

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100518\
 Data File : VD060139.D
 Acq On : 5 Oct 2018 16:10
 Operator : VA/AP
 Sample : J5270-07
 Misc : 7.30g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PHASE-3-SOIL

Quant Time: Oct 06 00:07:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1492926	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	1973082	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1278740	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	298711	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	437242	38.64	ug/l	0.02
Spiked Amount	50.000		Recovery	=	77.28%	
35) Dibromofluoromethane	6.31	113	600912	40.11	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.22%	
50) Toluene-d8	9.45	98	1342425	31.42	ug/l	0.02
Spiked Amount	50.000		Recovery	=	62.84%	
62) 4-Bromofluorobenzene	12.42	95	299318	18.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.42%	

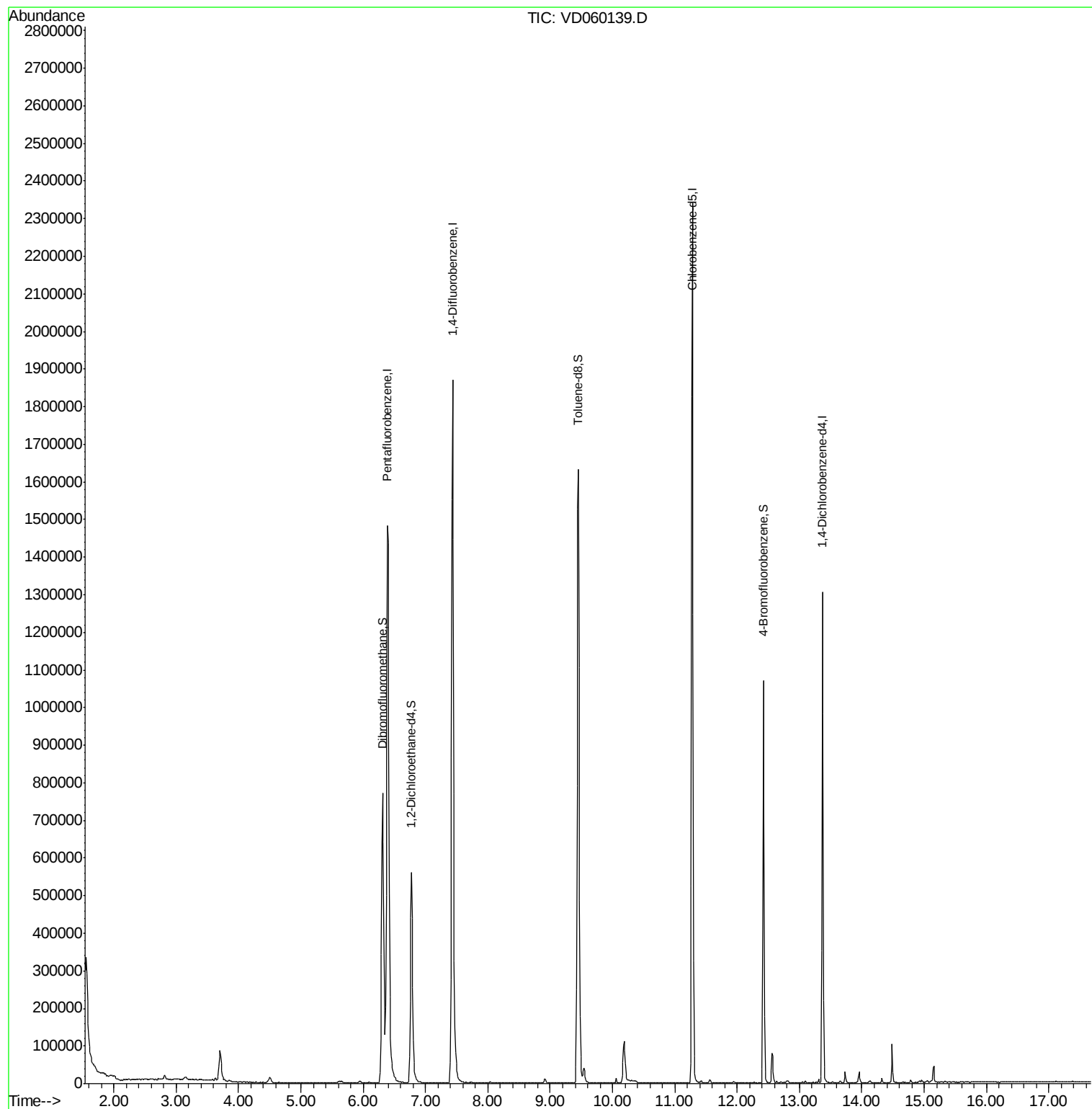
Target Compounds	Qvalue

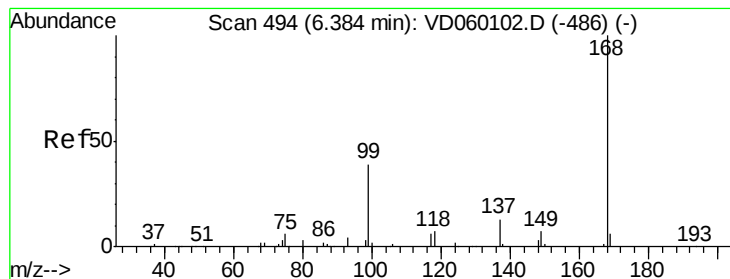
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060139.D

Acq: 5 Oct 2018 16:10

Instrument :

MSVOA_D

ClientSampleId :

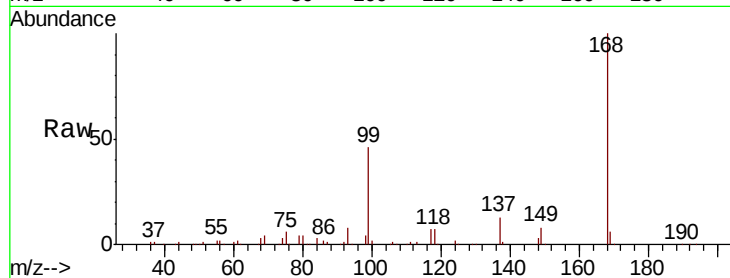
PHASE-3-SOIL

Tot Ion:168 Resp: 1492926

Ion Ratio Lower Upper

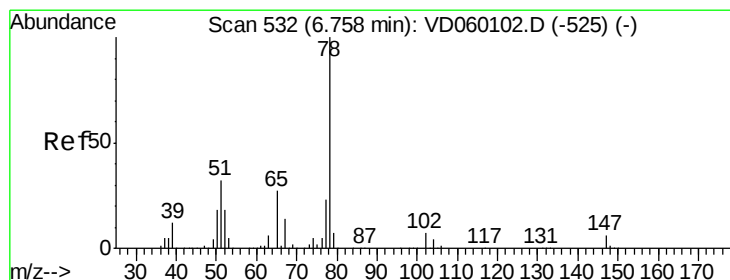
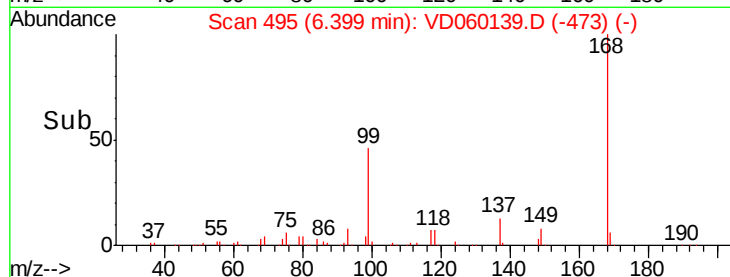
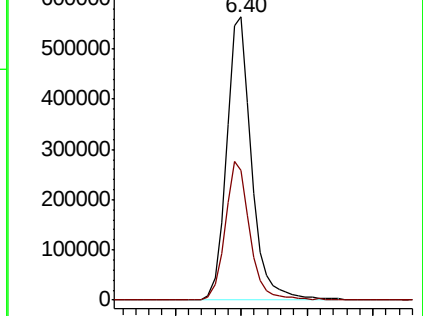
168 100

99 45.8 35.4 53.0



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: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.02 min

Lab File: VD060139.D

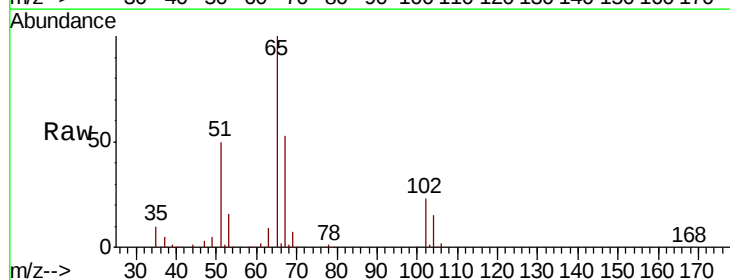
Acq: 5 Oct 2018 16:10

Tgt Ion: 65 Resp: 437242

Ion Ratio Lower Upper

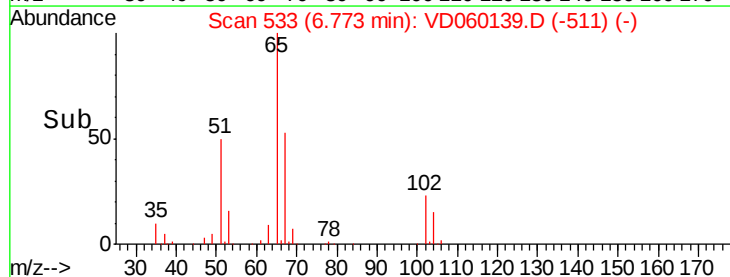
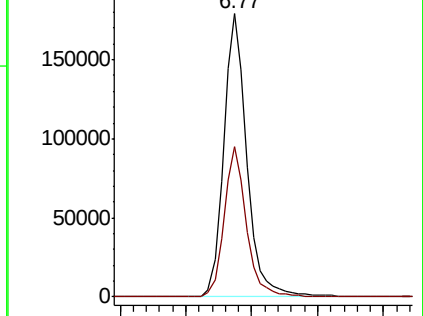
65 100

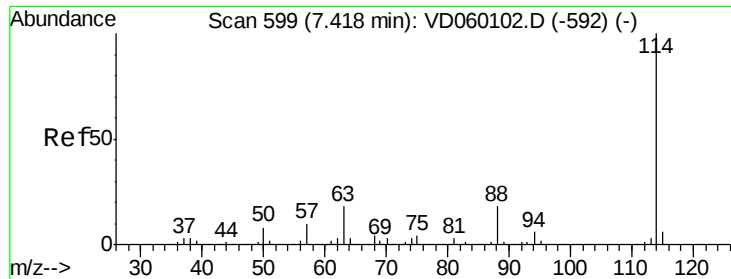
67 53.2 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

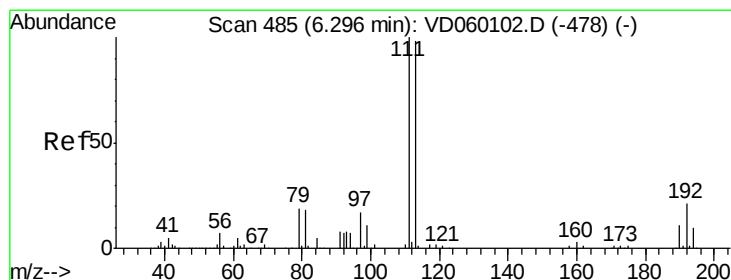
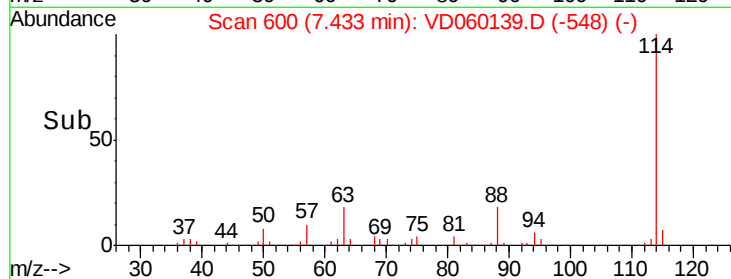
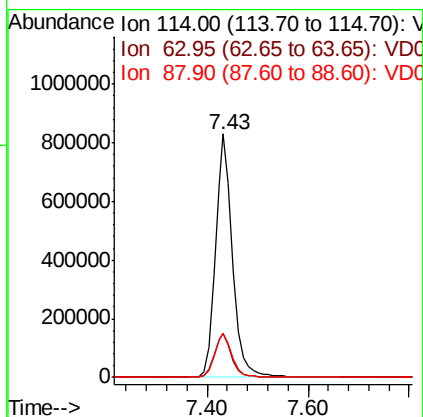
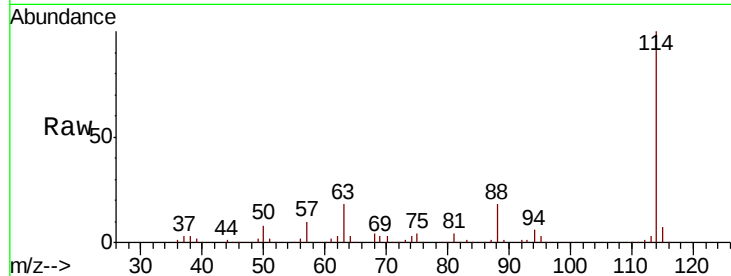




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.02 min
 Lab File: VD060139.D
 Acq: 5 Oct 2018 16:10

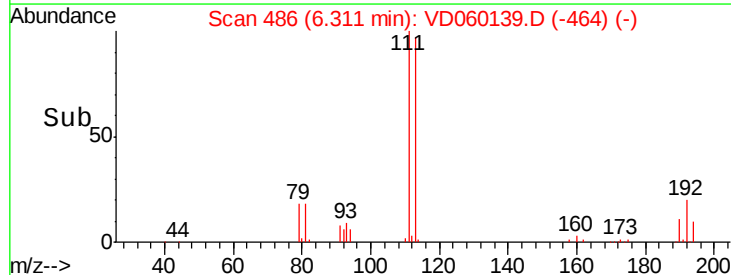
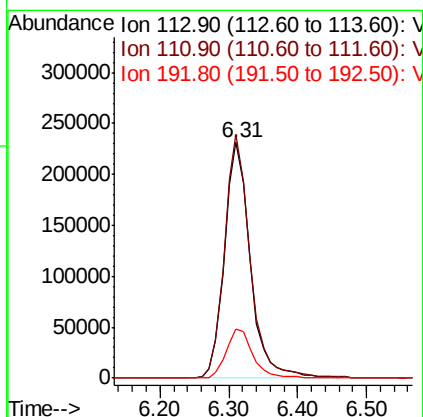
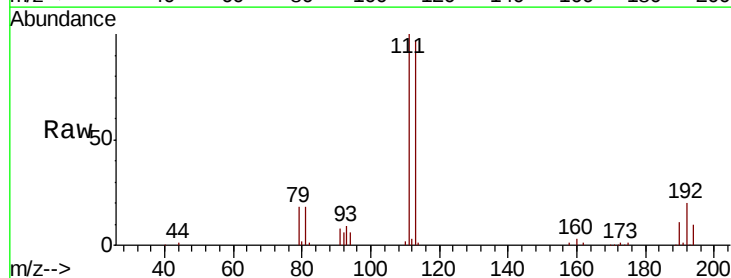
Instrument :
 MSVOA_D
 ClientSampleId :
 PHASE-3-SOIL

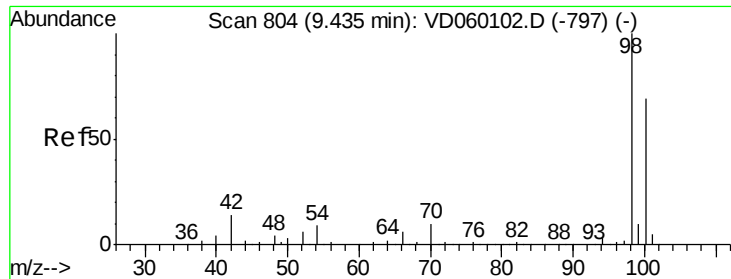
Tot Ion:114 Resp: 1973082
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.0
 88 18.2 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.02 min
 Lab File: VD060139.D
 Acq: 5 Oct 2018 16:10

Tgt Ion:113 Resp: 600912
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.5 122.3
 192 20.8 17.4 26.0

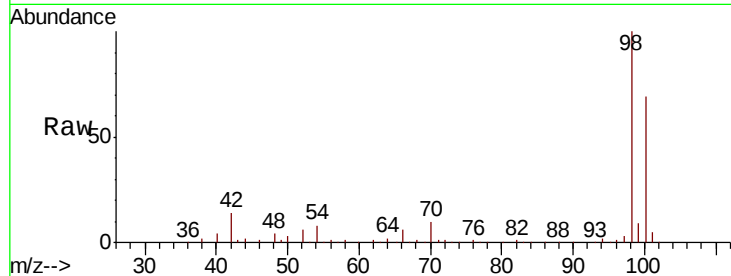




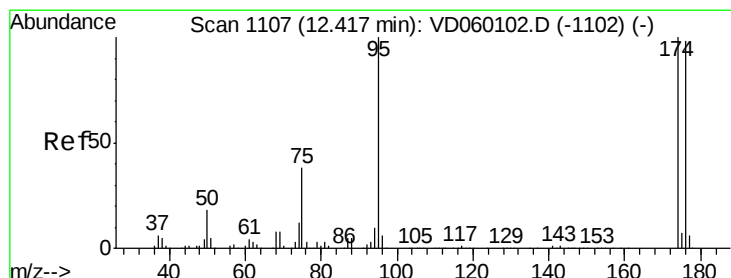
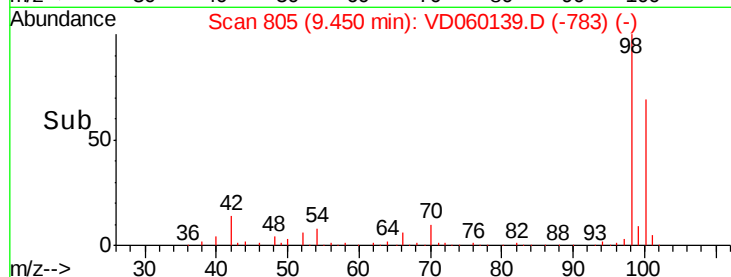
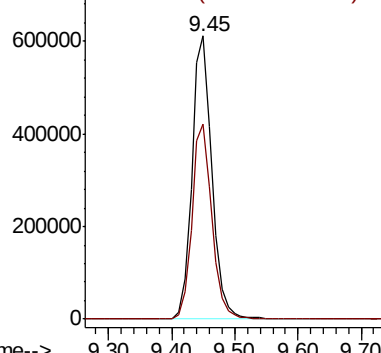
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 805
Delta R.T. 0.02 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Instrument :
MSVOA_D
ClientSampleId :
PHASE-3-SOIL

Tot Ion: 98 Resp: 1342425
Ion Ratio Lower Upper
98 100
100 69.0 55.4 83.0

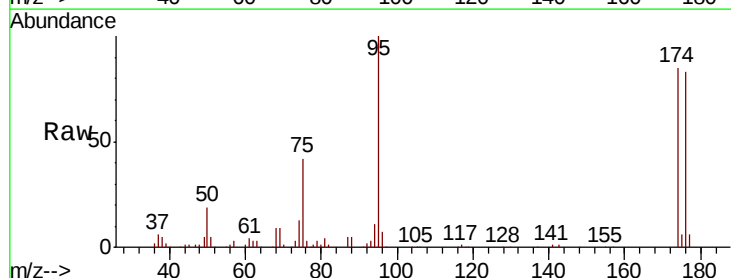


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

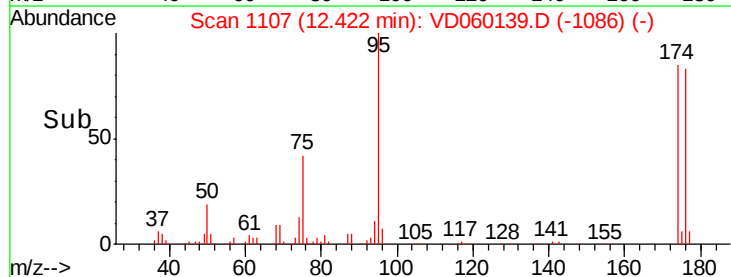
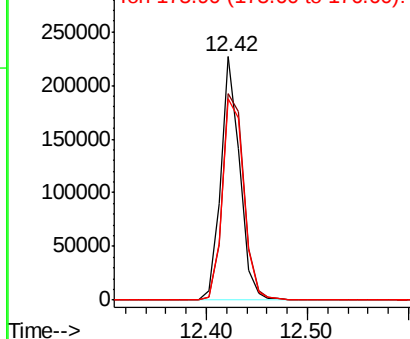


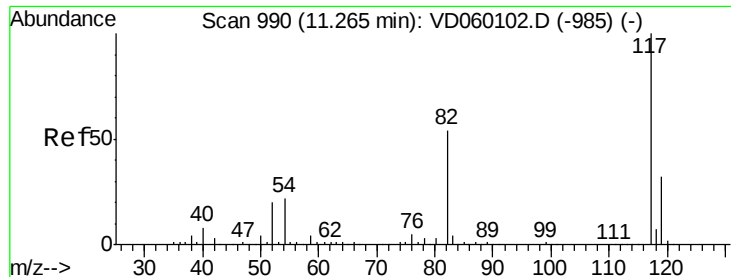
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Tgt Ion: 95 Resp: 299318
Ion Ratio Lower Upper
95 100
174 84.7 0.0 200.2
176 82.7 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

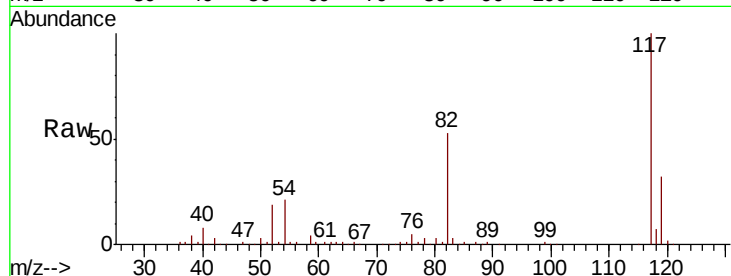




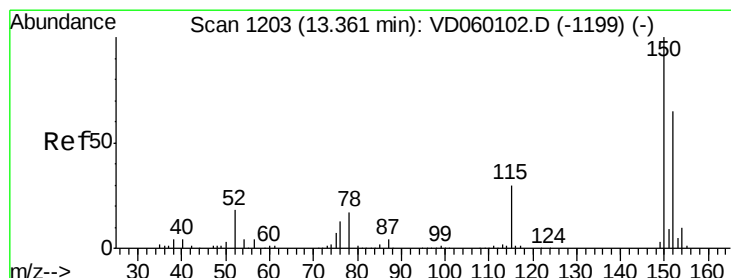
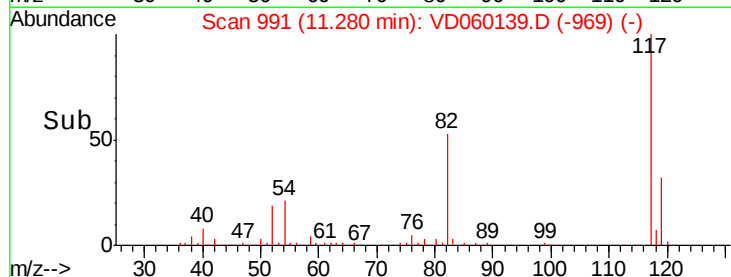
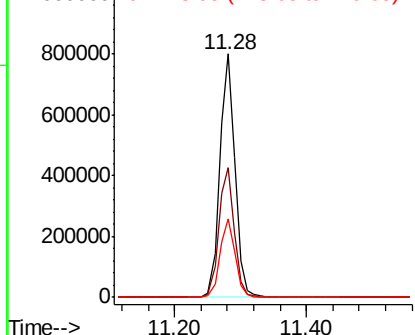
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.02 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Instrument :
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ClientSampleId :
PHASE-3-SOIL

Tot Ion:117 Resp: 1278740
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.2
119 32.4 26.0 39.0

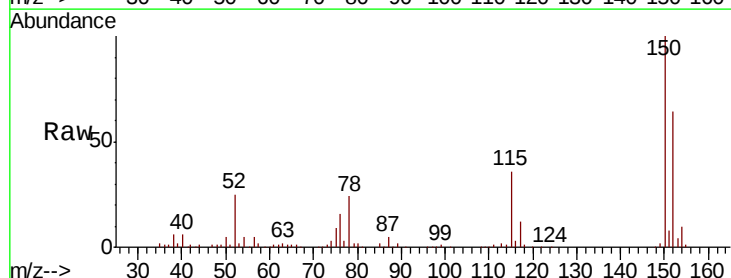


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. 0.01 min
Lab File: VD060139.D
Acq: 5 Oct 2018 16:10

Tgt Ion:152 Resp: 298711
Ion Ratio Lower Upper
152 100
115 57.0 27.1 81.2
150 156.9 0.0 311.8



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

