

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091018\
 Data File : VD059986.D
 Acq On : 10 Sep 2018 11:52
 Operator : JC/SY
 Sample : VD0910SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBL01

Quant Time: Sep 10 14:27:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 03:03:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1429965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.44	114	1978018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1570640	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	849940	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	621751	51.59	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	6.32	113	793695	51.18	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	102.36%	
50) Toluene-d8	9.45	98	2144446	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	12.43	95	847907	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	

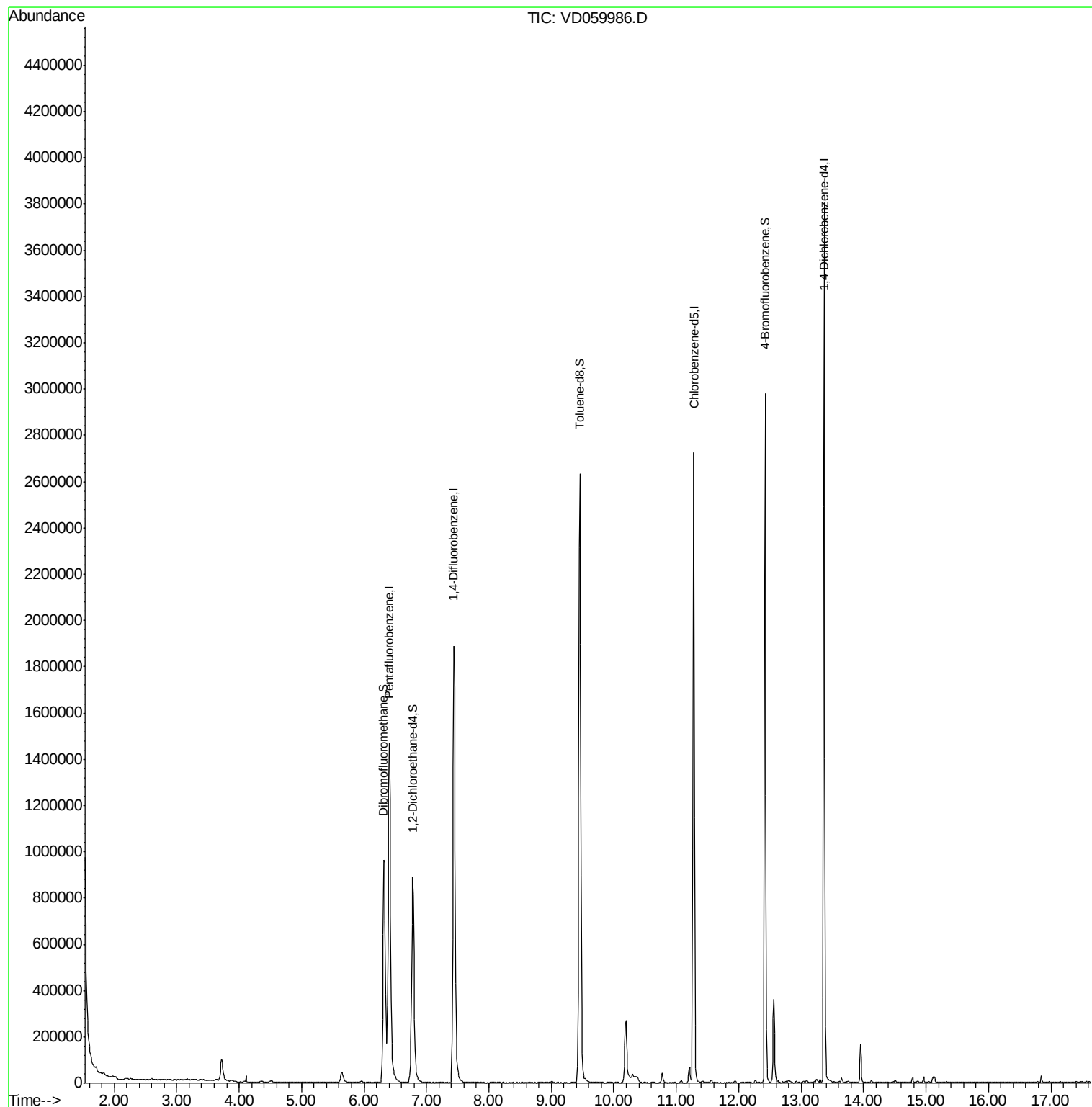
Target Compounds	Qvalue
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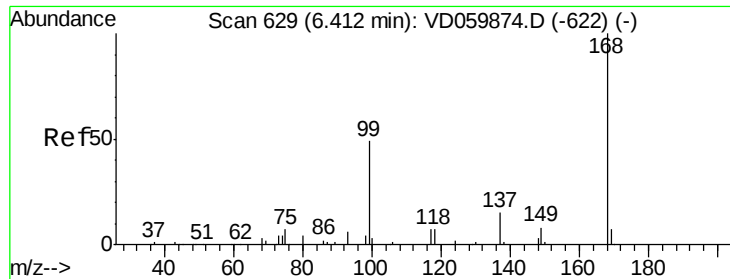
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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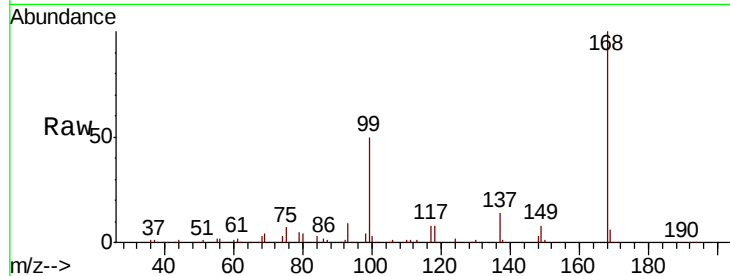


#1

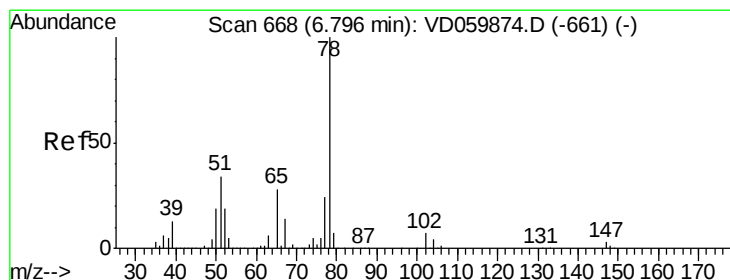
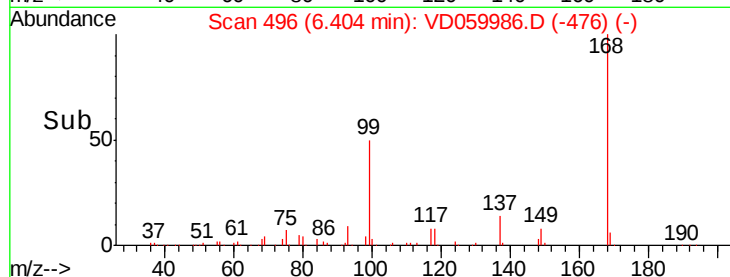
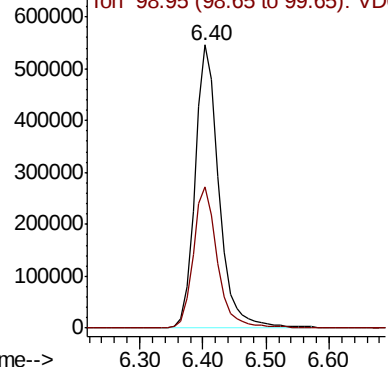
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 6.40 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: VD059986.D
 Acq: 10 Sep 2018 11:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0910SBL01

Tot Ion:168 Resp: 1429965
 Ion Ratio Lower Upper
 168 100
 99 49.9 42.2 63.2



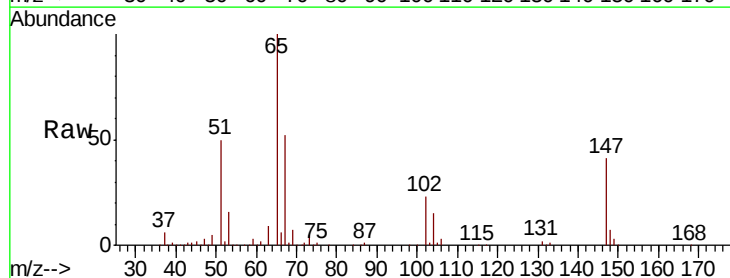
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.95 (98.65 to 99.65): VDC



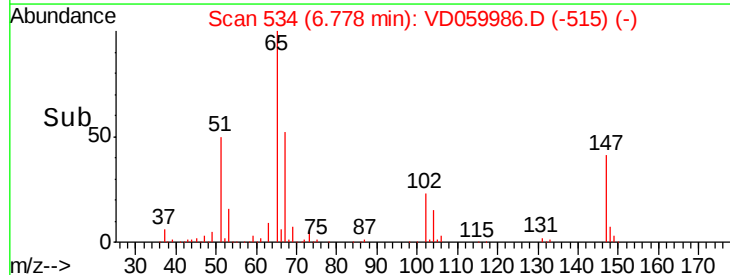
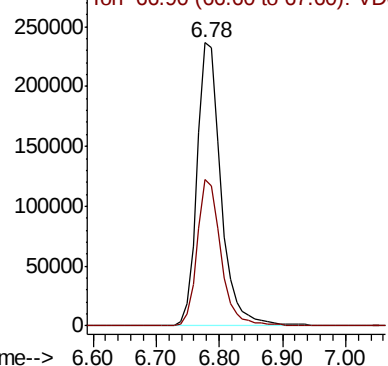
#33

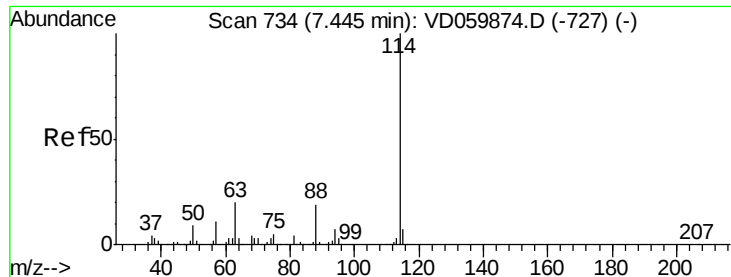
1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. -0.02 min
 Lab File: VD059986.D
 Acq: 10 Sep 2018 11:52

Tgt Ion: 65 Resp: 621751
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
 Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.44 min Scan# 601

Delta R.T. -0.01 min

Lab File: VD059986.D

Acq: 10 Sep 2018 11:52

Instrument :

MSVOA_D

ClientSampleId :

VD0910SBL01

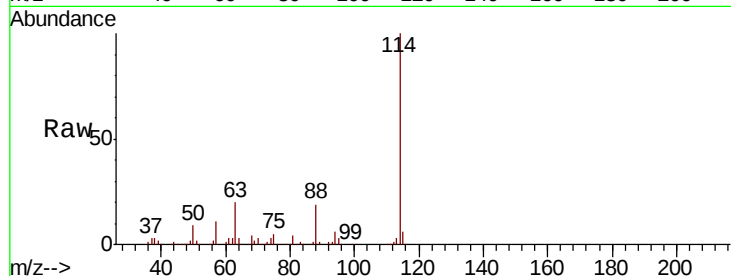
Tot Ion:114 Resp: 1978018

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

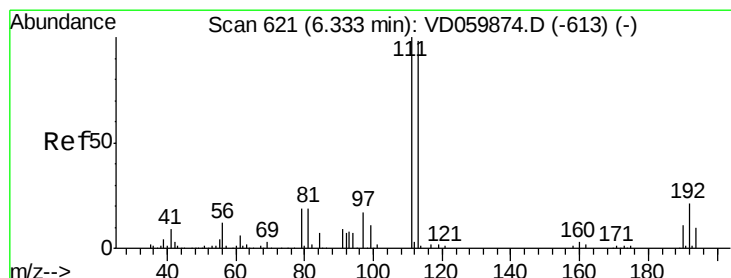
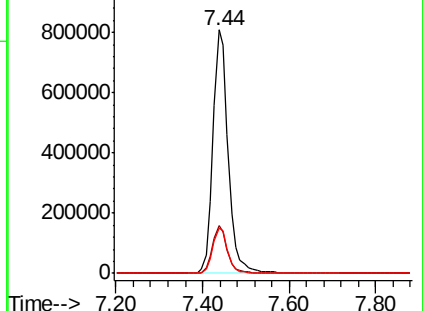
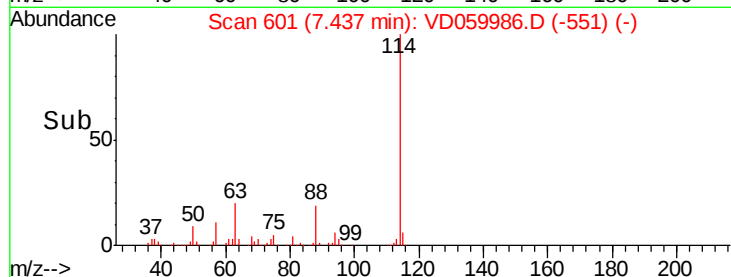
88 18.7 0.0 37.6



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: 50.00 ug/l

RT: 6.32 min Scan# 487

Delta R.T. -0.02 min

Lab File: VD059986.D

Acq: 10 Sep 2018 11:52

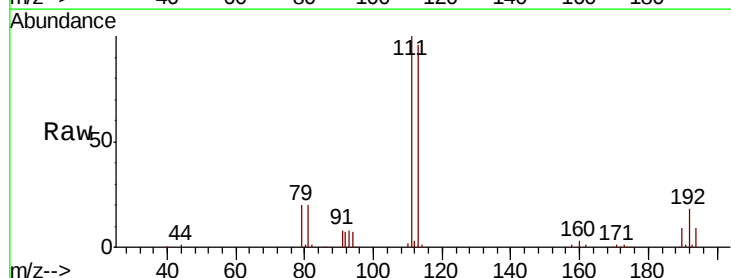
Tgt Ion:113 Resp: 793695

Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.2

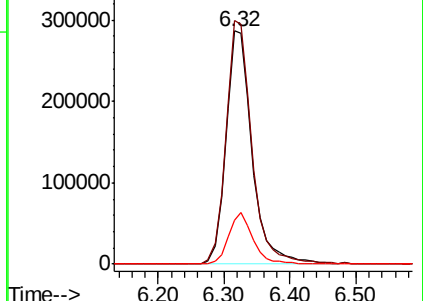
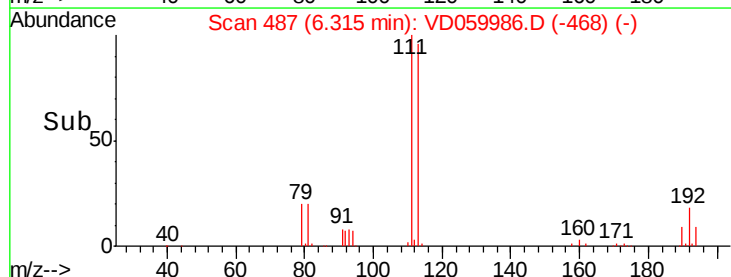
192 18.8 17.0 25.6

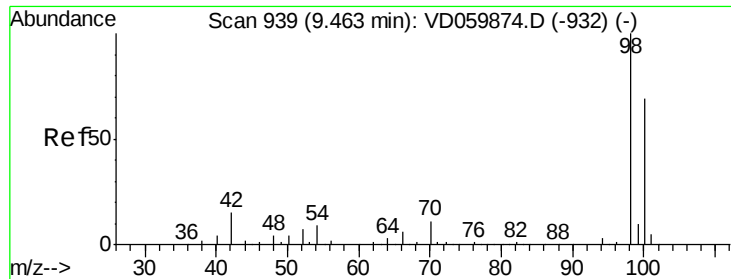


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

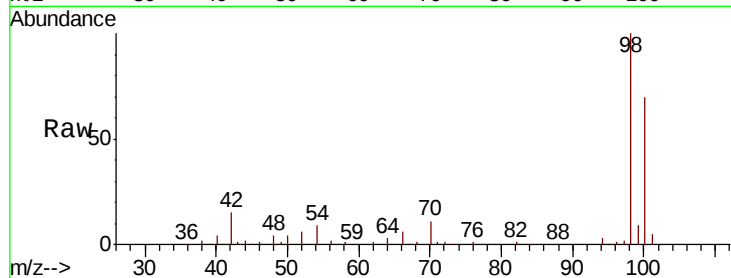




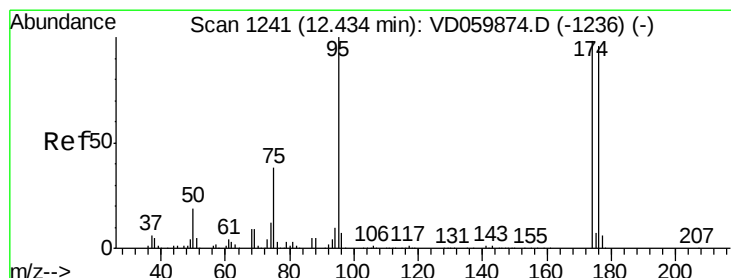
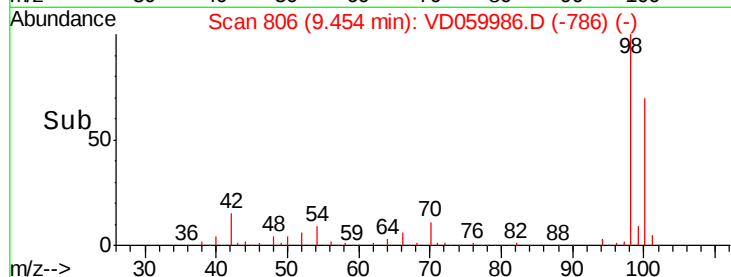
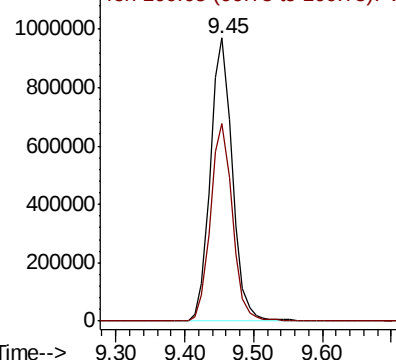
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.45 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD059986.D
Acq: 10 Sep 2018 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBL01

Tot Ion: 98 Resp: 2144446
Ion Ratio Lower Upper
98 100
100 69.6 55.8 83.6

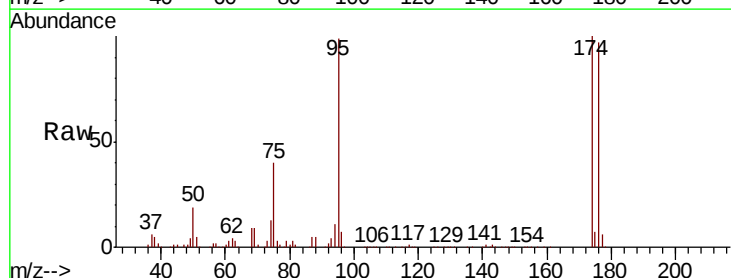


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

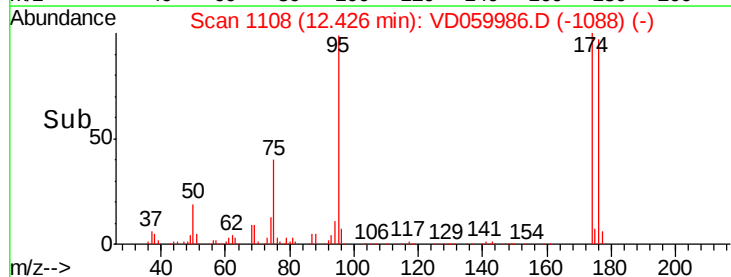
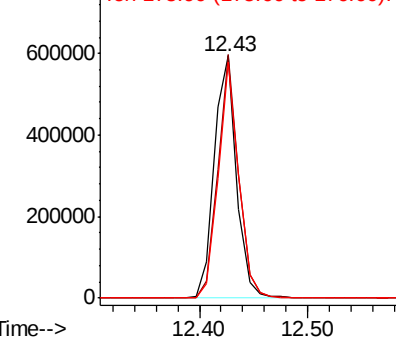


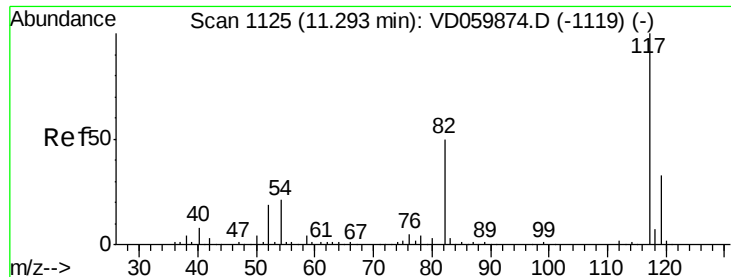
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD059986.D
Acq: 10 Sep 2018 11:52

Tgt Ion: 95 Resp: 847907
Ion Ratio Lower Upper
95 100
174 100.6 0.0 195.6
176 97.5 0.0 191.2



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

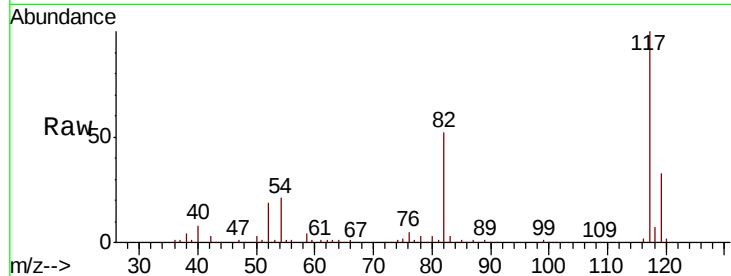




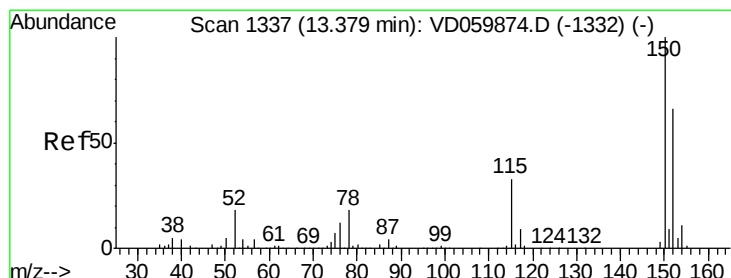
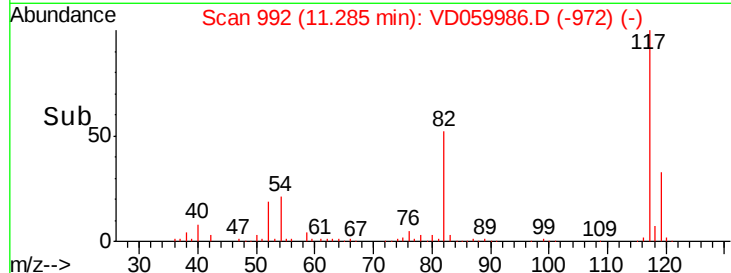
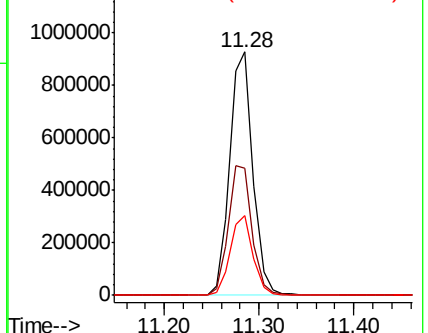
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD059986.D
Acq: 10 Sep 2018 11:52

Instrument :
MSVOA_D
ClientSampleId :
VD0910SBL01

Tot Ion:117 Resp: 1570640
Ion Ratio Lower Upper
117 100
82 52.1 40.1 60.1
119 33.0 26.7 40.1

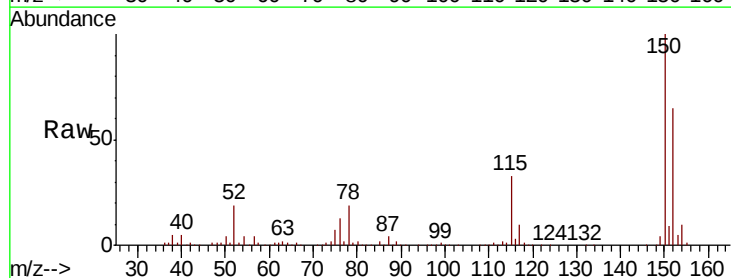


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD059986.D
Acq: 10 Sep 2018 11:52

Tgt Ion:152 Resp: 849940
Ion Ratio Lower Upper
152 100
115 51.1 25.7 77.0
150 154.5 0.0 310.2



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

