

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059948.D
 Acq On : 4 Sep 2018 16:57
 Operator : JC/SY
 Sample : J4724-02
 Misc : 5.56g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-01

Quant Time: Sep 05 04:42:30 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

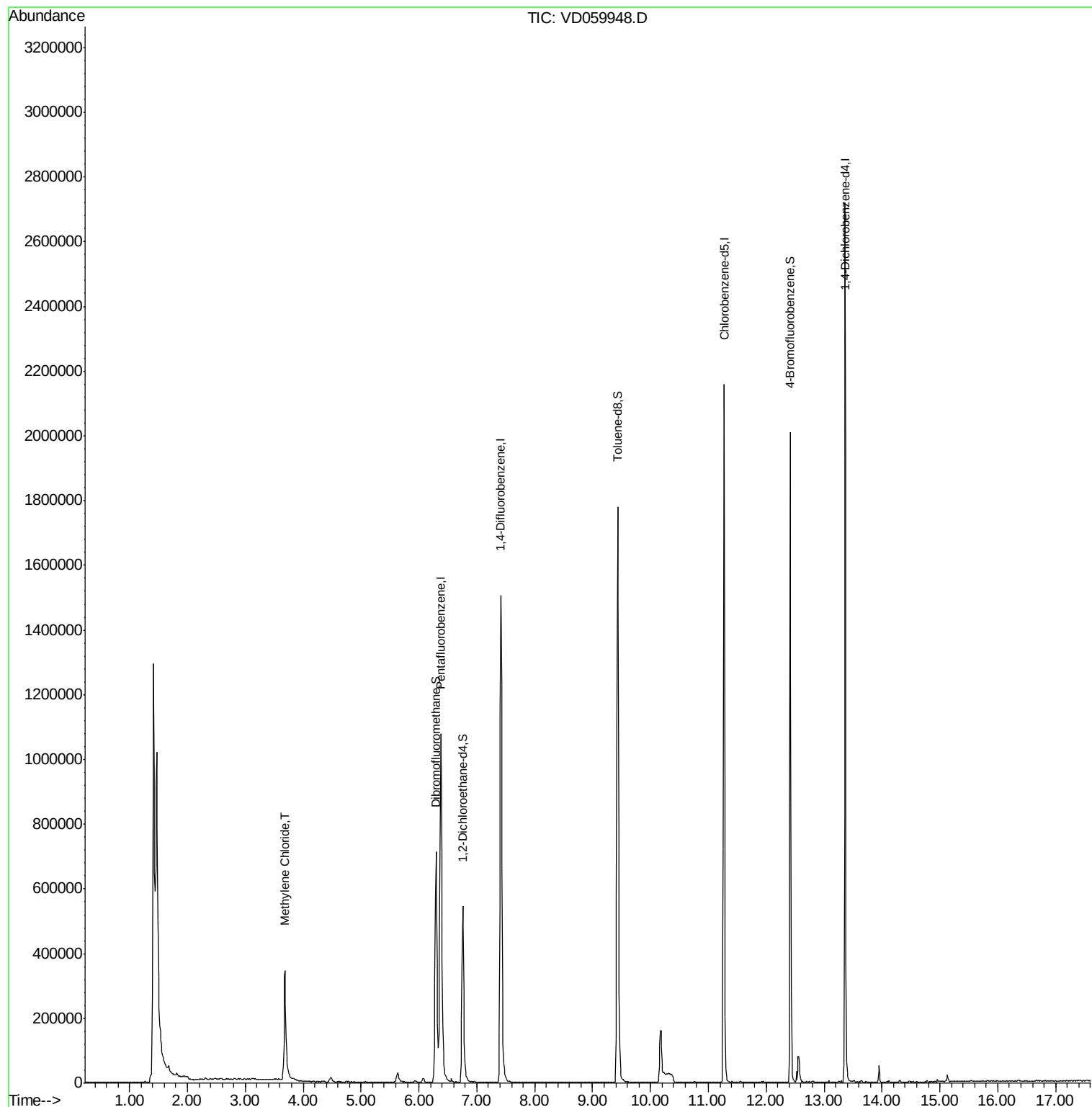
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	1076776	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1496959	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1207722	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	616742	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	434720	47.90	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	95.80%	
35) Dibromofluoromethane	6.29	113	549051	46.78	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	93.56%	
50) Toluene-d8	9.43	98	1409999	43.29	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	86.58%	
62) 4-Bromofluorobenzene	12.42	95	544115	41.13	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	82.26%	
Target Compounds						
20) Methylene Chloride	3.69	84	179806	13.58	ug/l	Qvalue 95

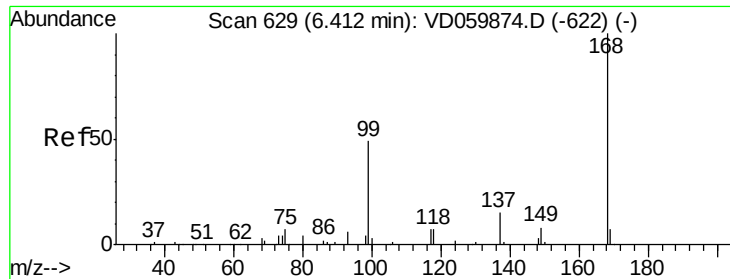
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.38 min Scan# 626

Delta R.T. -0.03 min

Lab File: VD059948.D

Acq: 4 Sep 2018 16:57

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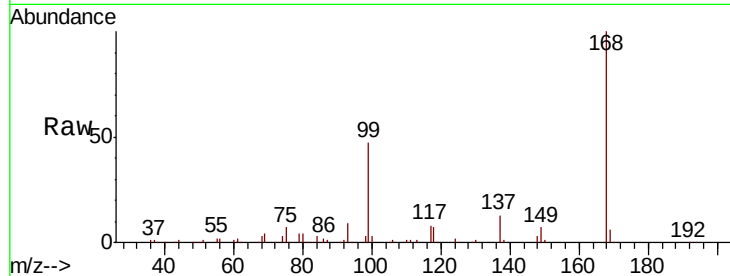
EP1-SUT-UST-01

Tot Ion:168 Resp: 1076776

Ion Ratio Lower Upper

168 100

99 46.7 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

400000

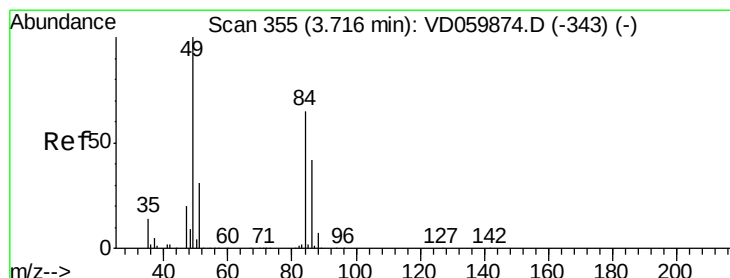
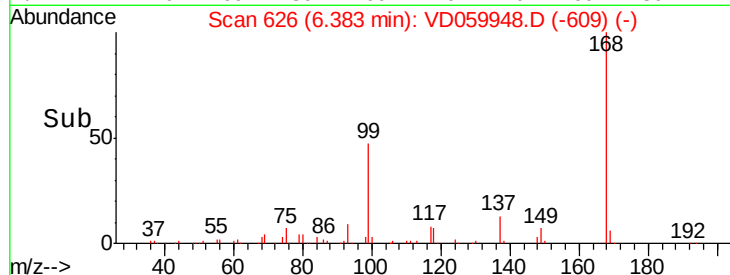
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 13.58 ug/l

RT: 3.69 min Scan# 352

Delta R.T. -0.03 min

Lab File: VD059948.D

Acq: 4 Sep 2018 16:57

Tgt Ion: 84 Resp: 179806

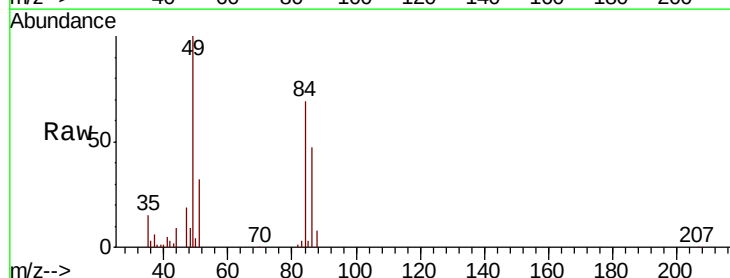
Ion Ratio Lower Upper

84 100

49 145.1 122.6 183.8

51 46.1 38.4 57.6

86 67.6 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

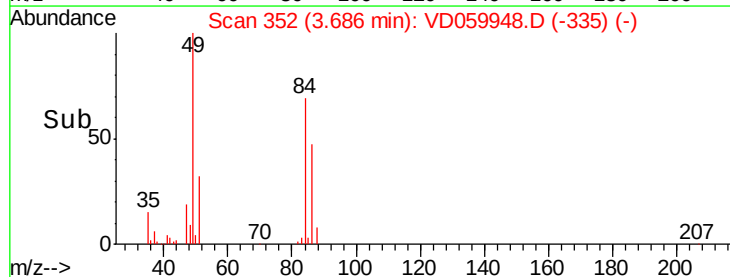
150000

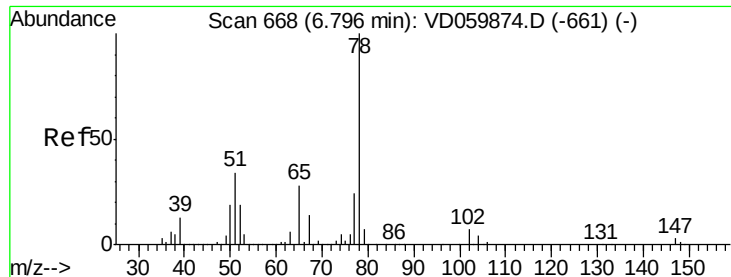
100000

50000

0

Time-->

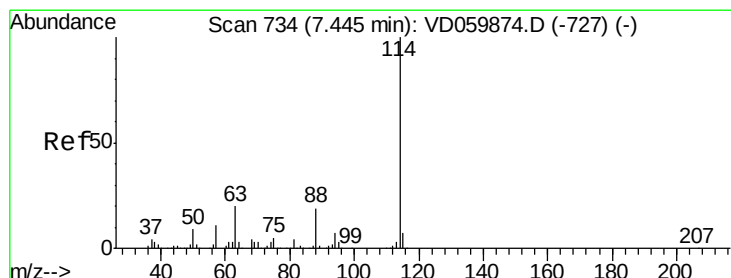
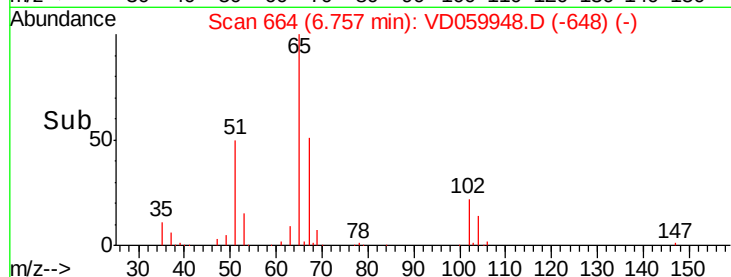
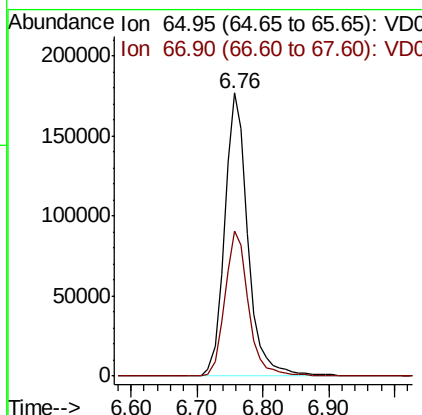
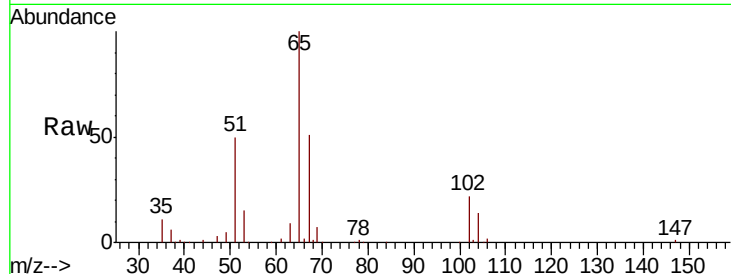




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: VD059948.D
 Acq: 4 Sep 2018 16:57

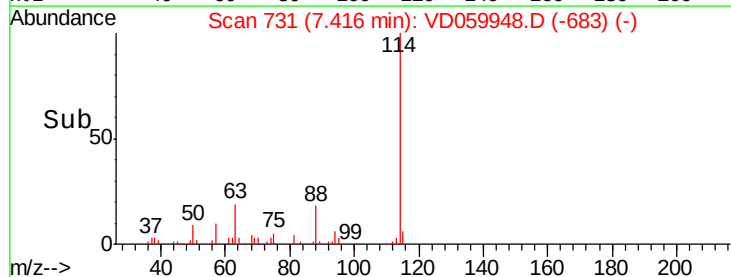
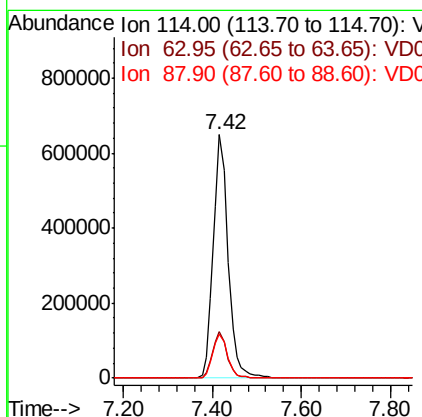
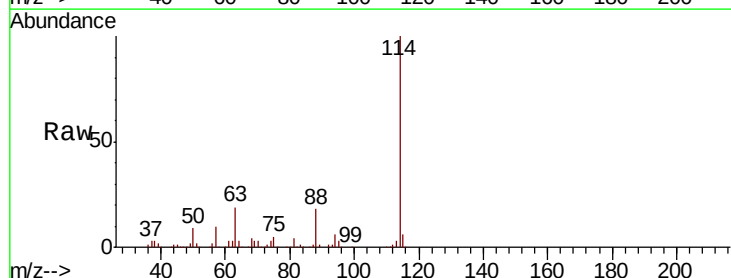
Instrument :
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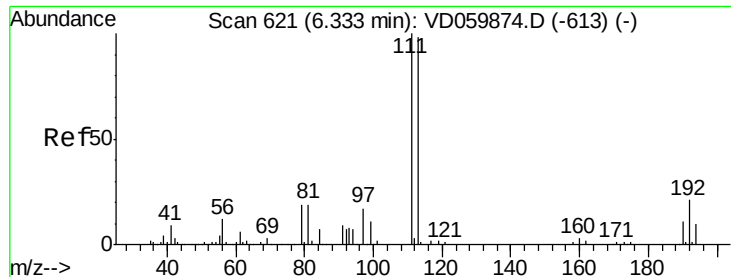
Tot Ion: 65 Resp: 434720
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: VD059948.D
 Acq: 4 Sep 2018 16:57

Tgt Ion: 114 Resp: 1496959
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.4
 88 18.2 0.0 37.6

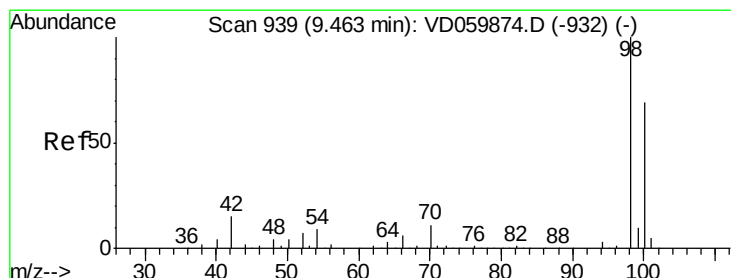
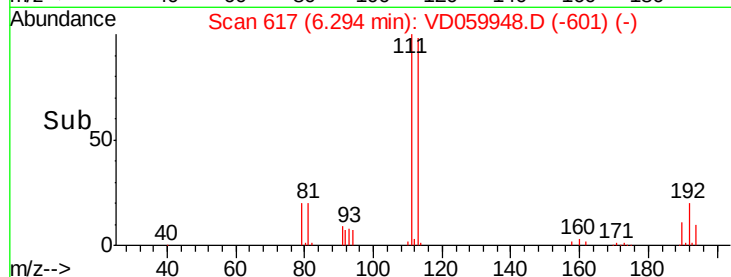
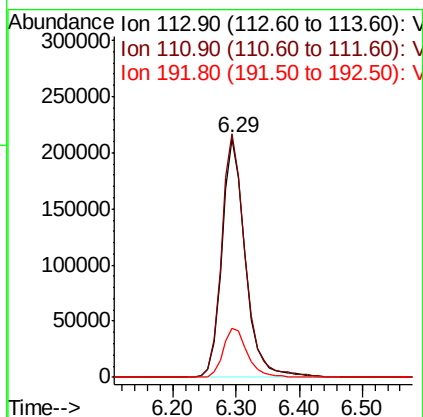
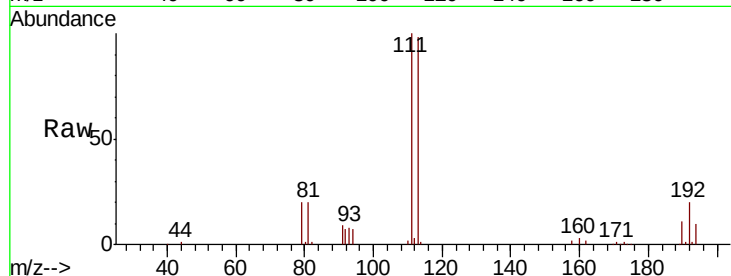




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 617
 Delta R.T. -0.04 min
 Lab File: VD059948.D
 Acq: 4 Sep 2018 16:57

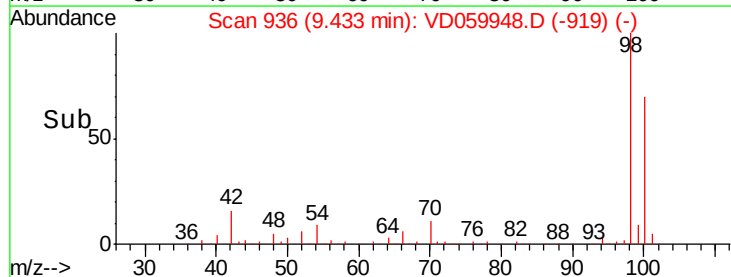
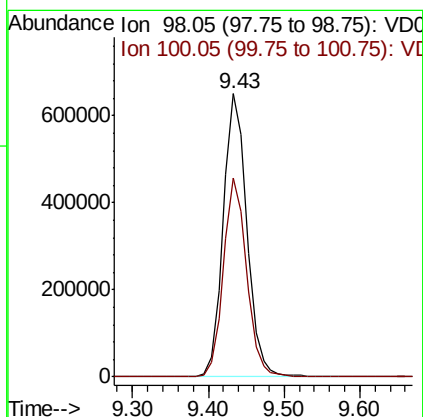
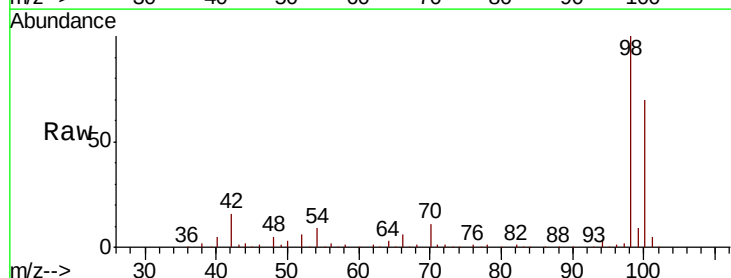
Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-01

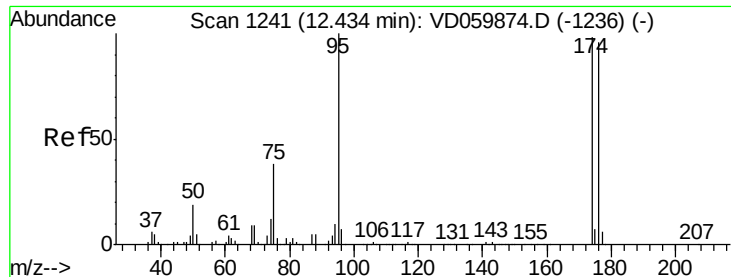
Tot Ion:113 Resp: 549051
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.2
 192 20.5 17.0 25.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.43 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: VD059948.D
 Acq: 4 Sep 2018 16:57

Tgt Ion: 98 Resp: 1409999
 Ion Ratio Lower Upper
 98 100
 100 70.3 55.8 83.6





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059948.D

Acq: 4 Sep 2018 16:57

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-01

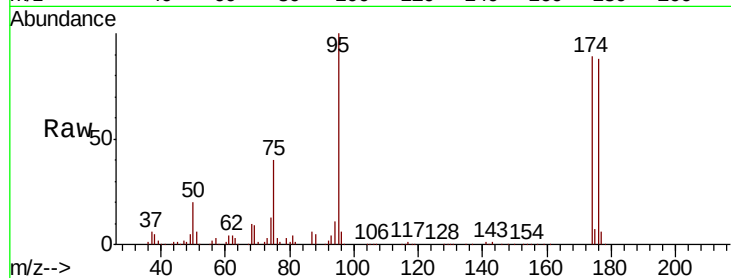
Tot Ion: 95 Resp: 544115

Ion Ratio Lower Upper

95 100

174 89.0 0.0 195.6

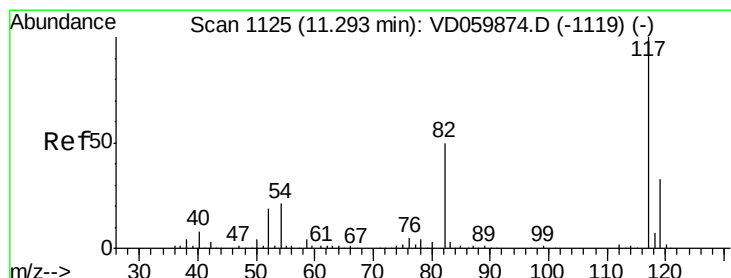
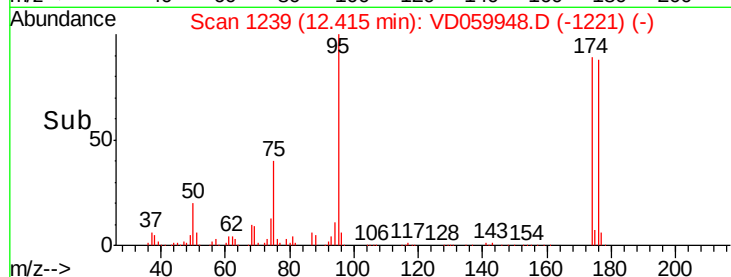
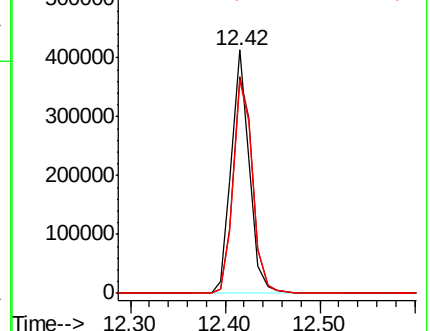
176 87.6 0.0 191.2



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: VD059948.D

Acq: 4 Sep 2018 16:57

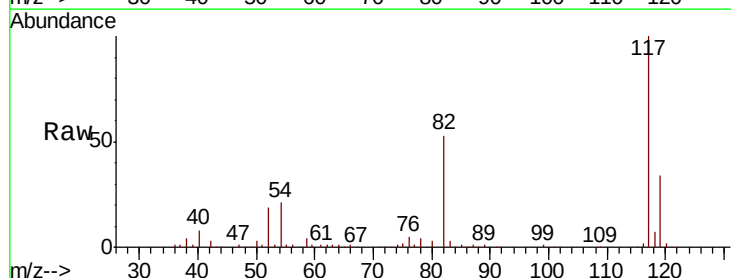
Tgt Ion: 117 Resp: 1207722

Ion Ratio Lower Upper

117 100

82 53.5 40.1 60.1

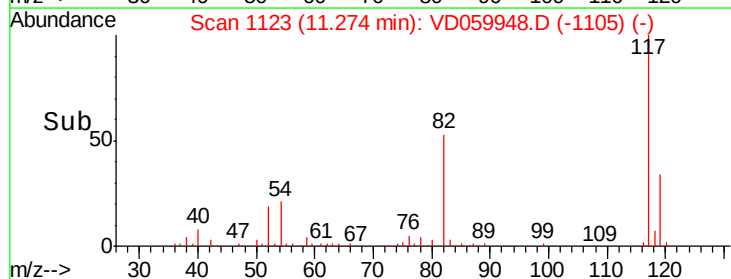
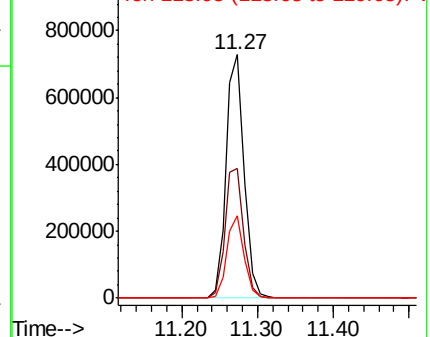
119 33.6 26.7 40.1

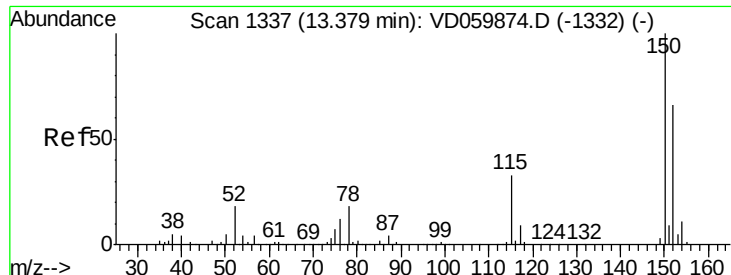


Abundance Ion 116.95 (116.65 to 117.65): V

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. -0.02 min

Lab File: VD059948.D

Acq: 4 Sep 2018 16:57

Instrument :

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ClientSampleId :

EP1-SUT-UST-01

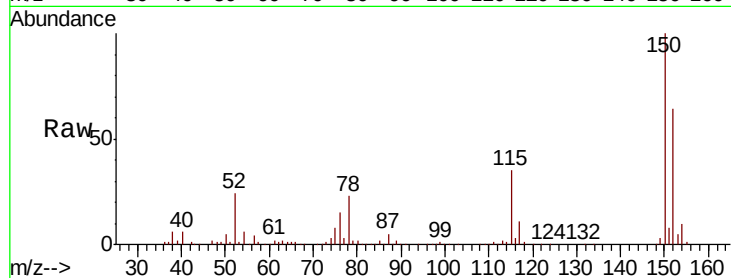
Tot Ion:152 Resp: 616742

Ion Ratio Lower Upper

152 100

115 54.8 25.7 77.0

150 155.3 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

