

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059947.D
 Acq On : 4 Sep 2018 16:29
 Operator : JC/SY
 Sample : J4724-01
 Misc : 5.58g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-BOILER

Quant Time: Sep 05 04:21:00 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

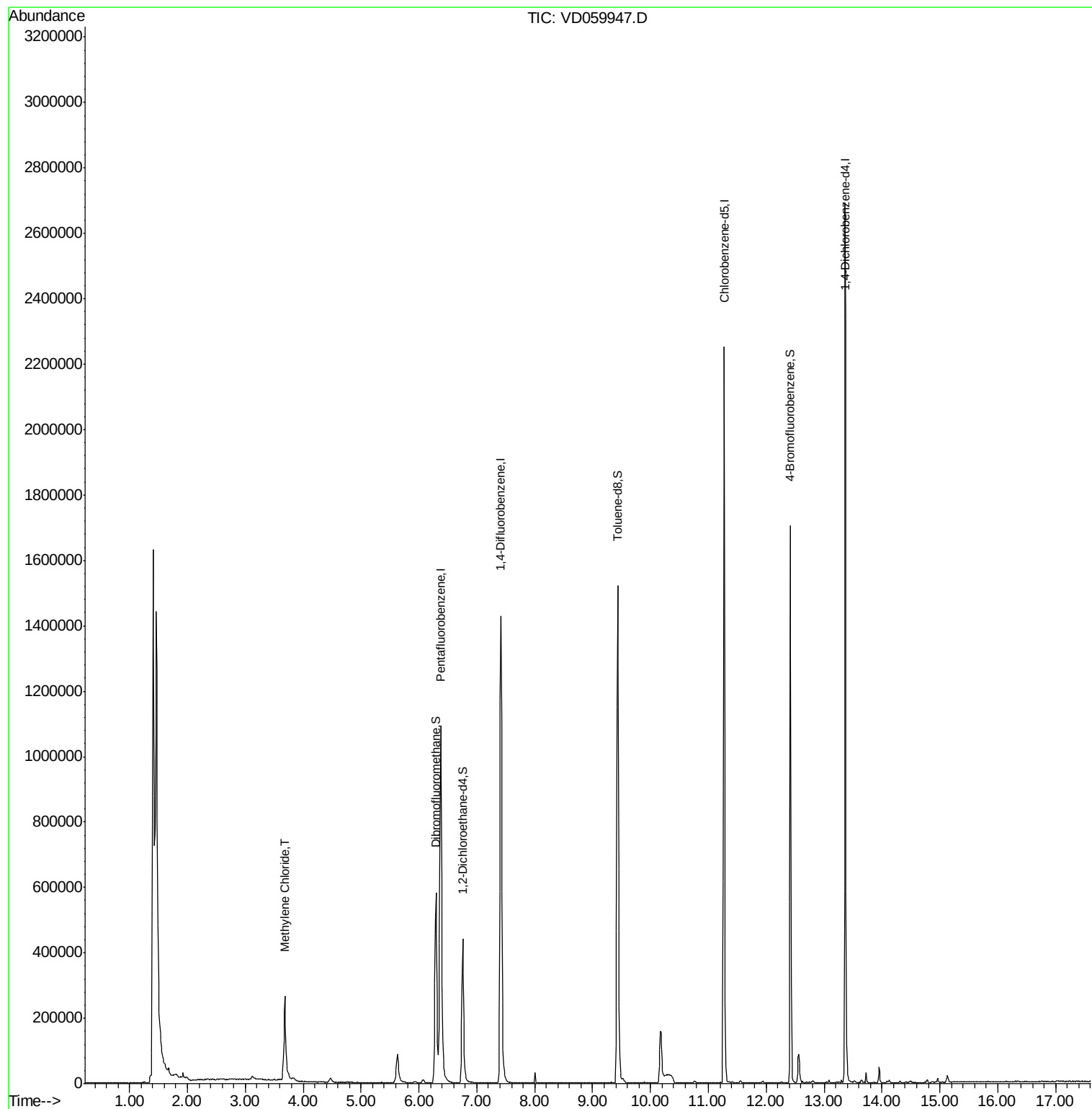
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	1055946	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1433757	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1204539	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	661900	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	341867	38.41	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	76.82%	
35) Dibromofluoromethane	6.29	113	446808	39.75	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	79.50%	
50) Toluene-d8	9.43	98	1205454	38.64	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	77.28%	
62) 4-Bromofluorobenzene	12.42	95	479367	37.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.66%	
Target Compounds						
20) Methylene Chloride	3.69	84	134429	9.40	ug/l	Qvalue 97

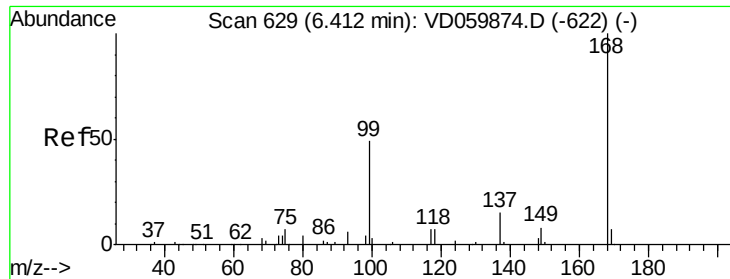
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 03:03:08 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.37 min Scan# 625

Delta R.T. -0.04 min

Lab File: VD059947.D

Acq: 4 Sep 2018 16:29

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ClientSampleId :

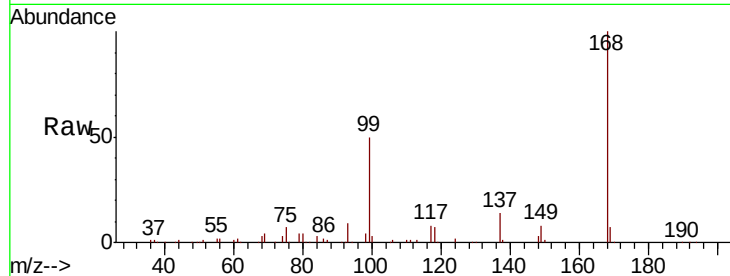
EP1-SUT-BOILER

Tot Ion:168 Resp: 1055946

Ion Ratio Lower Upper

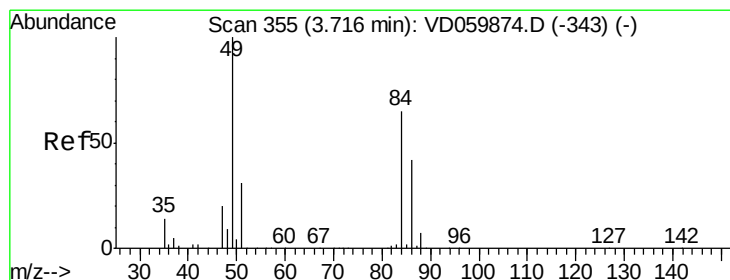
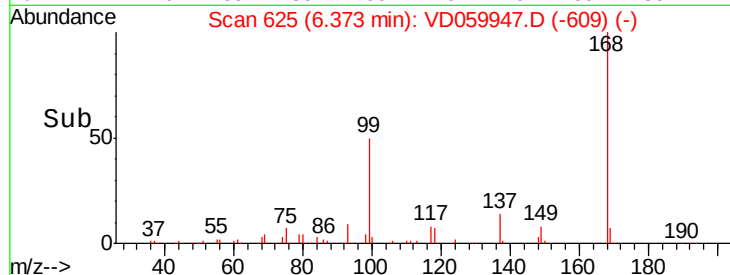
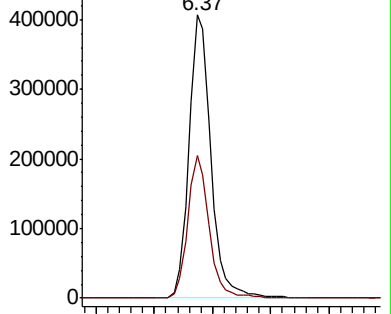
168 100

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



#20

Methylene Chloride

Concen: 9.40 ug/l

RT: 3.69 min Scan# 352

Delta R.T. -0.03 min

Lab File: VD059947.D

Acq: 4 Sep 2018 16:29

Tgt Ion: 84 Resp: 134429

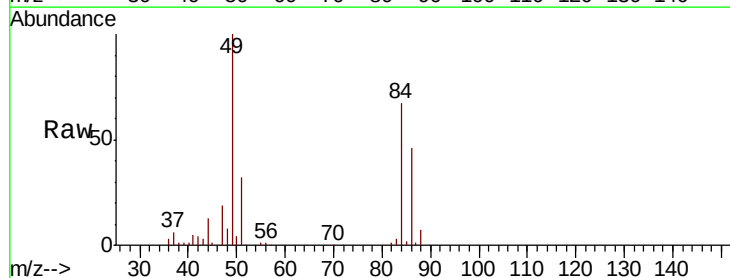
Ion Ratio Lower Upper

84 100

49 150.0 122.6 183.8

51 48.2 38.4 57.6

86 69.1 51.5 77.3

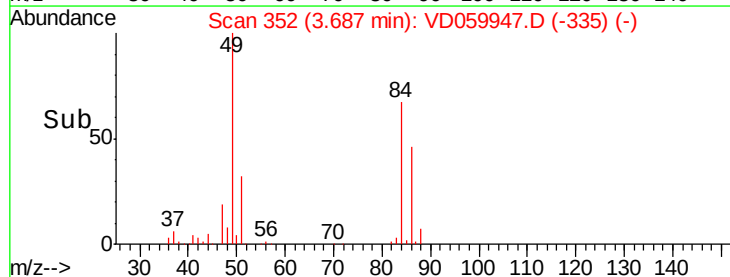
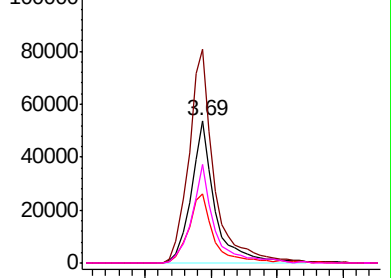


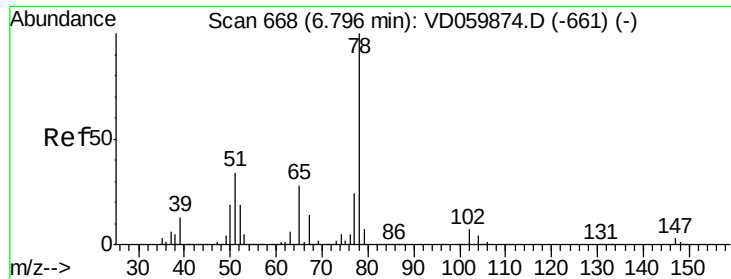
Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

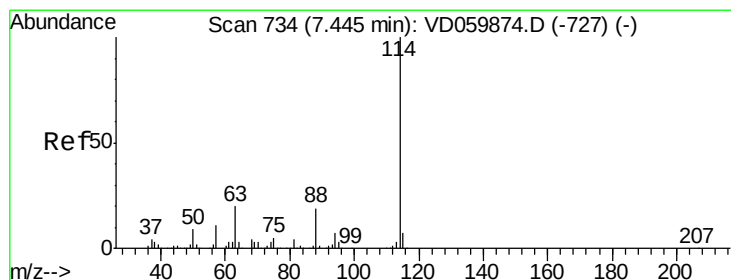
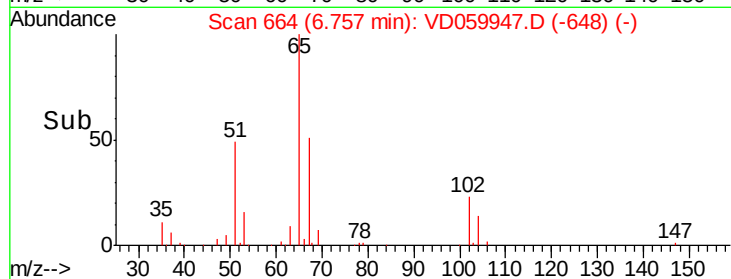
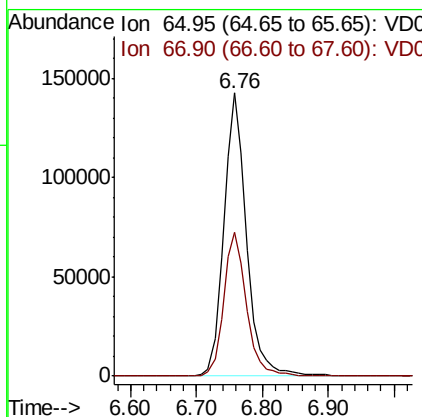
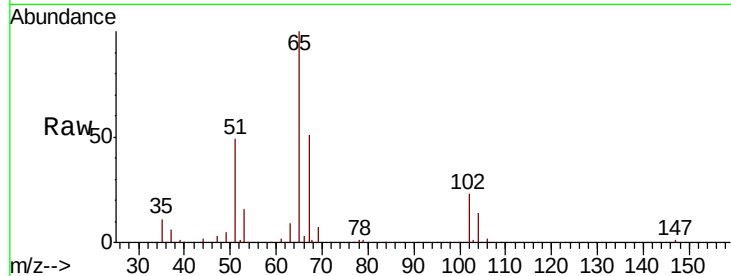




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: VD059947.D
 Acq: 4 Sep 2018 16:29

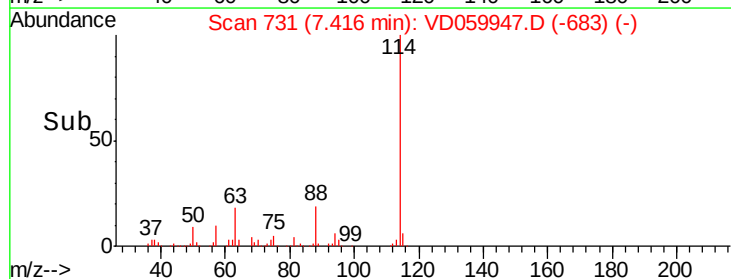
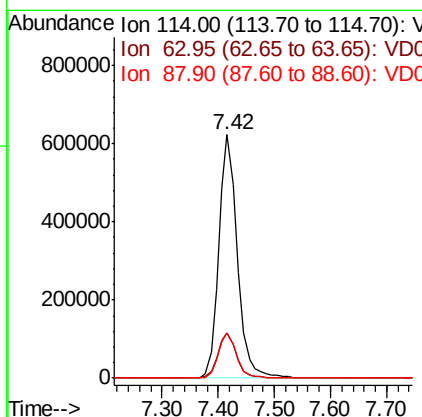
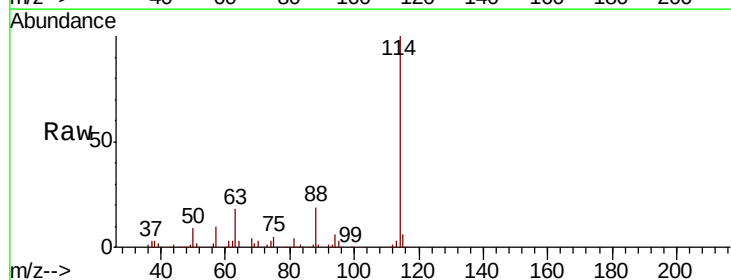
Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-BOILER

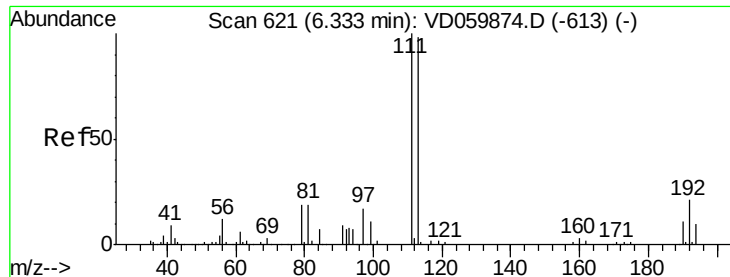
Tot Ion: 65 Resp: 341867
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: VD059947.D
 Acq: 4 Sep 2018 16:29

Tgt Ion: 114 Resp: 1433757
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.4
 88 18.7 0.0 37.6

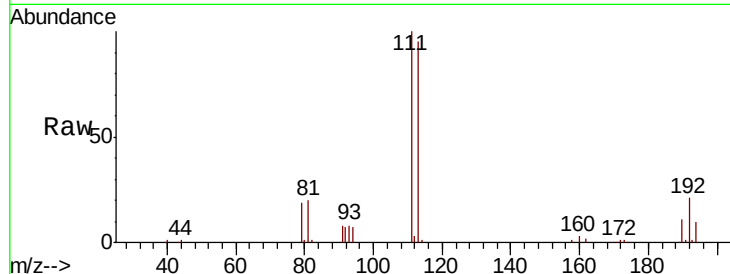




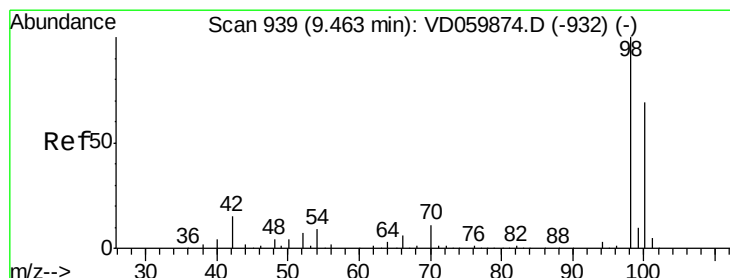
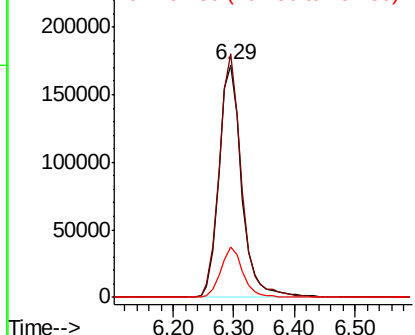
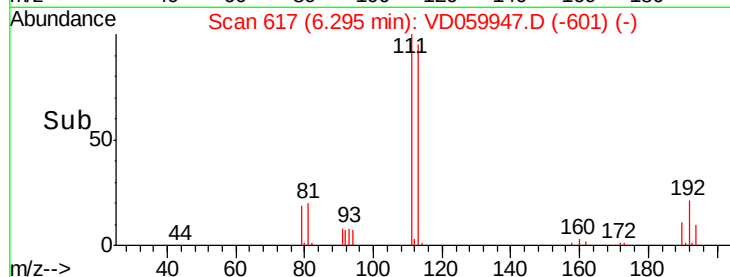
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 617
 Delta R.T. -0.04 min
 Lab File: VD059947.D
 Acq: 4 Sep 2018 16:29

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-BOILER

Tot Ion:113 Resp: 446808
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.4 122.2
 192 21.8 17.0 25.6

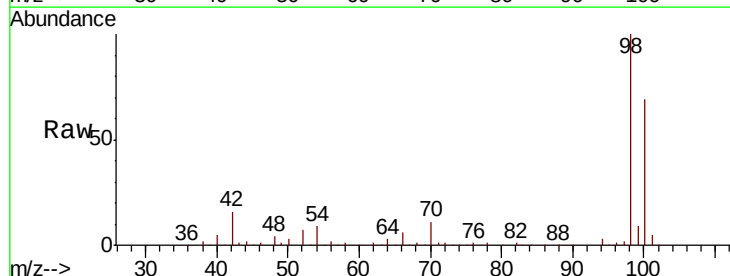


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

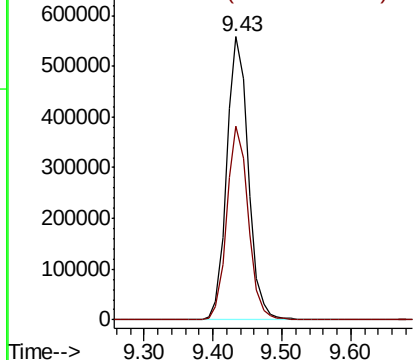
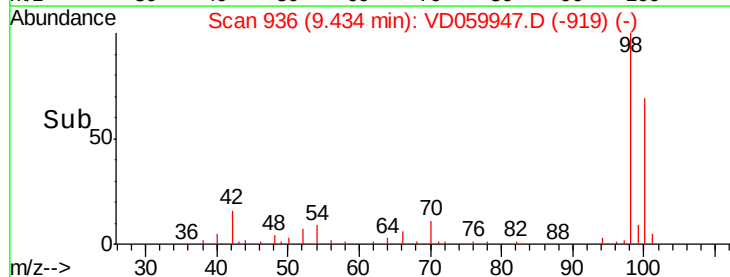


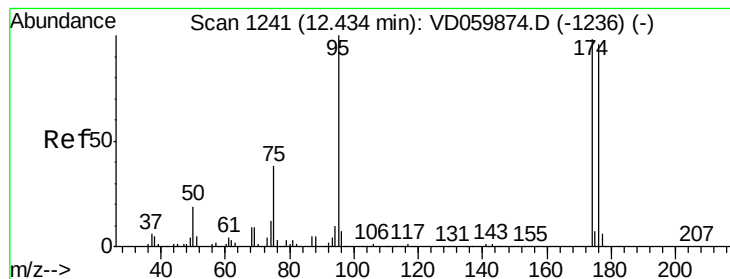
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.43 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: VD059947.D
 Acq: 4 Sep 2018 16:29

Tgt Ion: 98 Resp: 1205454
 Ion Ratio Lower Upper
 98 100
 100 68.5 55.8 83.6



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059947.D

Acq: 4 Sep 2018 16:29

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-BOILER

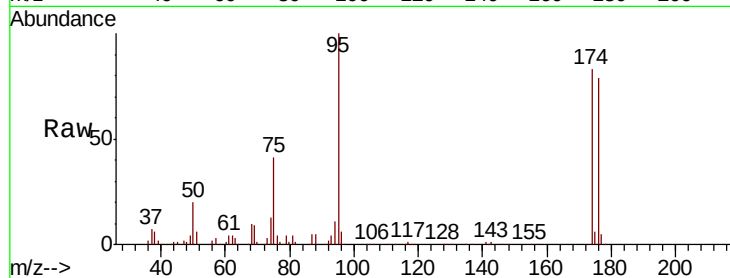
Tot Ion: 95 Resp: 479367

Ion Ratio Lower Upper

95 100

174 83.0 0.0 195.6

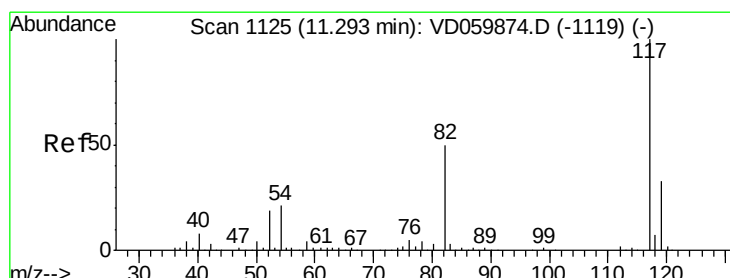
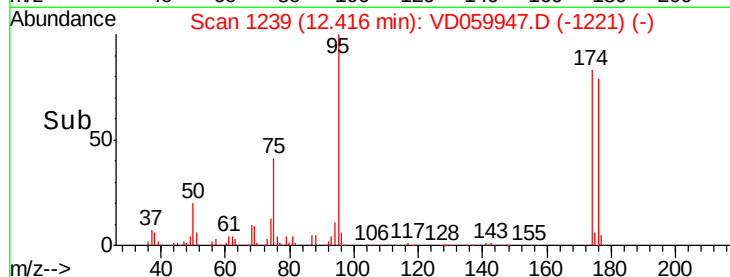
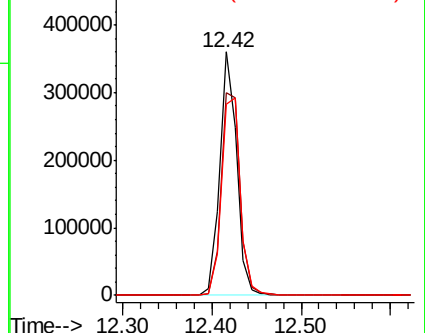
176 78.7 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): V

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# 1123

Delta R.T. -0.02 min

Lab File: VD059947.D

Acq: 4 Sep 2018 16:29

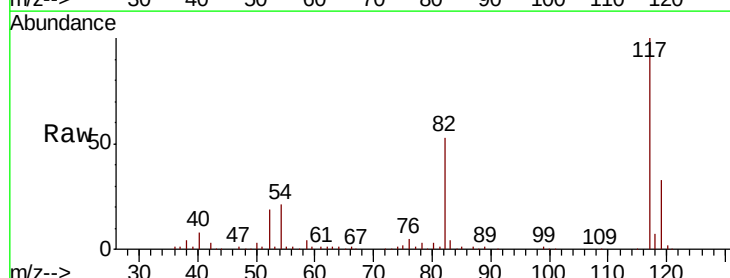
Tgt Ion: 117 Resp: 1204539

Ion Ratio Lower Upper

117 100

82 52.7 40.1 60.1

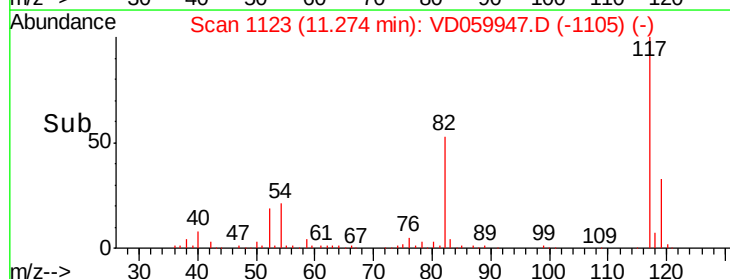
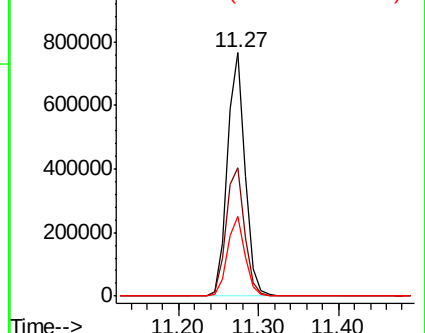
119 32.9 26.7 40.1

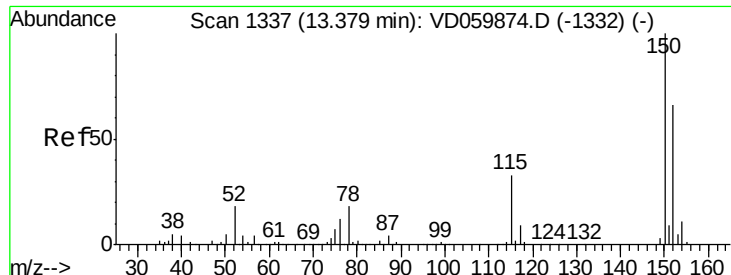


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1336

Delta R.T. -0.01 min

Lab File: VD059947.D

Acq: 4 Sep 2018 16:29

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-BOILER

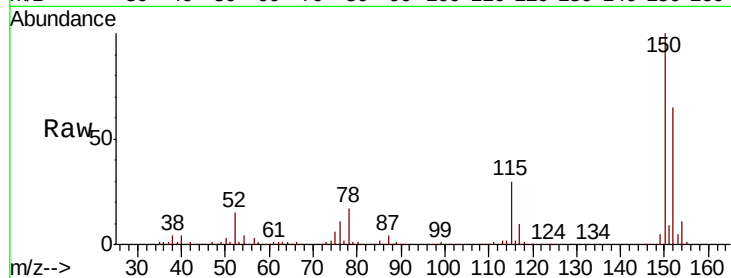
Tot Ion:152 Resp: 661900

Ion Ratio Lower Upper

152 100

115 46.8 25.7 77.0

150 153.6 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

