

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059953.D
 Acq On : 4 Sep 2018 19:20
 Operator : JC/SY
 Sample : J4724-07
 Misc : 5.48g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-06

Quant Time: Sep 05 05:03:20 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	1042467	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	1455192	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.29	117	1224423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	680503	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	381822	43.46	ug/l	-0.03
Spiked Amount						
			Recovery	=	86.92%	
35) Dibromofluoromethane	6.30	113	475833	41.71	ug/l	-0.03
Spiked Amount						
			Recovery	=	83.42%	
50) Toluene-d8	9.45	98	1295775	40.92	ug/l	-0.01
Spiked Amount						
			Recovery	=	81.84%	
62) 4-Bromofluorobenzene	12.43	95	503122	39.12	ug/l	0.00
Spiked Amount						
			Recovery	=	78.24%	

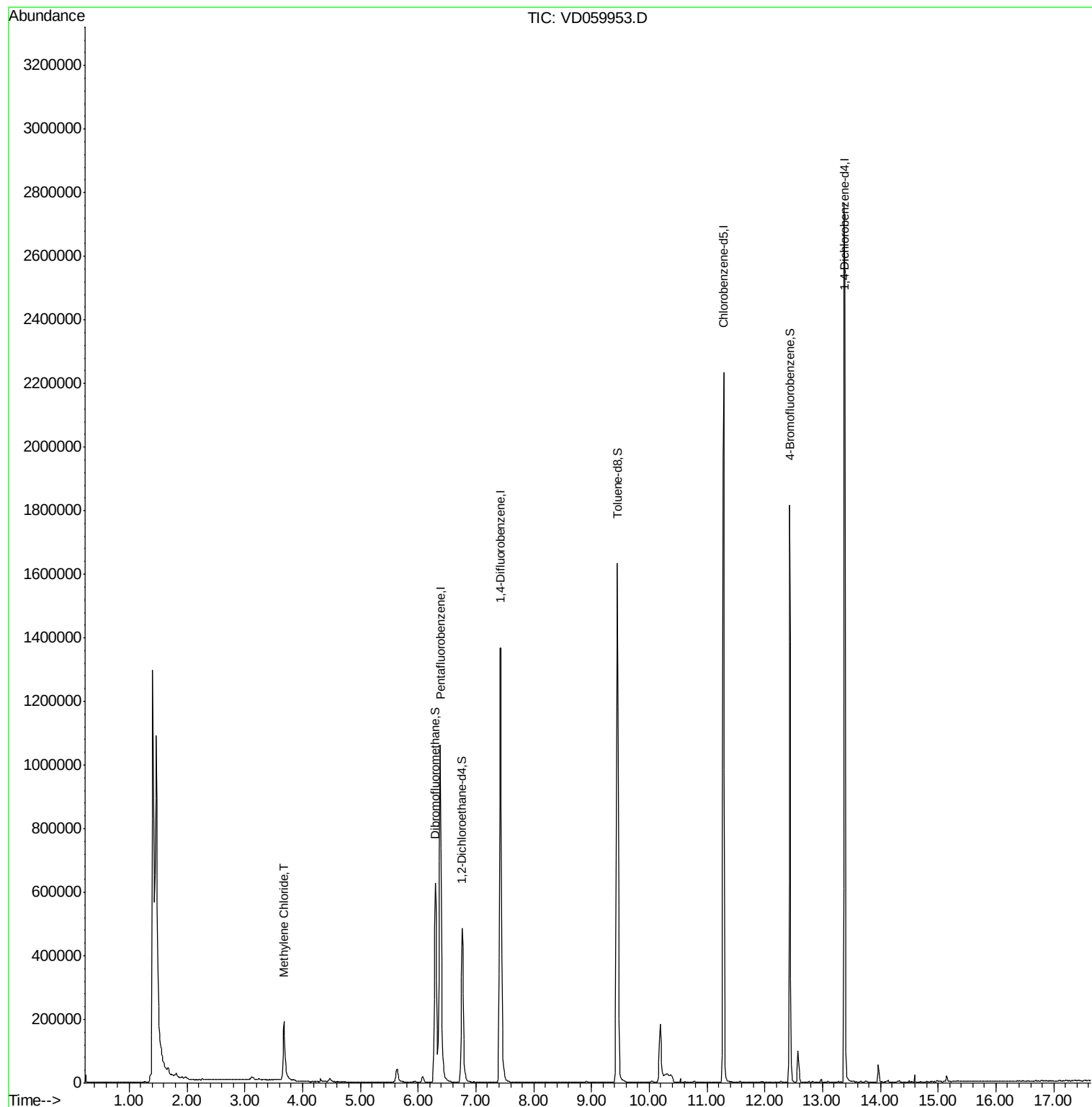
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.68	84	99939	6.08	ug/l	94

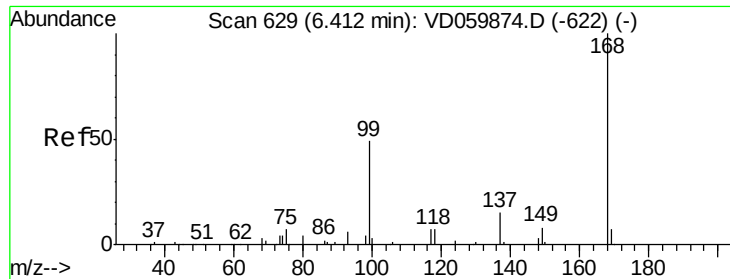
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 626

Delta R.T. -0.02 min

Lab File: VD059953.D

Acq: 4 Sep 2018 19:20

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MSVOA_D

ClientSampleId :

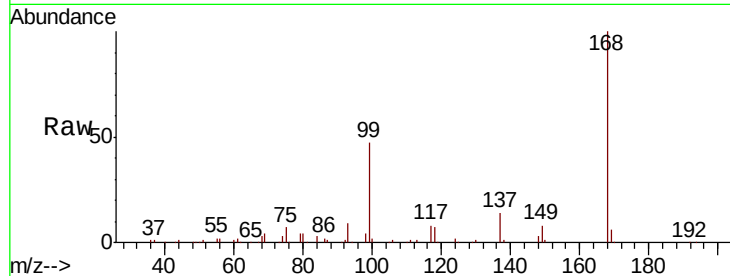
EP1-SUT-UST-06

Tot Ion:168 Resp: 1042467

Ion Ratio Lower Upper

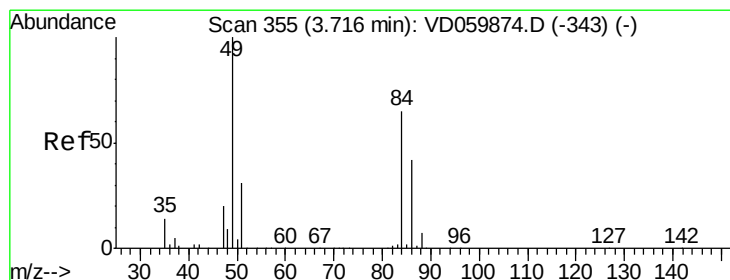
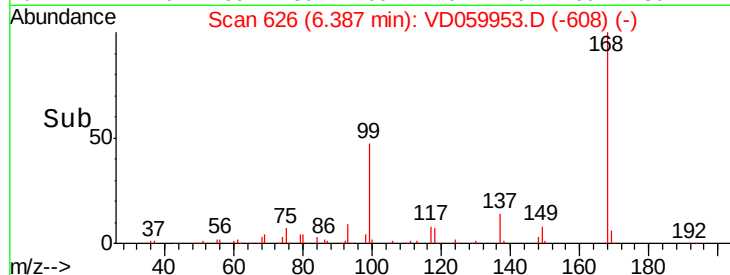
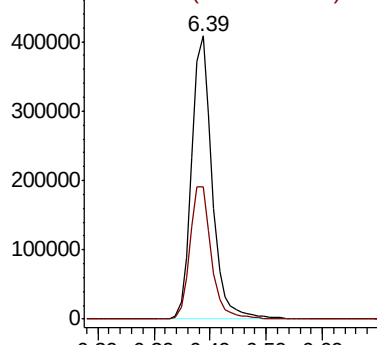
168 100

99 46.6 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: 6.08 ug/l

RT: 3.68 min Scan# 351

Delta R.T. -0.03 min

Lab File: VD059953.D

Acq: 4 Sep 2018 19:20

Tgt Ion: 84 Resp: 99939

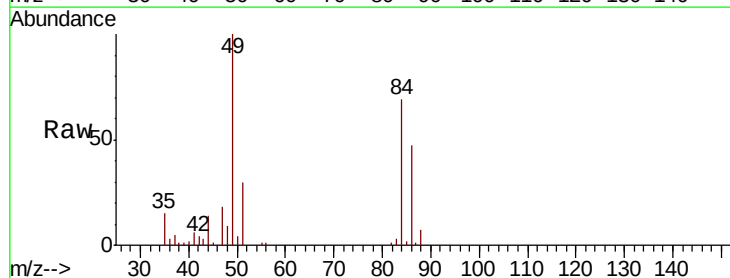
Ion Ratio Lower Upper

84 100

49 145.9 122.6 183.8

51 43.9 38.4 57.6

86 68.9 51.5 77.3

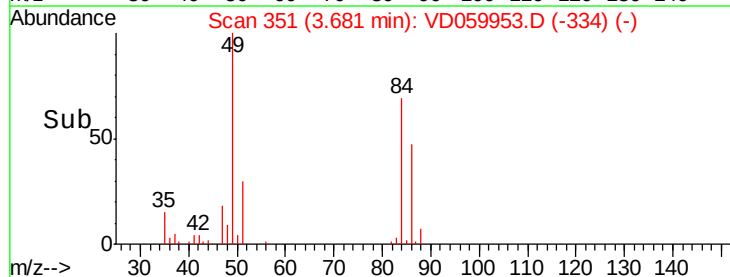
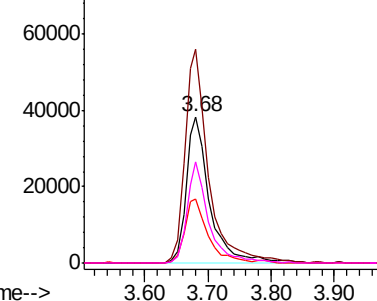


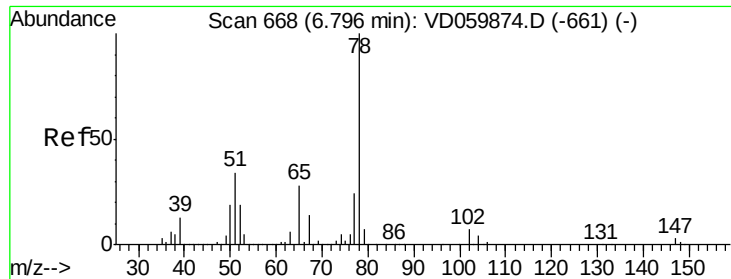
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

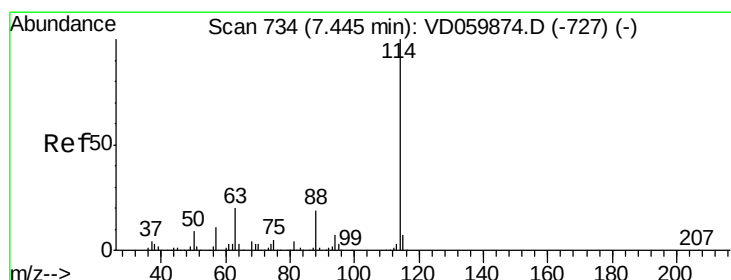
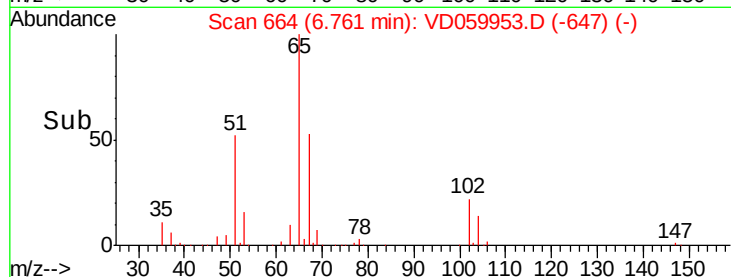
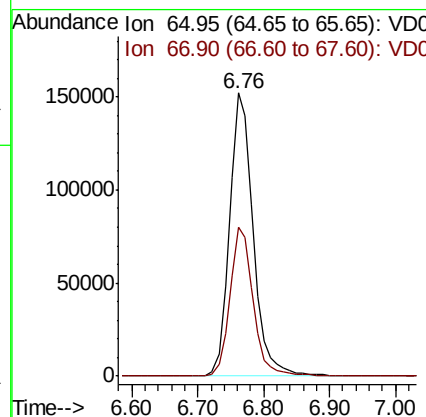
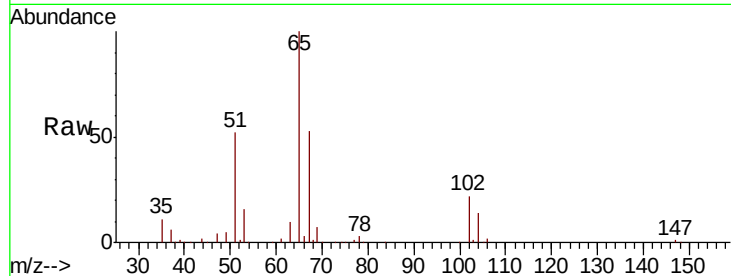




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: VD059953.D
 Acq: 4 Sep 2018 19:20

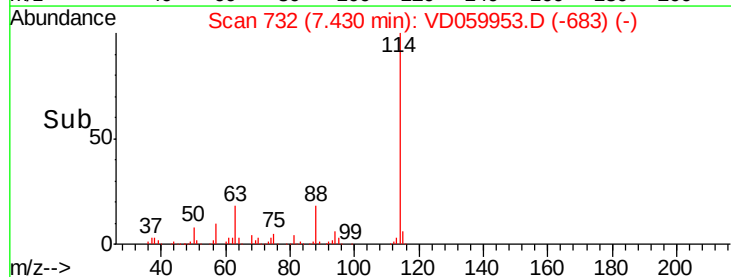
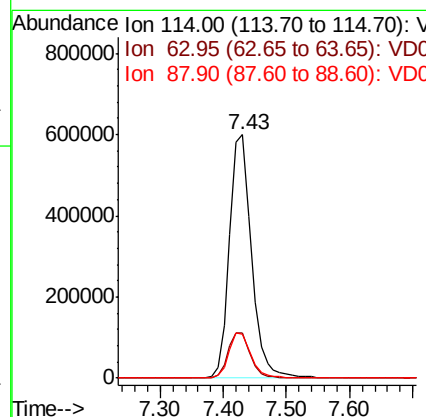
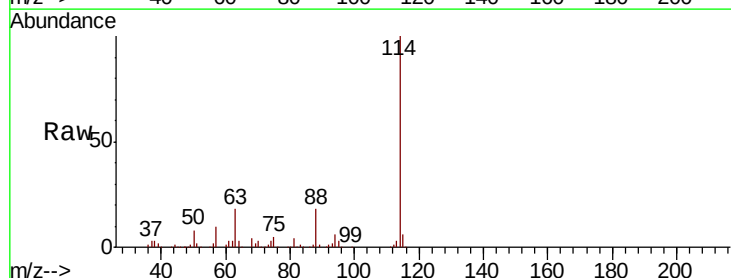
Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-06

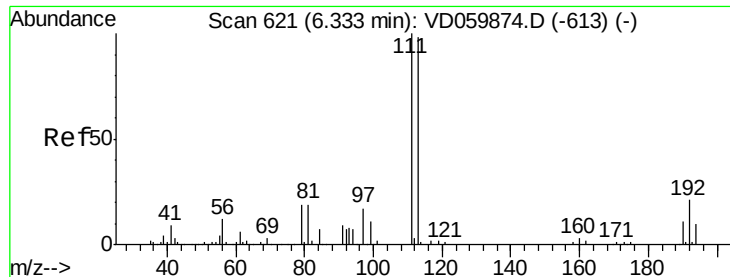
Tot Ion: 65 Resp: 381822
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.43 min Scan# 732
 Delta R.T. -0.01 min
 Lab File: VD059953.D
 Acq: 4 Sep 2018 19:20

Tgt Ion: 114 Resp: 1455192
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.4
 88 18.2 0.0 37.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.03 min

Lab File: VD059953.D

Acq: 4 Sep 2018 19:20

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-06

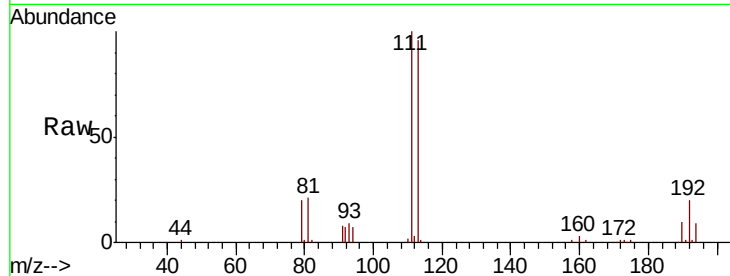
Tot Ion:113 Resp: 475833

Ion Ratio Lower Upper

113 100

111 104.4 81.4 122.2

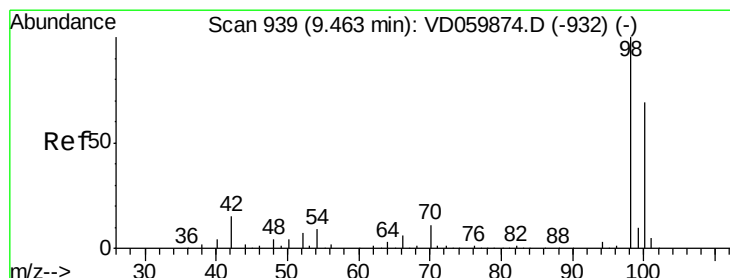
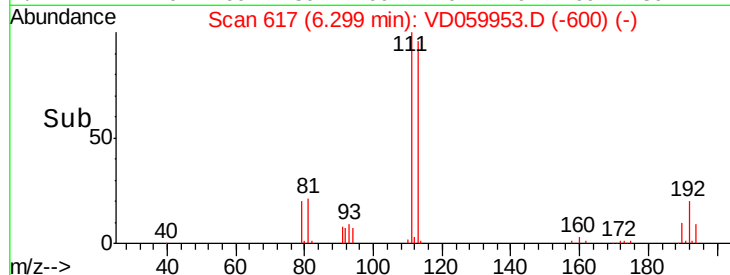
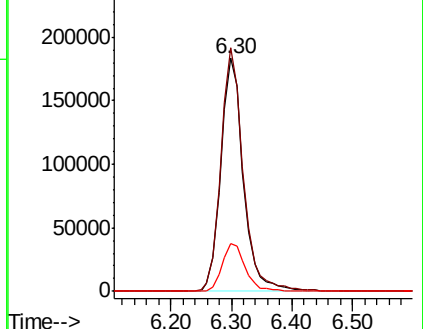
192 20.6 17.0 25.6



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# 937

Delta R.T. -0.01 min

Lab File: VD059953.D

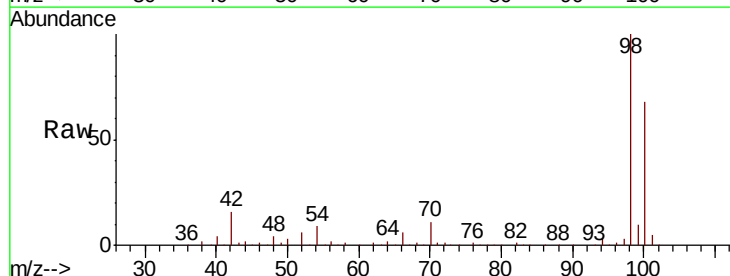
Acq: 4 Sep 2018 19:20

Tgt Ion: 98 Resp: 1295775

Ion Ratio Lower Upper

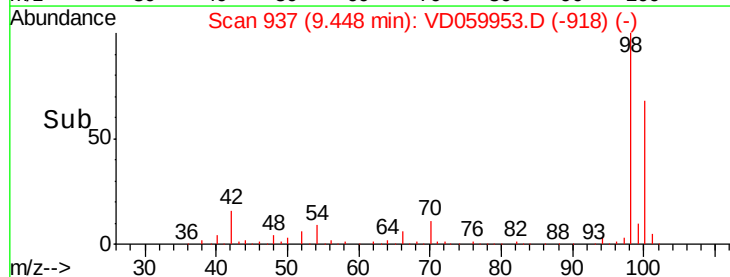
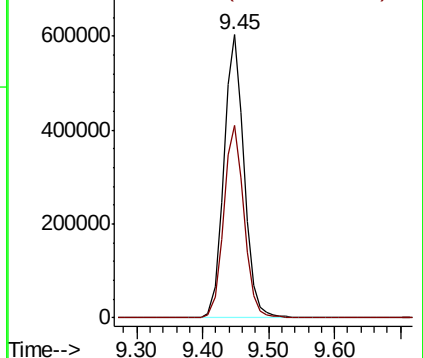
98 100

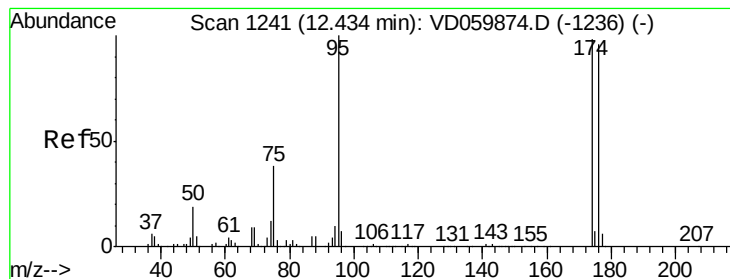
100 68.0 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VD059953.D

Acq: 4 Sep 2018 19:20

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-06

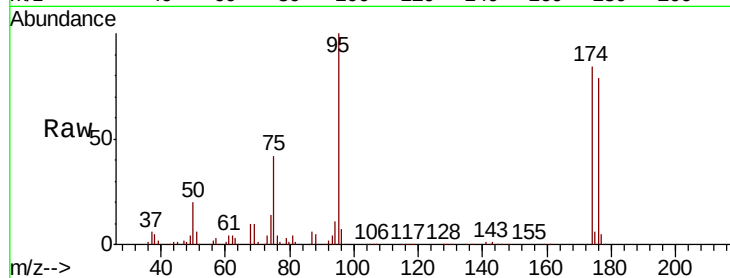
Tot Ion: 95 Resp: 503122

Ion Ratio Lower Upper

95 100

174 83.5 0.0 195.6

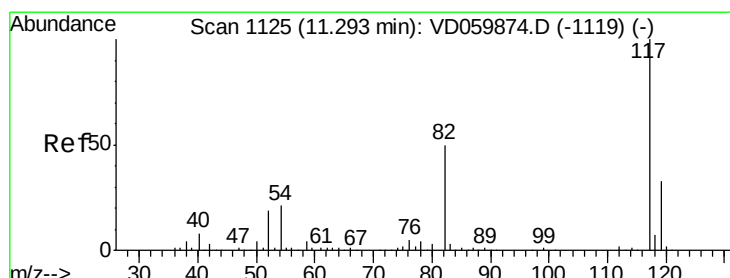
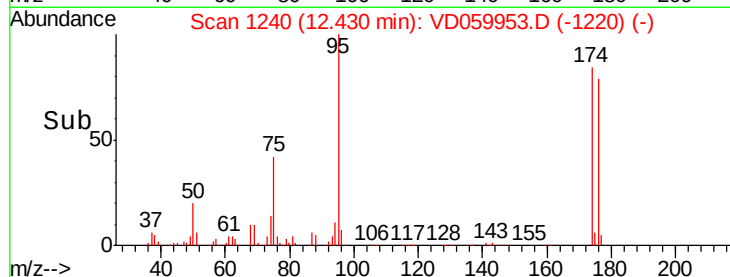
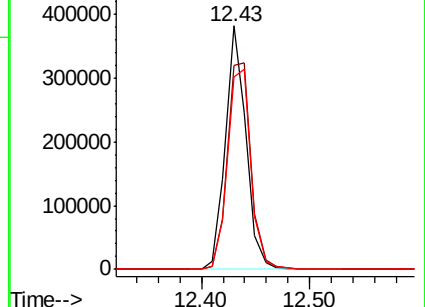
176 79.3 0.0 191.2



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: 11.29 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VD059953.D

Acq: 4 Sep 2018 19:20

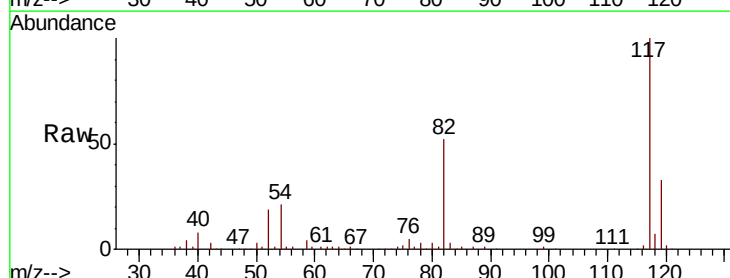
Tgt Ion: 117 Resp: 1224423

Ion Ratio Lower Upper

117 100

82 51.8 40.1 60.1

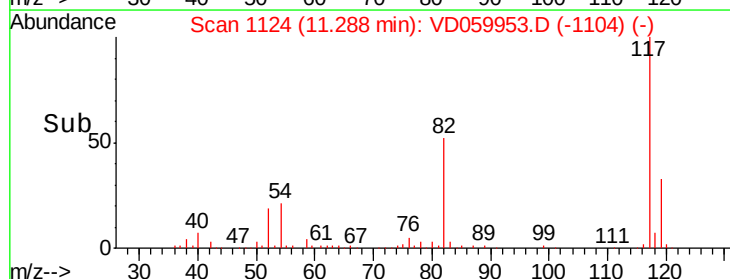
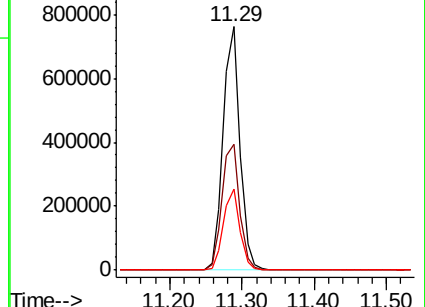
119 33.2 26.7 40.1

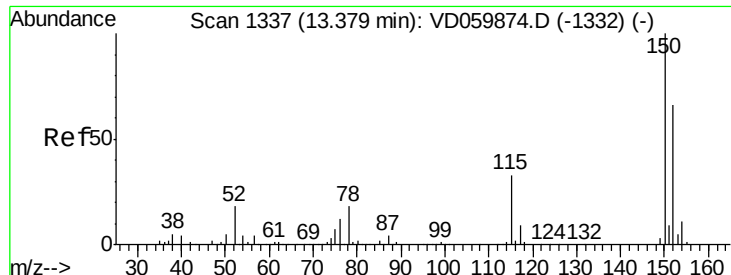


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.38 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VD059953.D

Acq: 4 Sep 2018 19:20

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-06

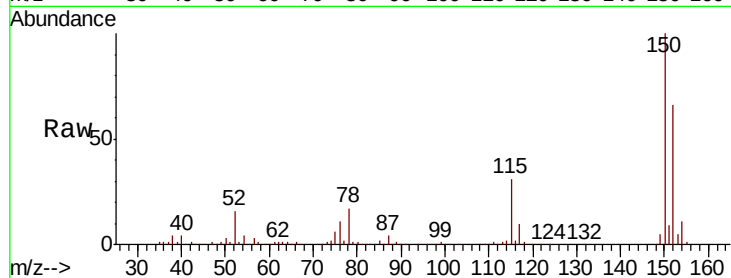
Tot Ion:152 Resp: 680503

Ion Ratio Lower Upper

152 100

115 46.7 25.7 77.0

150 152.5 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

