

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082418\
 Data File : VD059901.D
 Acq On : 24 Aug 2018 12:24
 Operator : JC/SY
 Sample : VD0824SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBL01

Quant Time: Aug 24 14:53:40 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	6.39	168	1187661	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.42	114	1614273	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1382884	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	701970	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	515499	51.50	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	6.30	113	617884	48.82	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	9.44	98	1692841	48.20	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.42	95	699003	49.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	98.00%	

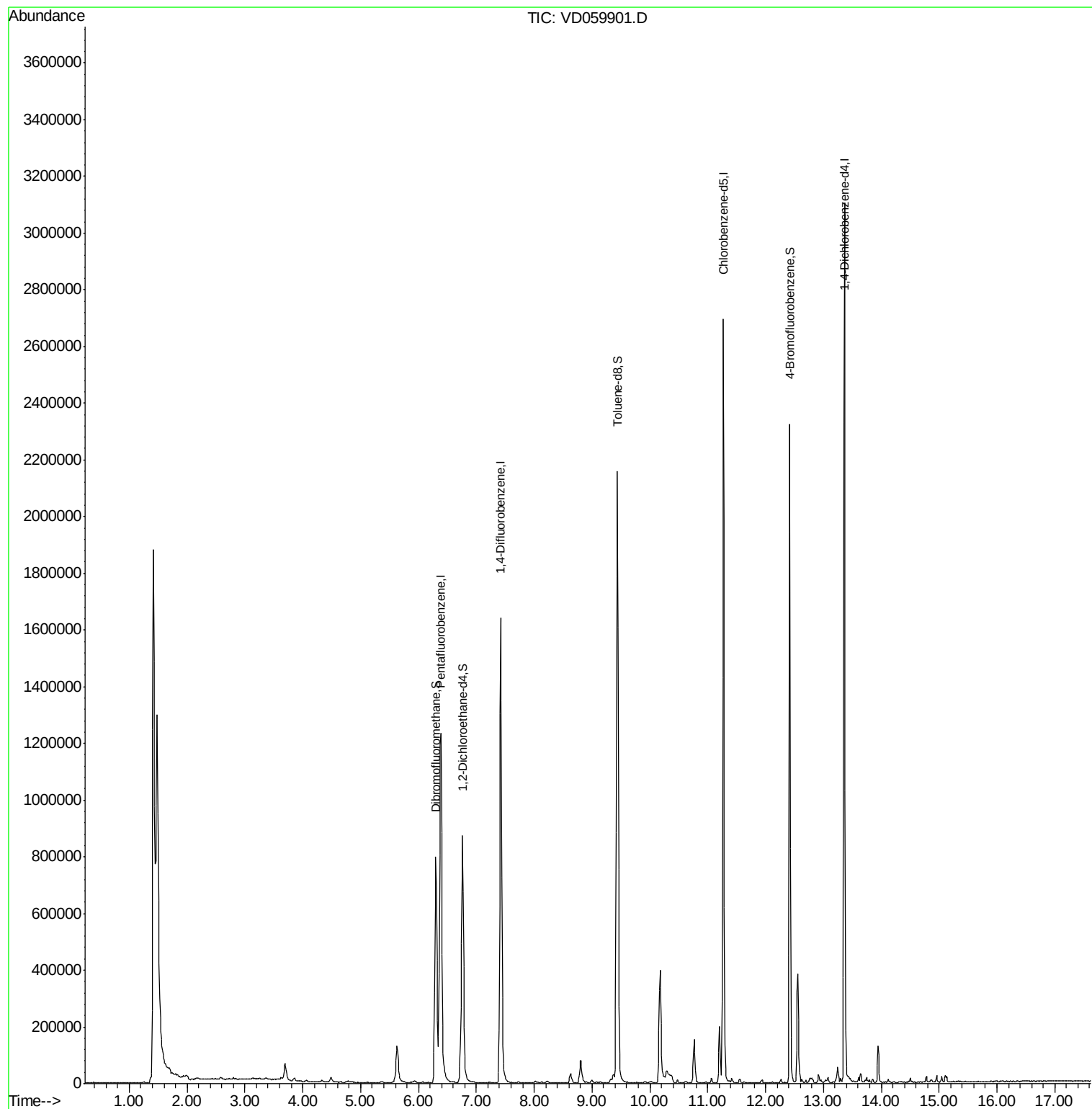
Target Compounds	Qvalue

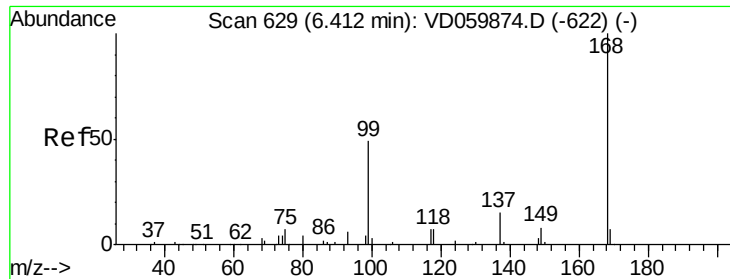
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD059901.D

Acq: 24 Aug 2018 12:24

Instrument :

MSVOA_D

ClientSampleId :

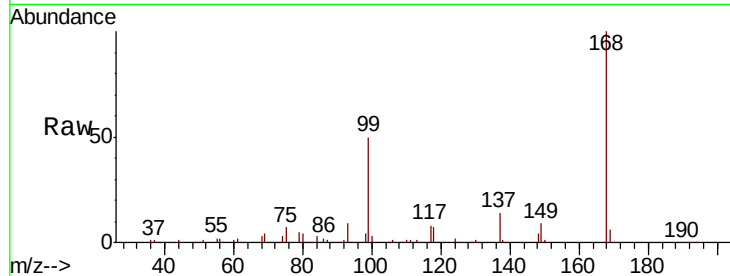
VD0824SBL01

Tot Ion:168 Resp: 1187661

Ion Ratio Lower Upper

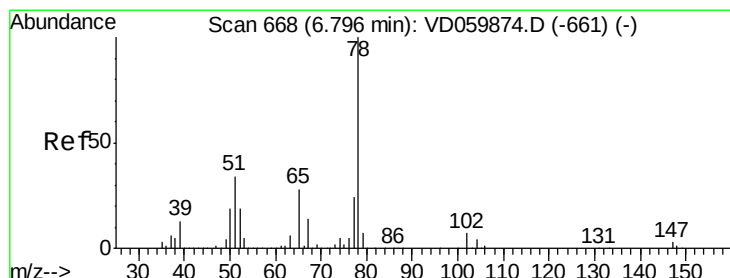
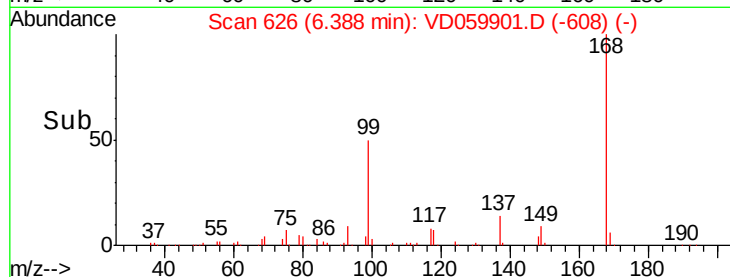
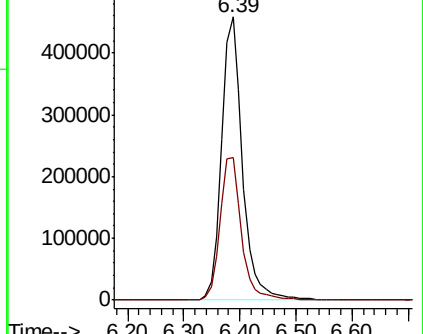
168 100

99 50.2 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: Below ug/l

RT: 6.76 min Scan# 664

Delta R.T. -0.03 min

Lab File: VD059901.D

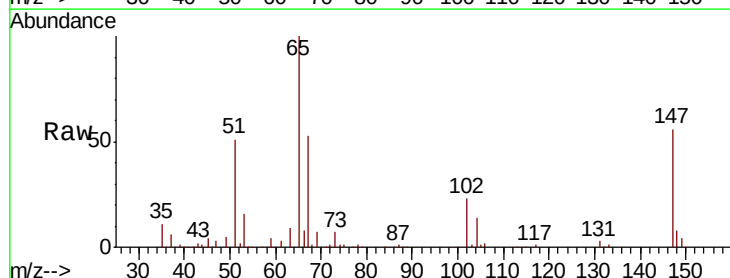
Acq: 24 Aug 2018 12:24

Tgt Ion: 65 Resp: 515499

Ion Ratio Lower Upper

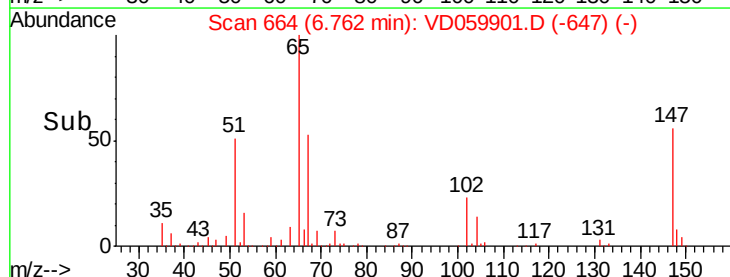
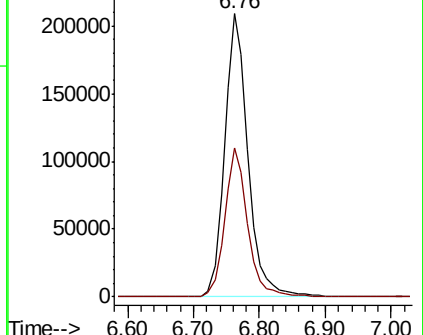
65 100

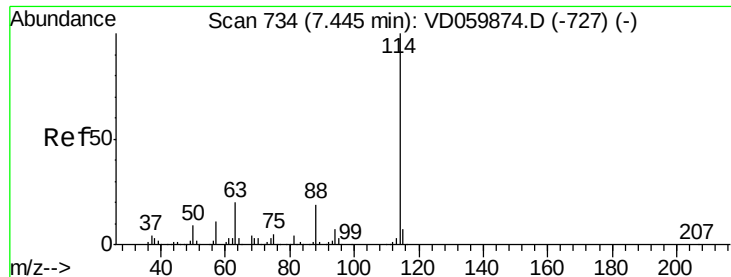
67 52.7 0.0 103.8



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: 7.42 min Scan# 731

Delta R.T. -0.02 min

Lab File: VD059901.D

Acq: 24 Aug 2018 12:24

Instrument :

MSVOA_D

ClientSampleId :

VD0824SBL01

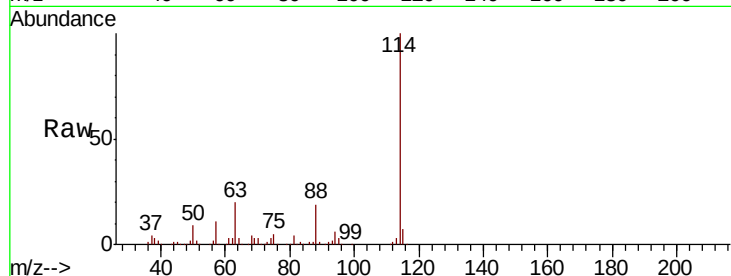
Tot Ion:114 Resp: 1614273

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.4

88 19.2 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

800000

600000

400000

200000

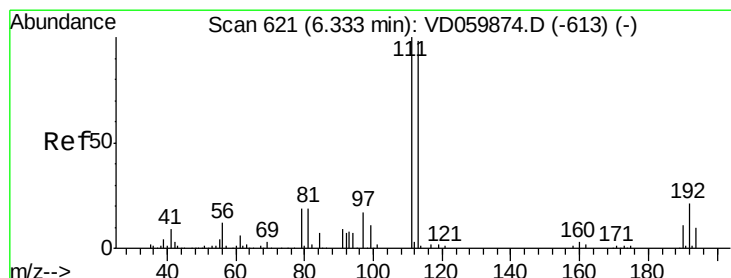
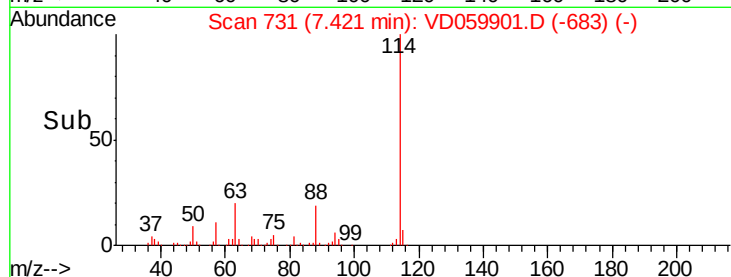
0

7.42

7.40

7.60

Time-->



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.03 min

Lab File: VD059901.D

Acq: 24 Aug 2018 12:24

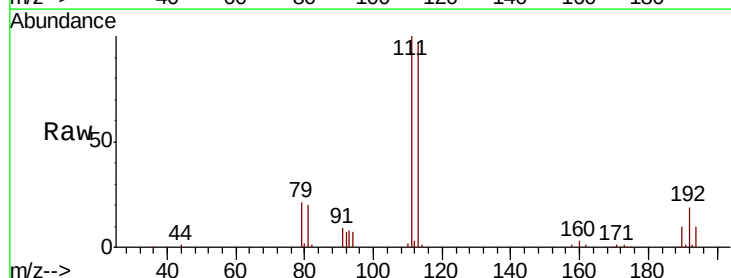
Tgt Ion:113 Resp: 617884

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.2

192 19.5 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

300000

250000

200000

150000

100000

50000

0

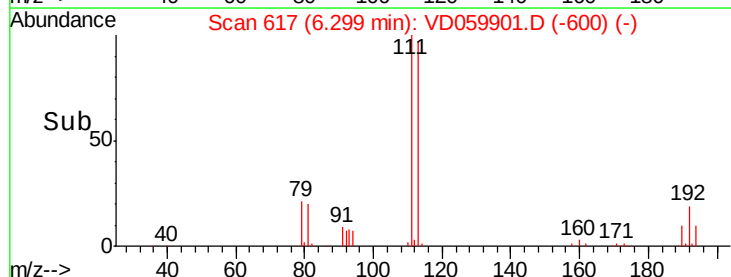
6.30

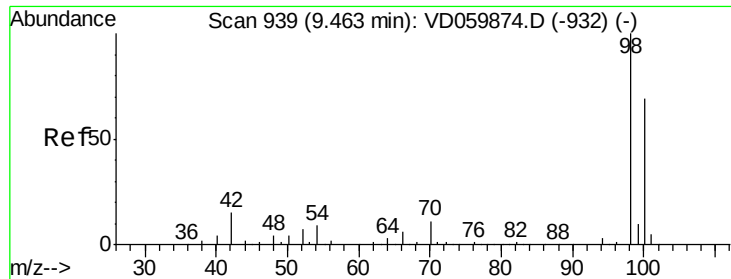
6.20

6.40

6.50

Time-->

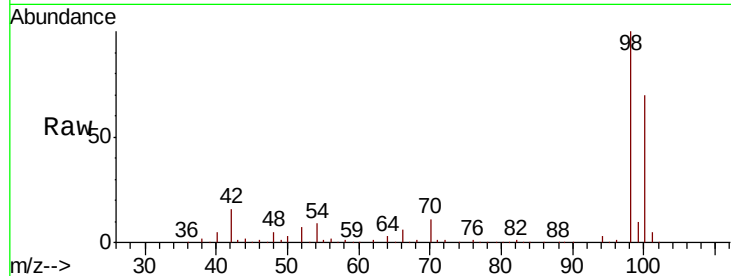




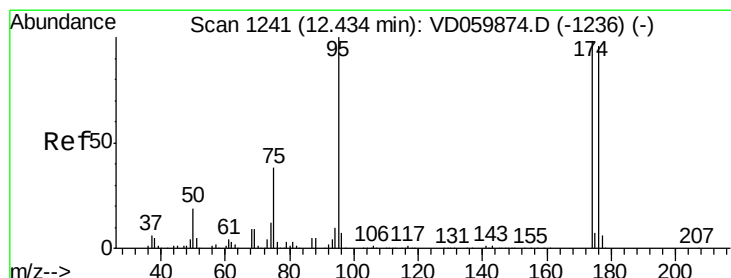
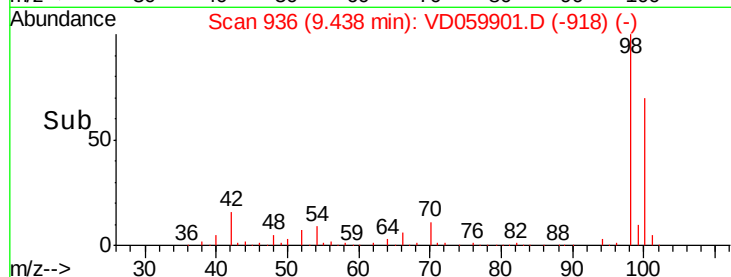
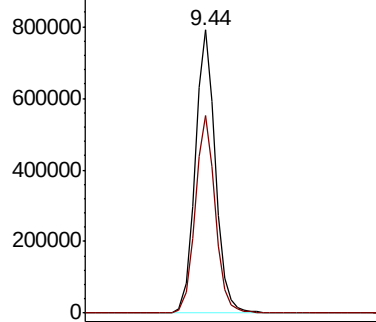
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.02 min
Lab File: VD059901.D
Acq: 24 Aug 2018 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

Tot Ion: 98 Resp: 1692841
Ion Ratio Lower Upper
98 100
100 69.8 55.8 83.6

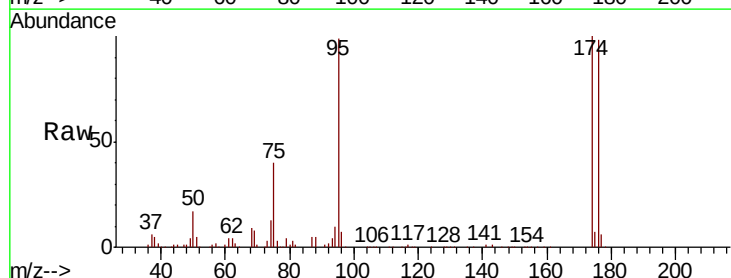


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

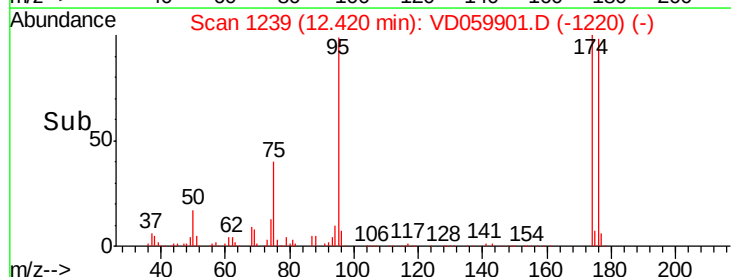
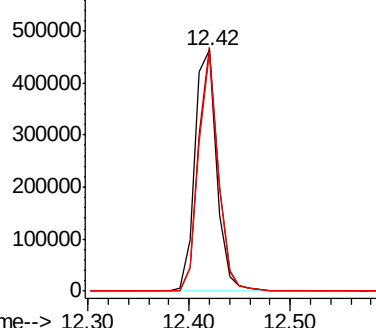


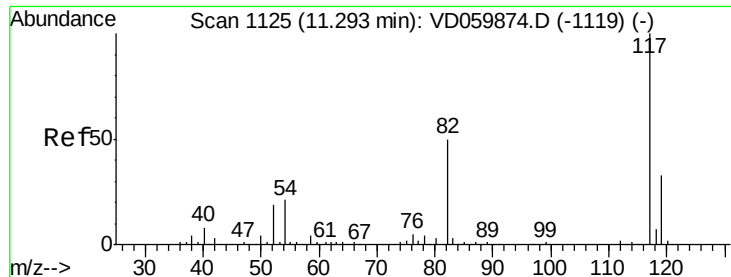
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VD059901.D
Acq: 24 Aug 2018 12:24

Tgt Ion: 95 Resp: 699003
Ion Ratio Lower Upper
95 100
174 101.2 0.0 195.6
176 98.9 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

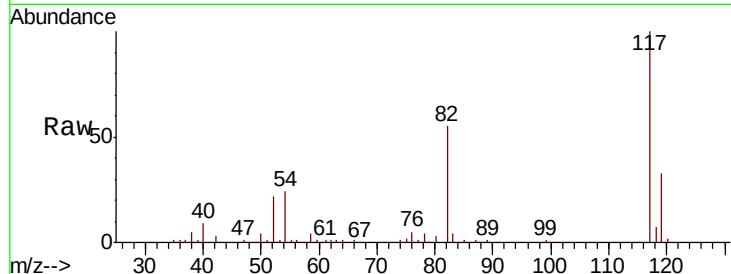




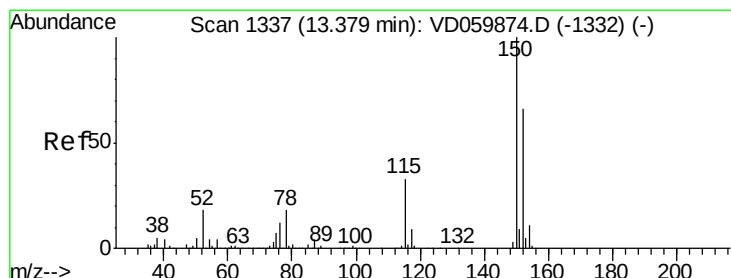
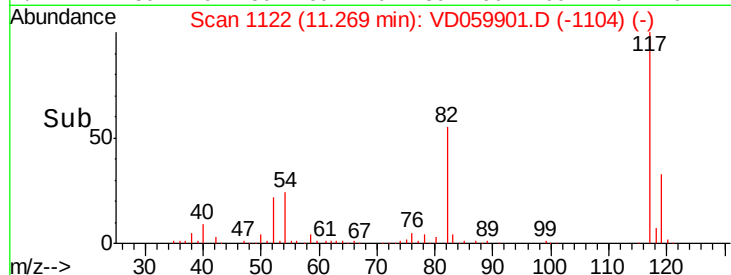
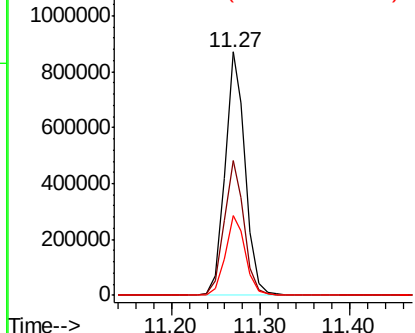
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VD059901.D
Acq: 24 Aug 2018 12:24

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBL01

Tot Ion:117 Resp: 1382884
Ion Ratio Lower Upper
117 100
82 55.4 40.1 60.1
119 32.8 26.7 40.1

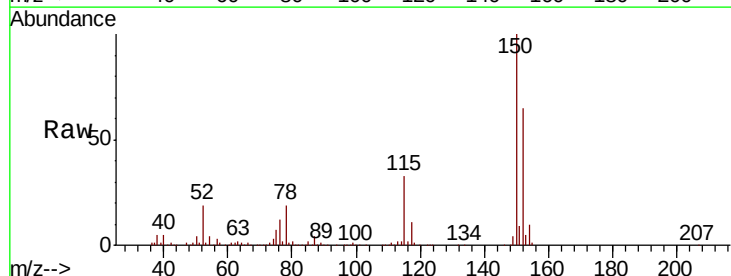


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059901.D
Acq: 24 Aug 2018 12:24

Tgt Ion:152 Resp: 701970
Ion Ratio Lower Upper
152 100
115 51.3 25.7 77.0
150 154.2 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

