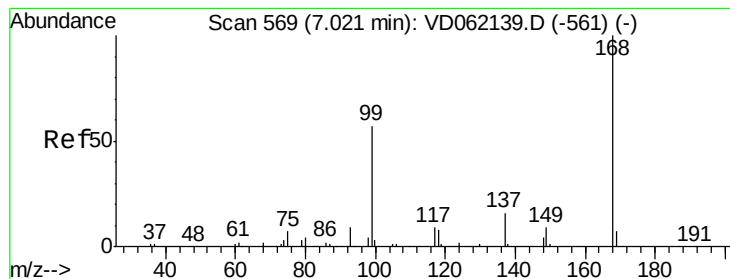
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD062376.D

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Instrument :

MSVOA_D

ClientSampleId :

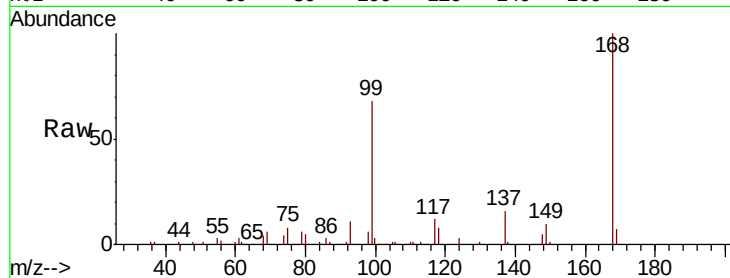
SOIL-DRUM

Tgt Ion:168 Resp: 522063

Ion Ratio Lower Upper

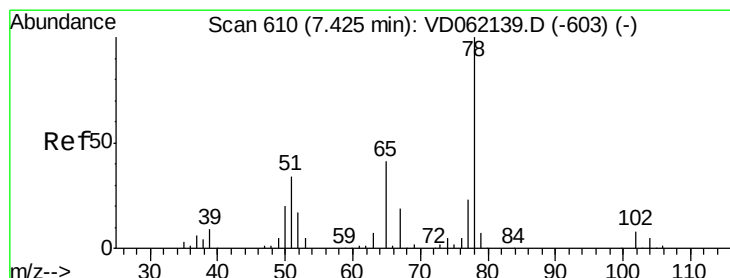
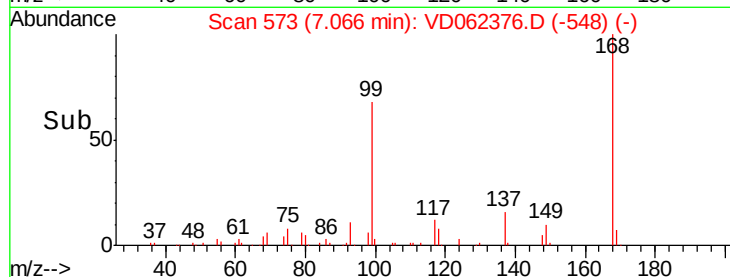
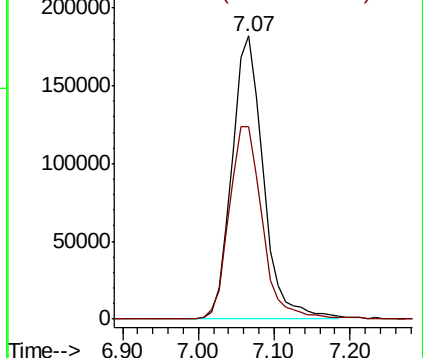
168 100

99 68.2 46.5 69.7



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: 56.395 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062376.D

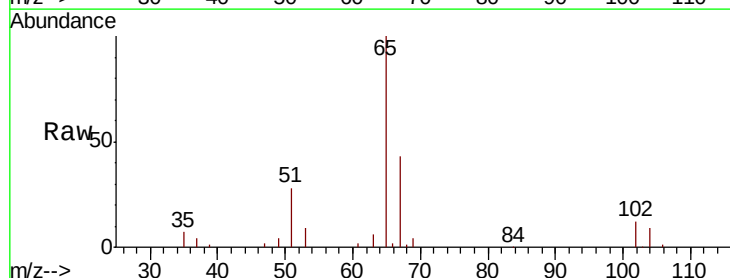
Acq: 15 May 2019 6:18

Tgt Ion: 65 Resp: 273607

Ion Ratio Lower Upper

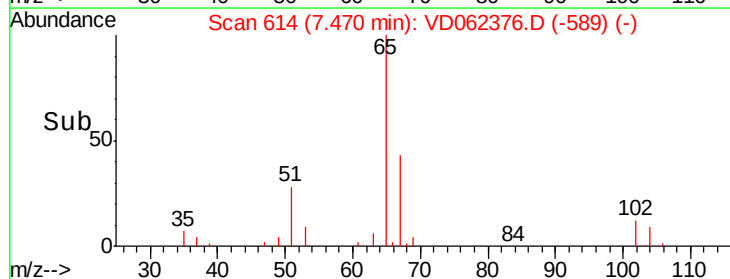
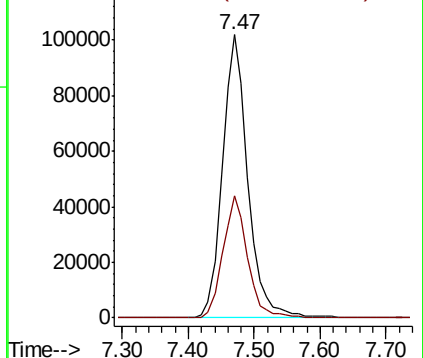
65 100

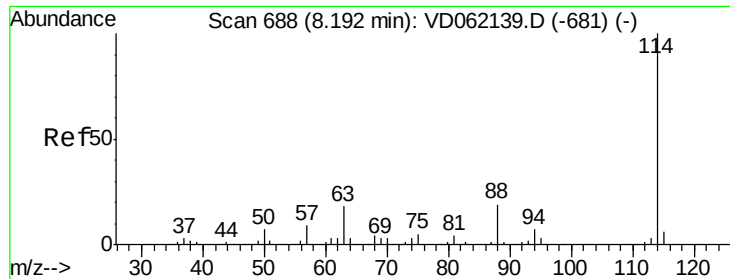
67 43.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

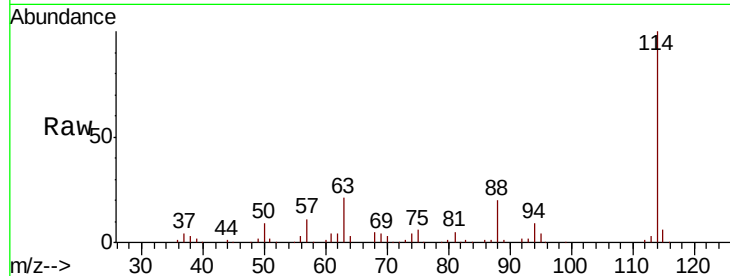




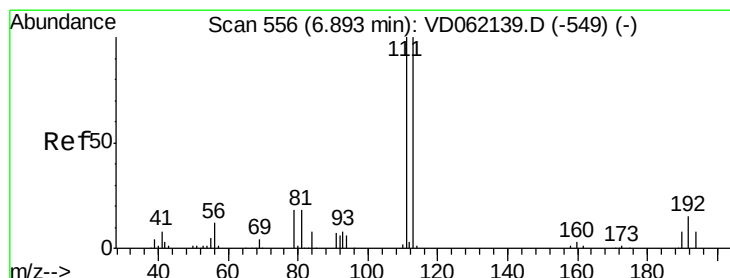
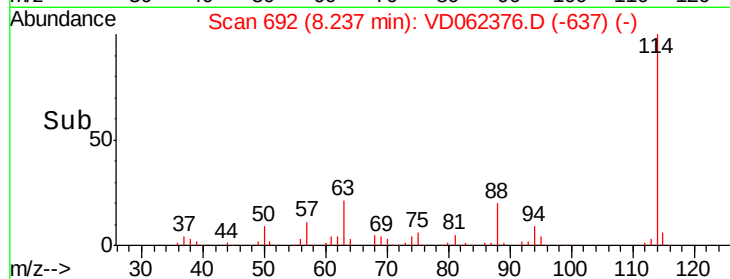
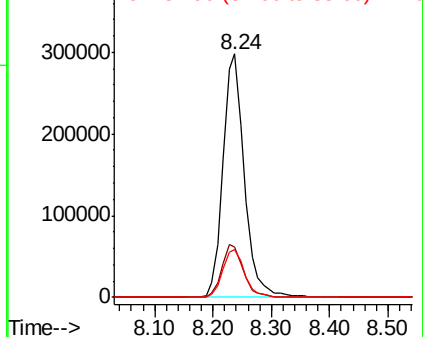
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062376.D
 Acq: 15 May 2019 6:18

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUM

Tgt Ion:114 Resp: 756714
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 32.4
 88 19.7 0.0 33.6

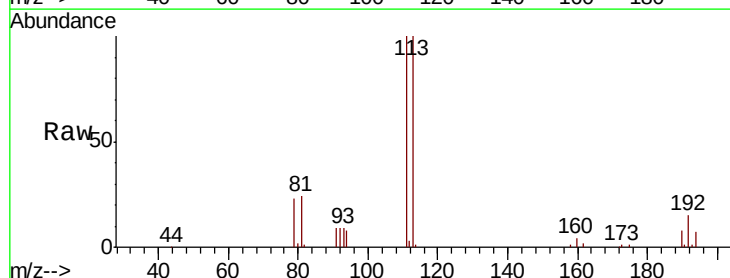


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

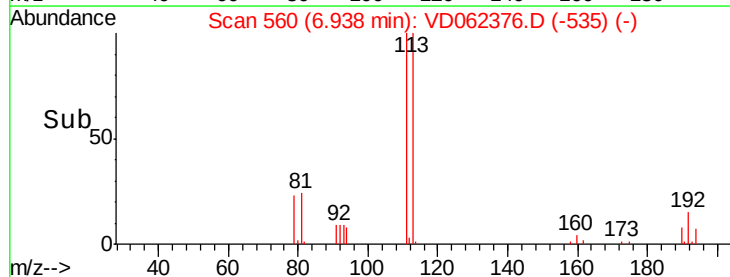
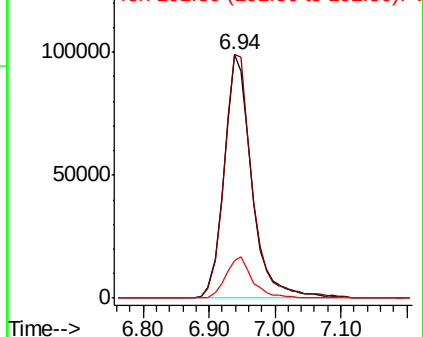


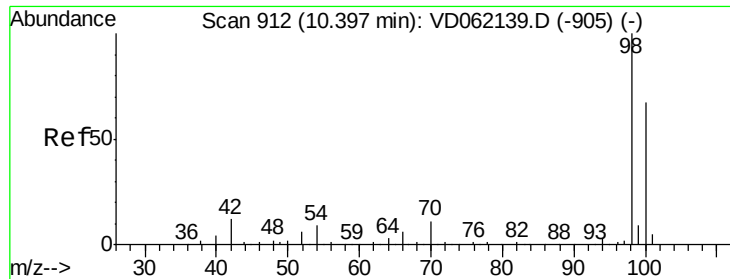
#35
 Dibromofluoromethane
 Concen: 46.029 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD062376.D
 Acq: 15 May 2019 6:18

Tgt Ion:113 Resp: 288998
 Ion Ratio Lower Upper
 113 100
 111 100.0 78.5 117.7
 192 15.3 13.0 19.4



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

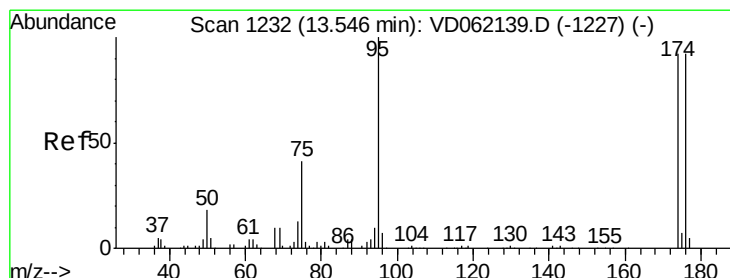
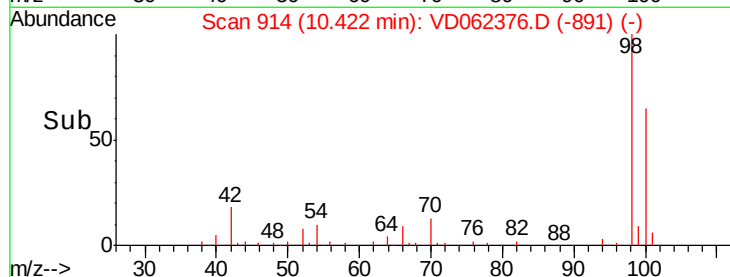
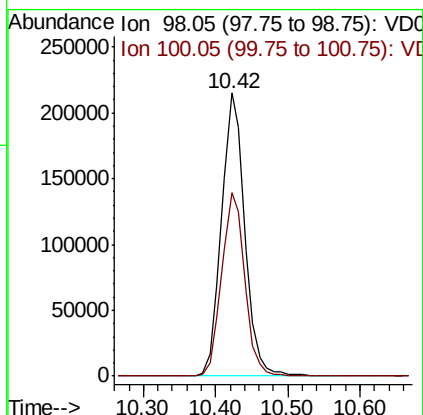
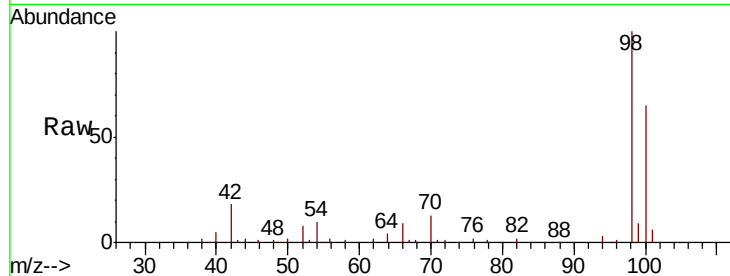




#50
Toluene-d8
Concen: 31.646 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD062376.D
Acq: 15 May 2019 6:18

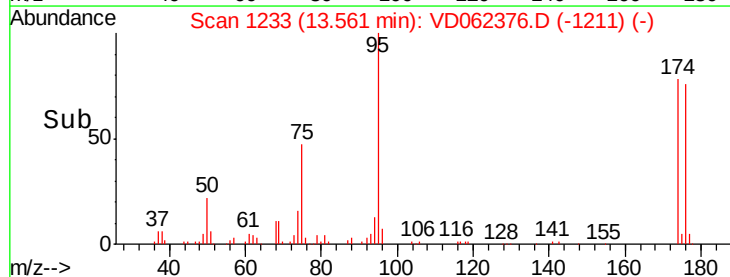
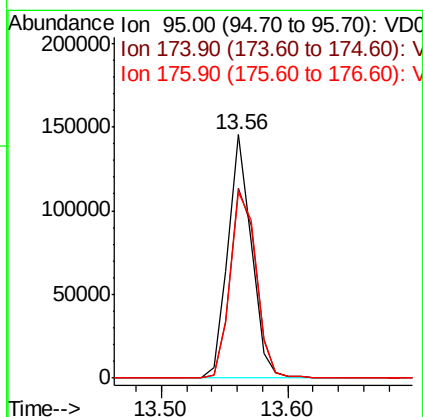
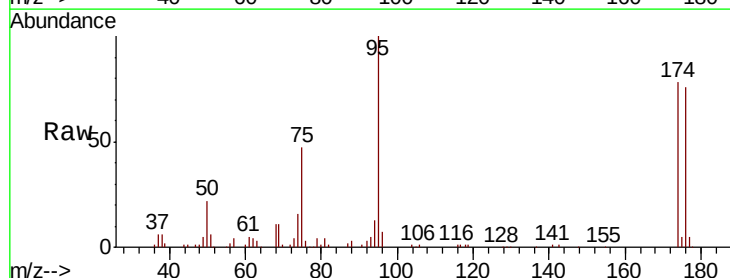
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

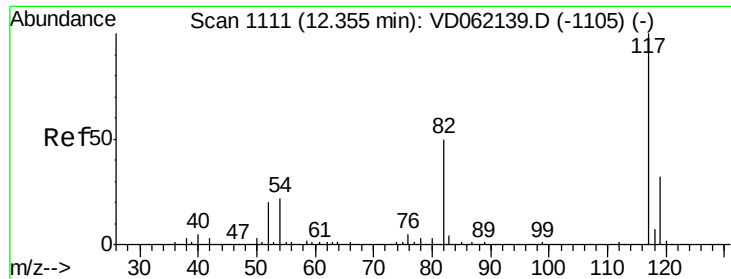
Tgt Ion: 98 Resp: 479065
Ion Ratio Lower Upper
98 100
100 64.9 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 30.749 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.02 min
Lab File: VD062376.D
Acq: 15 May 2019 6:18

Tgt Ion: 95 Resp: 186921
Ion Ratio Lower Upper
95 100
174 77.9 0.0 181.8
176 76.4 0.0 174.4

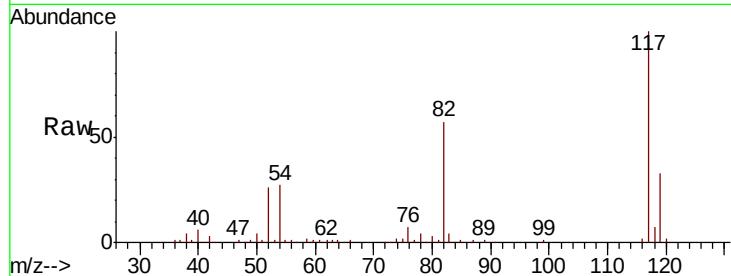




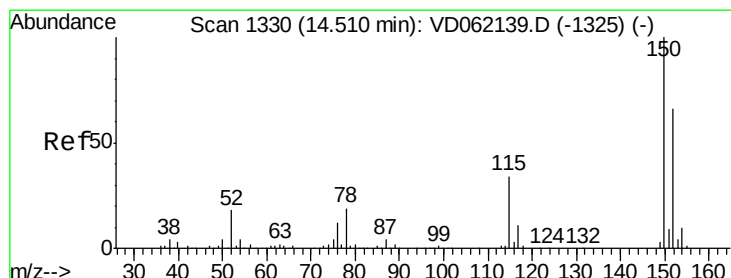
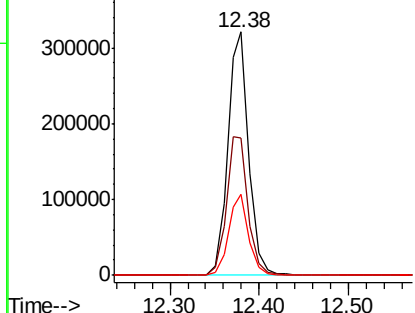
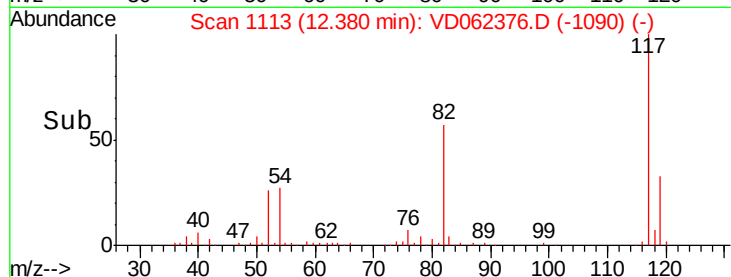
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD062376.D
Acq: 15 May 2019 6:18

Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

Tgt Ion:117 Resp: 529085
Ion Ratio Lower Upper
117 100
82 56.6 36.2 54.2#
119 33.4 26.2 39.4

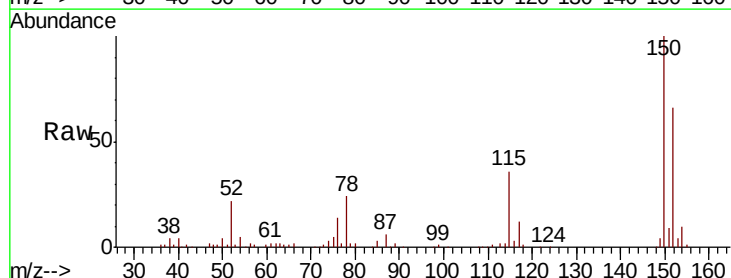


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062376.D
Acq: 15 May 2019 6:18

Tgt Ion:152 Resp: 163515
Ion Ratio Lower Upper
152 100
115 53.9 30.9 92.7
150 151.3 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

