

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD083118\
 Data File : VD059939.D
 Acq On : 31 Aug 2018 16:49
 Operator : JC/SY
 Sample : J4282-19RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-082918-CRE

Quant Time: Sep 01 03:43:28 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	6.38	168	1231191	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1701460	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1344259	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	628470	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	371623	35.81	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	71.62%	
35) Dibromofluoromethane	6.30	113	443511	33.25	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	66.50%	
50) Toluene-d8	9.44	98	1095731	29.60	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	59.20%	
62) 4-Bromofluorobenzene	12.41	95	423297	28.15	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	56.30%	

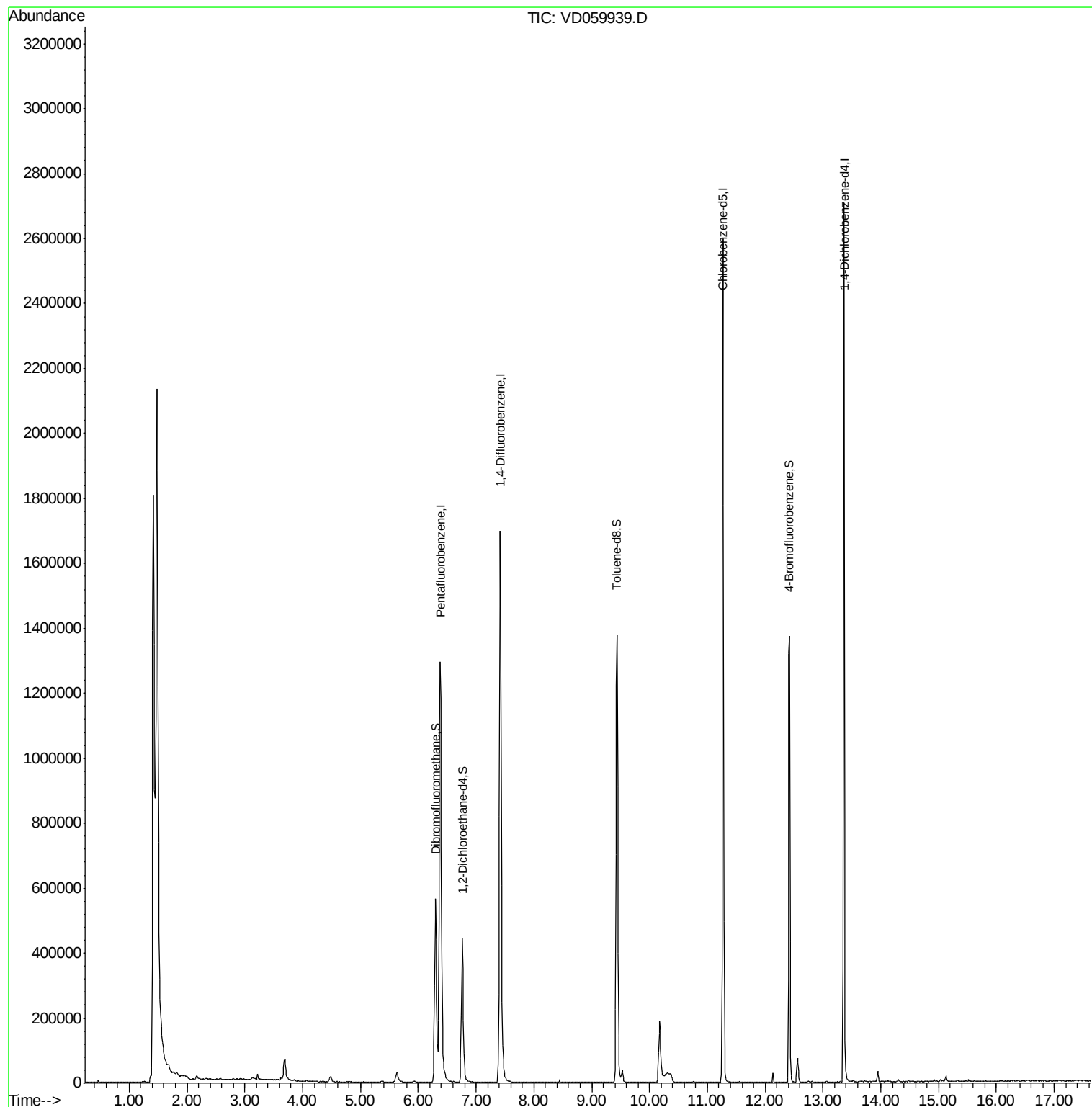
Target Compounds	Qvalue
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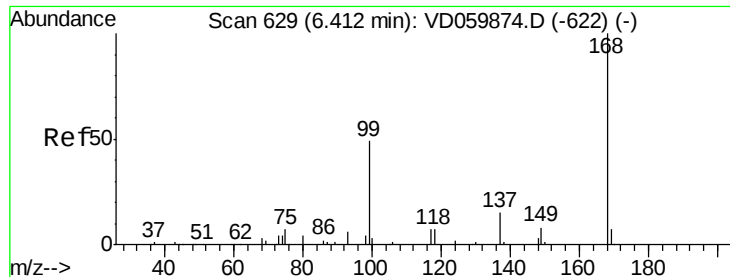
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 625

Delta R.T. -0.03 min

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ClientSampleId :

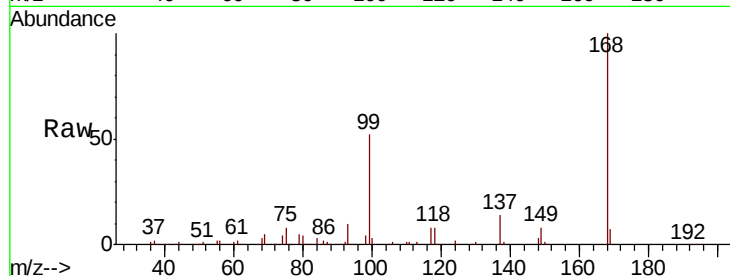
SU-01-082918-CRE

Tot Ion:168 Resp: 1231191

Ion Ratio Lower Upper

168 100

99 52.0 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

500000

400000

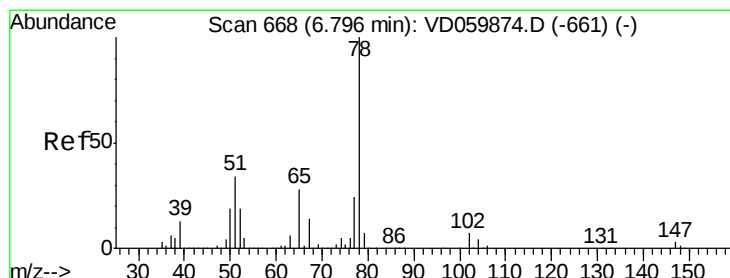
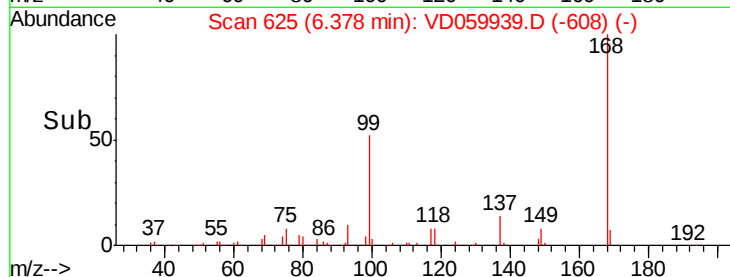
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 664

Delta R.T. -0.03 min

Lab File: VD059939.D

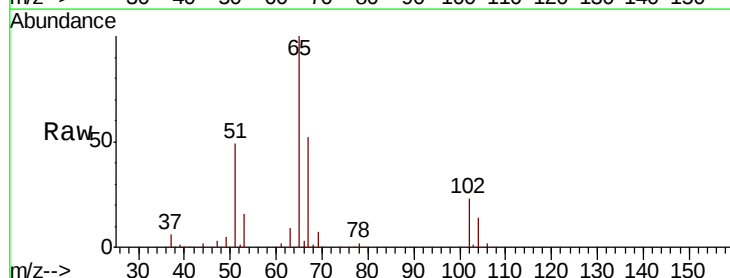
Acq: 31 Aug 2018 16:49

Tgt Ion: 65 Resp: 371623

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.76

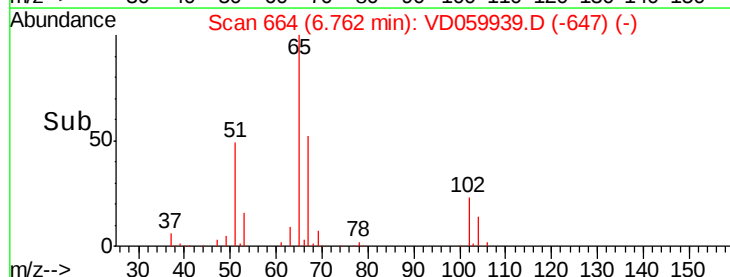
150000

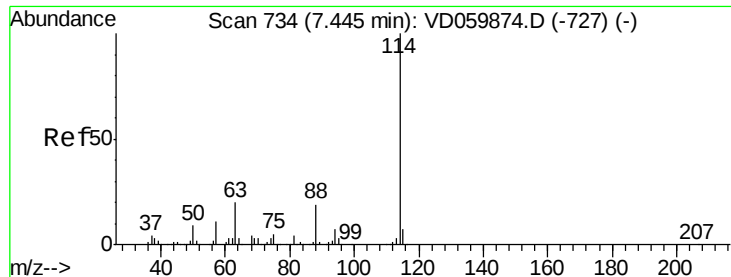
100000

50000

0

Time--> 6.60 6.70 6.80 6.90

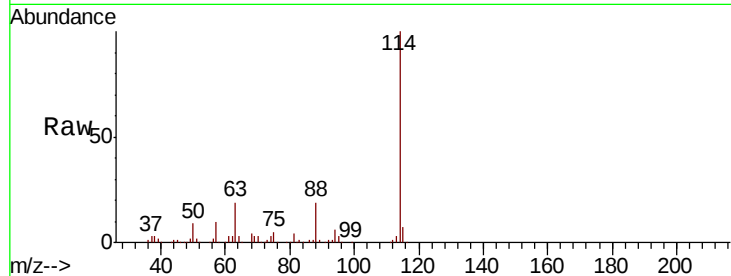




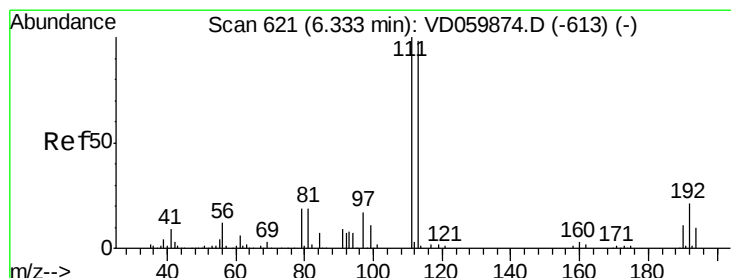
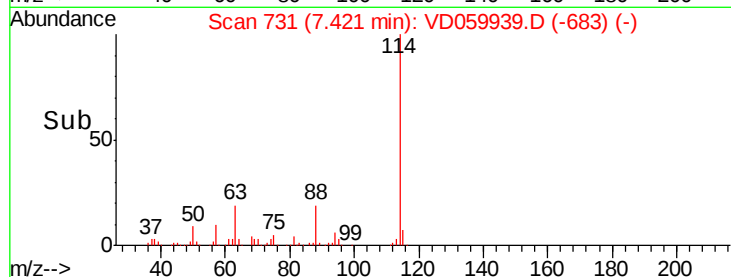
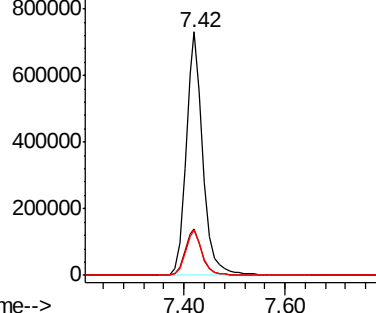
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 731
 Delta R.T. -0.02 min
 Lab File: VD059939.D
 Acq: 31 Aug 2018 16:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-082918-CRE

Tot Ion:114 Resp: 1701460
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.4
 88 18.7 0.0 37.6

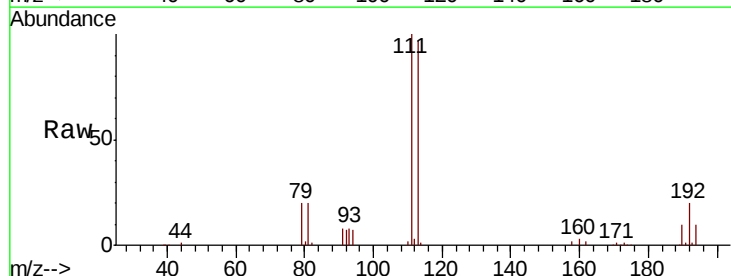


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

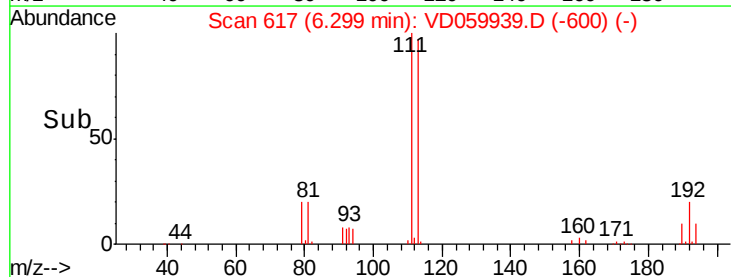
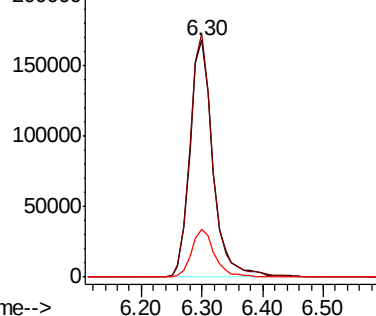


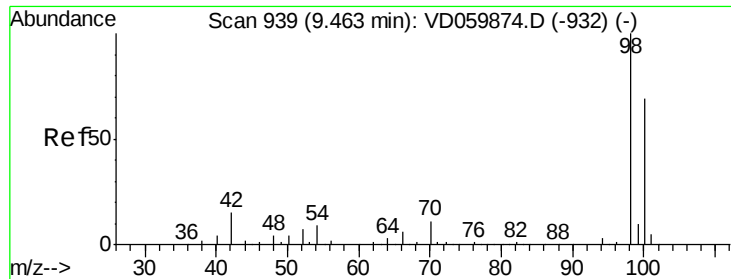
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.30 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: VD059939.D
 Acq: 31 Aug 2018 16:49

Tgt Ion:113 Resp: 443511
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.4 122.2
 192 20.2 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

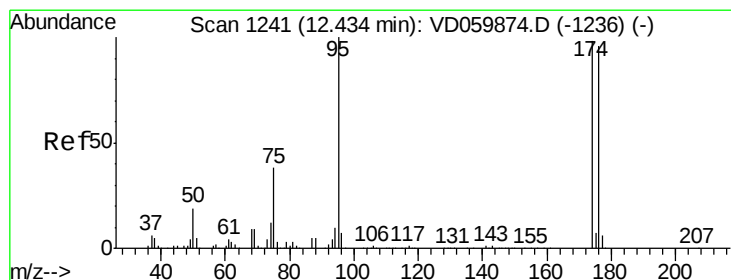
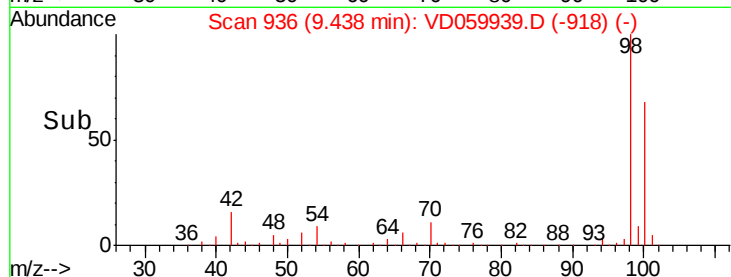
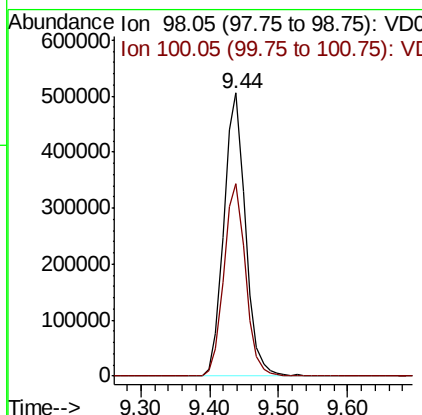
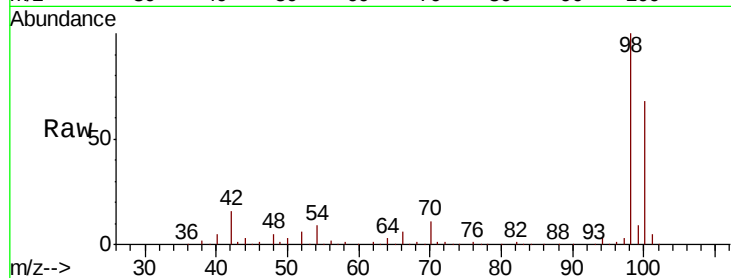




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.02 min
Lab File: VD059939.D
Acq: 31 Aug 2018 16:49

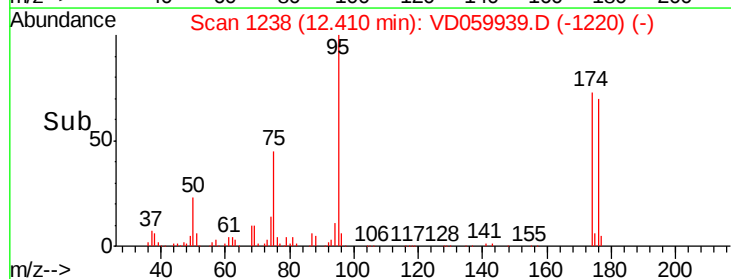
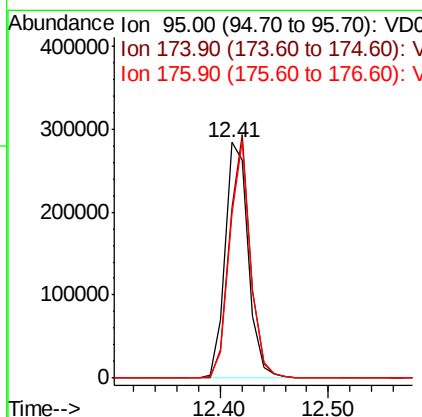
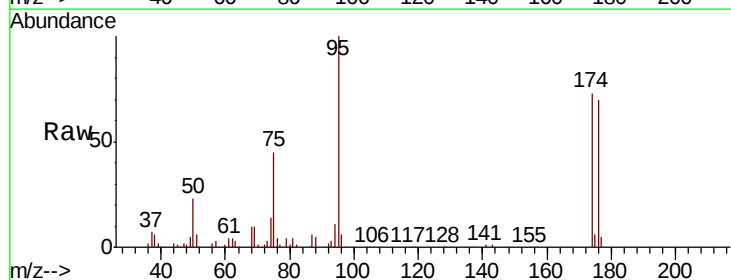
Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-CRE

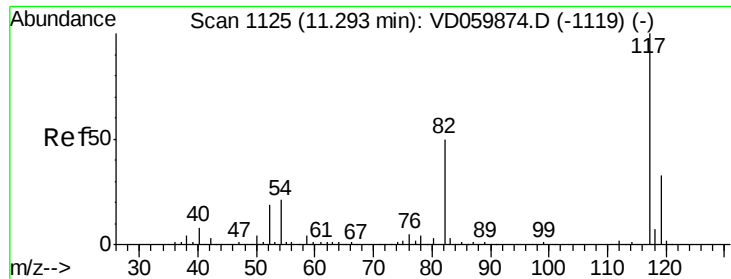
Tot Ion: 98 Resp: 1095731
Ion Ratio Lower Upper
98 100
100 68.1 55.8 83.6



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.41 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VD059939.D
Acq: 31 Aug 2018 16:49

Tgt Ion: 95 Resp: 423297
Ion Ratio Lower Upper
95 100
174 72.5 0.0 195.6
176 69.7 0.0 191.2

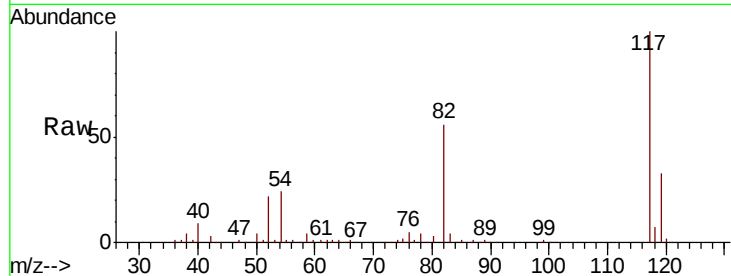




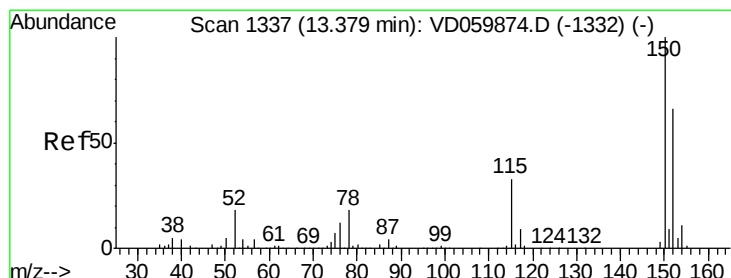
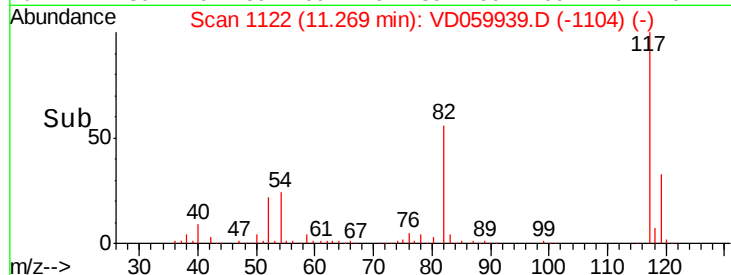
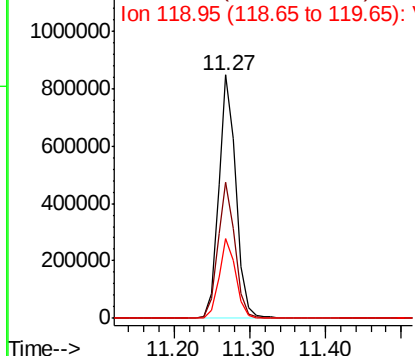
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VD059939.D
Acq: 31 Aug 2018 16:49

Instrument :
MSVOA_D
ClientSampleId :
SU-01-082918-CRE

Tot Ion:117 Resp: 1344259
Ion Ratio Lower Upper
117 100
82 55.8 40.1 60.1
119 32.5 26.7 40.1

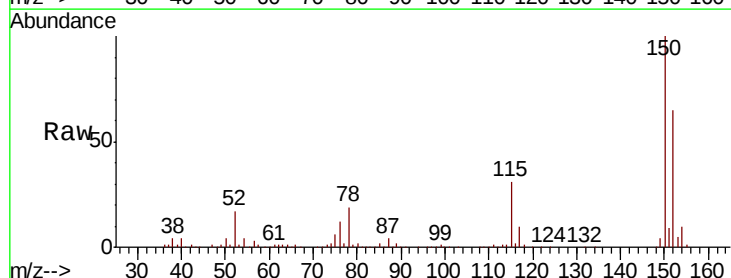


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059939.D
Acq: 31 Aug 2018 16:49

Tgt Ion:152 Resp: 628470
Ion Ratio Lower Upper
152 100
115 48.4 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

