

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059950.D
 Acq On : 4 Sep 2018 17:54
 Operator : JC/SY
 Sample : J4724-04
 Misc : 5.77g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-03

Quant Time: Sep 05 04:48:57 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	1079122	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.41	114	1476728	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1175893	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	592418	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.75	65	371729	40.87	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	81.74%	
35) Dibromofluoromethane	6.29	113	475148	41.04	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	82.08%	
50) Toluene-d8	9.43	98	1241768	38.65	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	77.30%	
62) 4-Bromofluorobenzene	12.41	95	455402	34.90	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	69.80%	

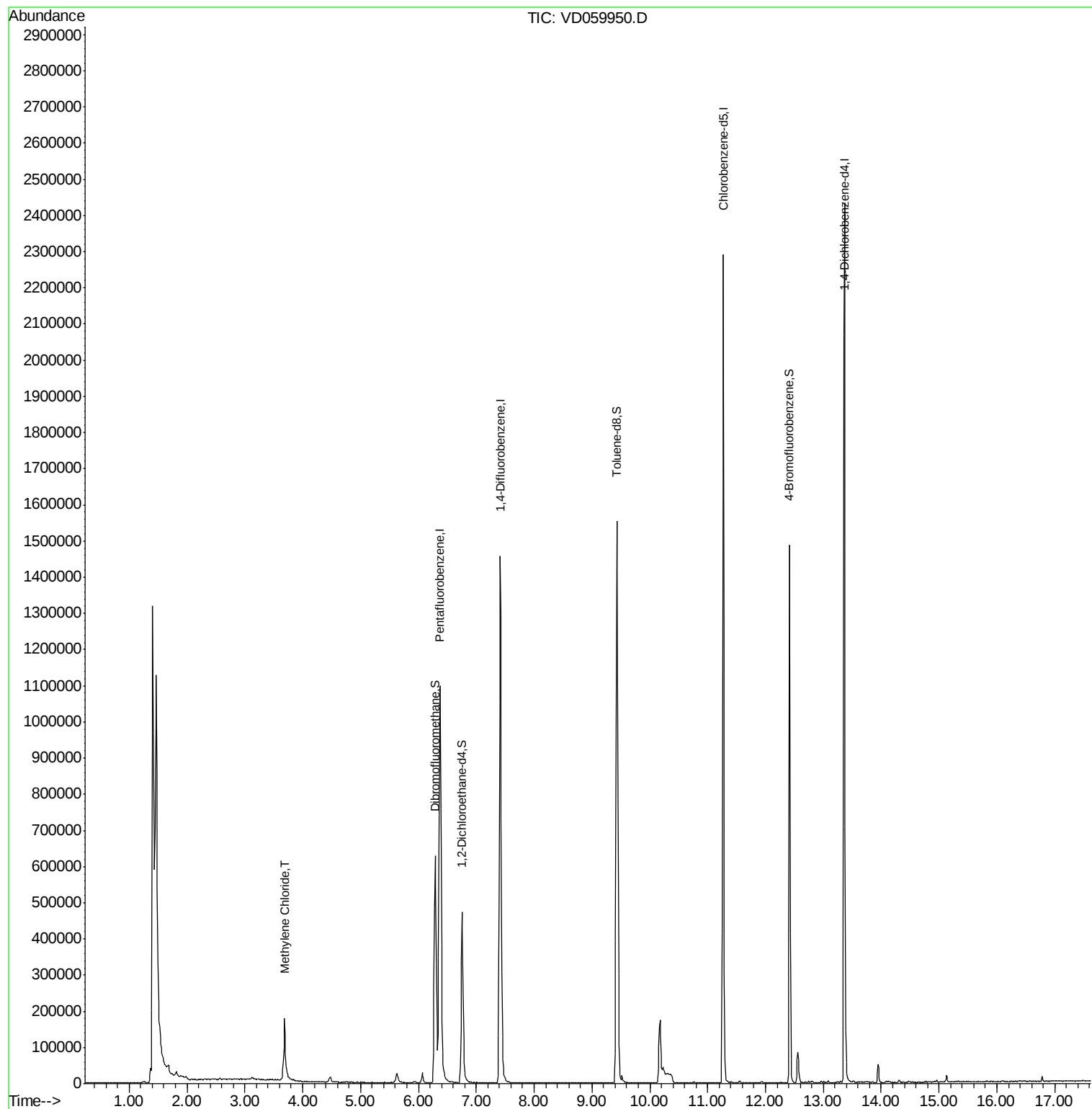
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.68	84	81492	3.94	ug/l	96

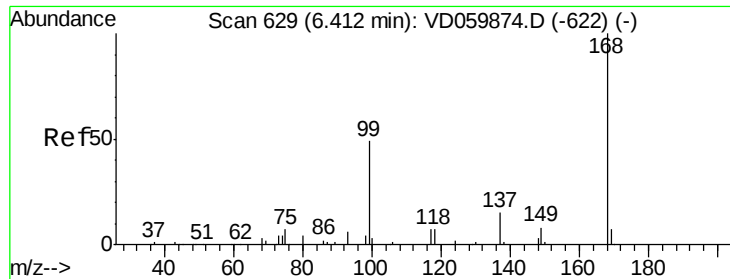
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.38 min Scan# 625

Delta R.T. -0.03 min

Lab File: VD059950.D

Acq: 4 Sep 2018 17:54

Instrument :

MSVOA_D

ClientSampleId :

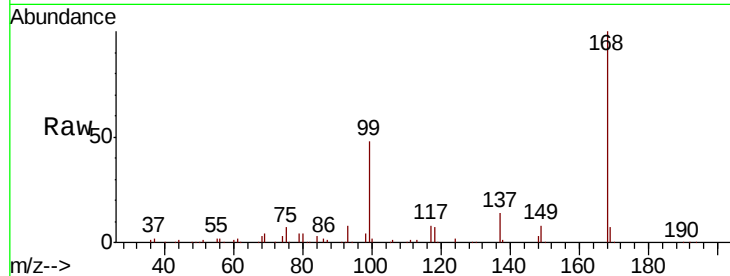
EP1-SUT-UST-03

Tot Ion:168 Resp: 1079122

Ion Ratio Lower Upper

168 100

99 48.1 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

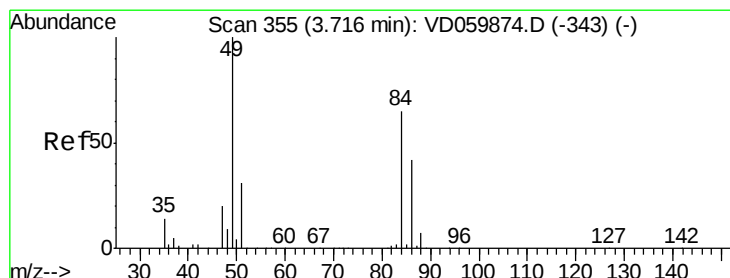
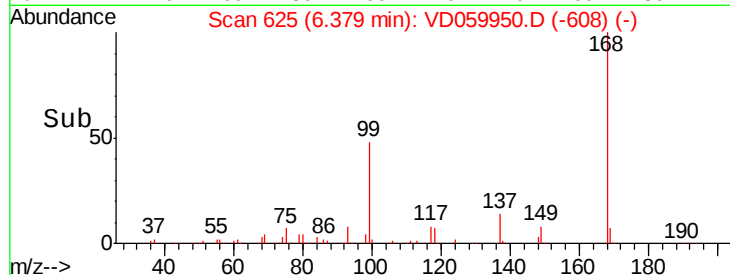
300000

200000

100000

0

Time--> 6.20 6.40 6.60



#20

Methylene Chloride

Concen: 3.94 ug/l

RT: 3.68 min Scan# 351

Delta R.T. -0.03 min

Lab File: VD059950.D

Acq: 4 Sep 2018 17:54

Tgt Ion: 84 Resp: 81492

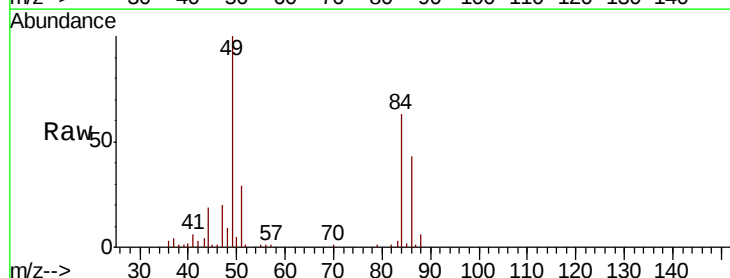
Ion Ratio Lower Upper

84 100

49 158.7 122.6 183.8

51 45.6 38.4 57.6

86 68.0 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

80000

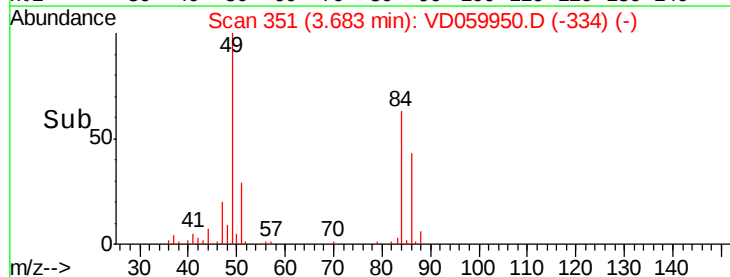
60000

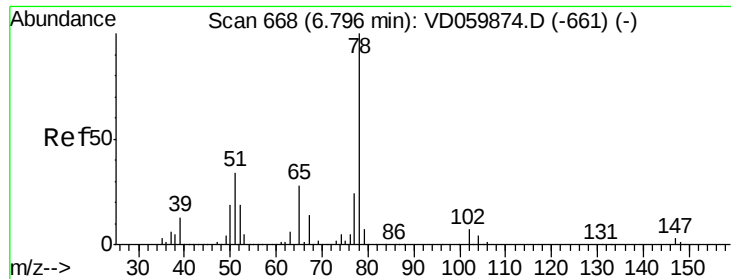
40000

20000

0

Time--> 3.60 3.70 3.80 3.90





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.75 min Scan# 663

Delta R.T. -0.04 min

Lab File: VD059950.D

Acq: 4 Sep 2018 17:54

Instrument :

MSVOA_D

ClientSampleId :

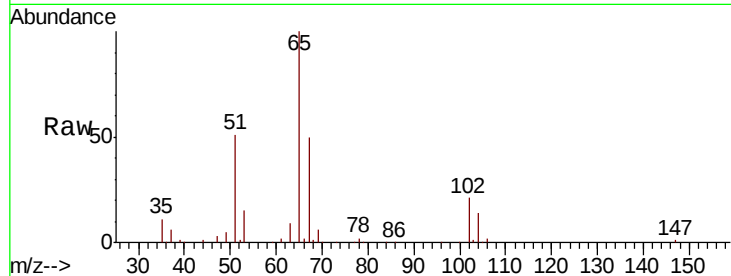
EP1-SUT-UST-03

Tot Ion: 65 Resp: 371729

Ion Ratio Lower Upper

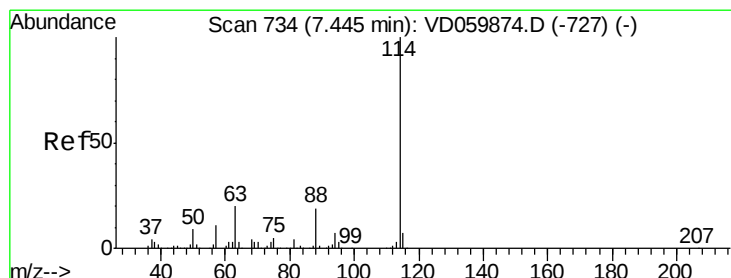
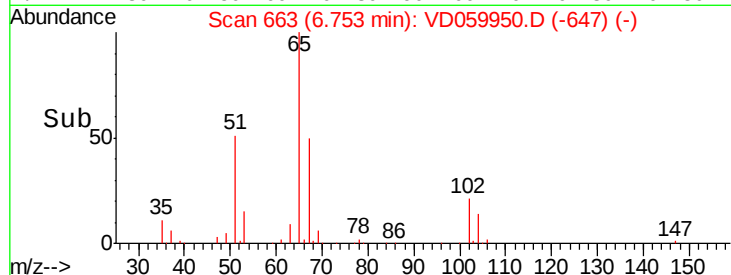
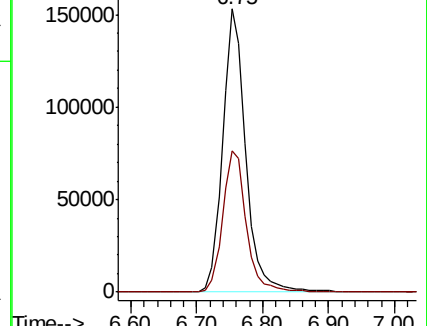
65 100

67 50.0 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: 7.41 min Scan# 730

Delta R.T. -0.03 min

Lab File: VD059950.D

Acq: 4 Sep 2018 17:54

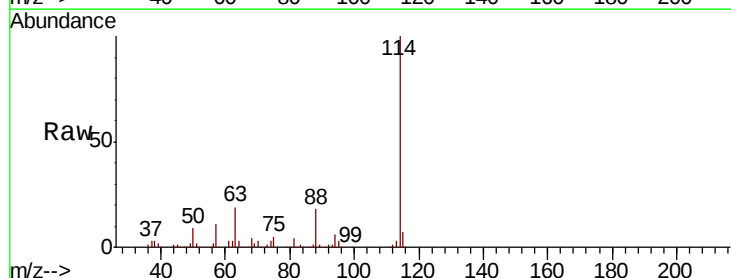
Tgt Ion: 114 Resp: 1476728

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.4

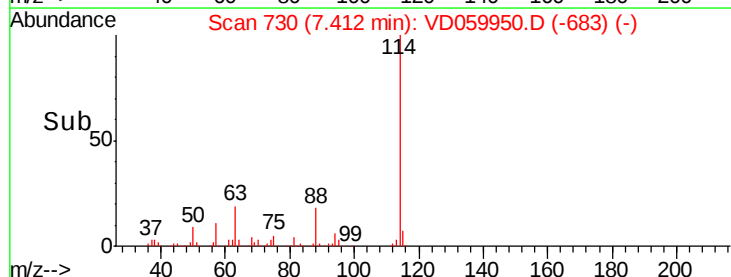
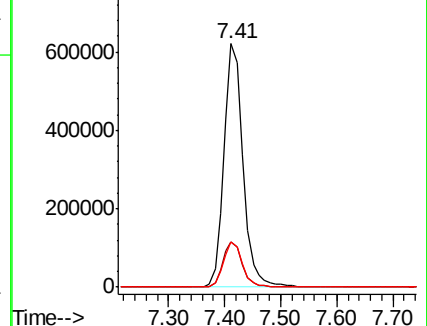
88 18.4 0.0 37.6

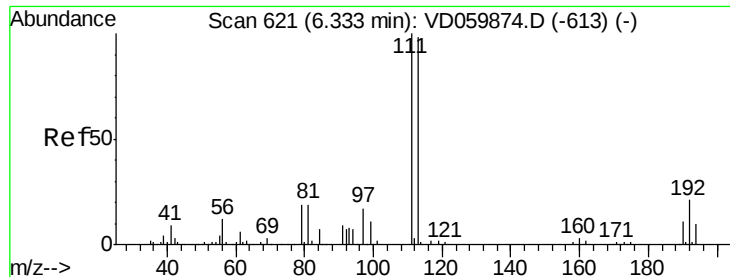


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

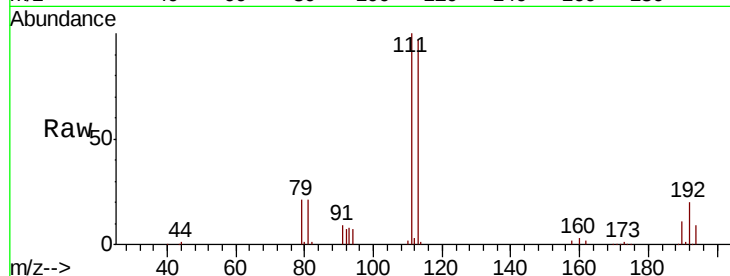




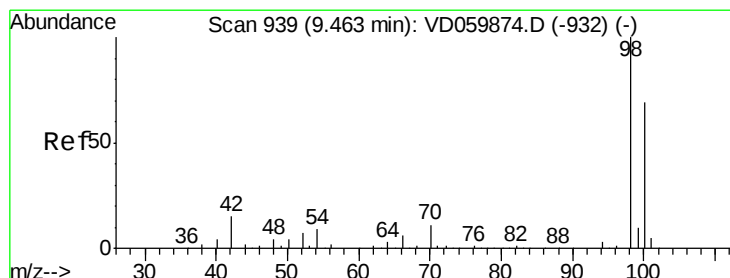
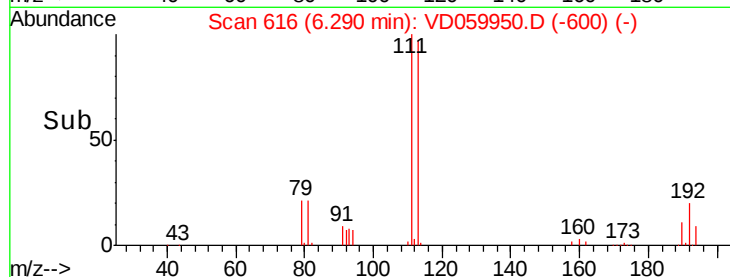
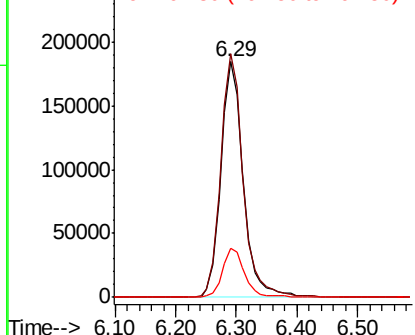
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.29 min Scan# 616
 Delta R.T. -0.04 min
 Lab File: VD059950.D
 Acq: 4 Sep 2018 17:54

Instrument :
 MSVOA_D
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 EP1-SUT-UST-03

Tot Ion:113 Resp: 475148
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.4 122.2
 192 20.7 17.0 25.6

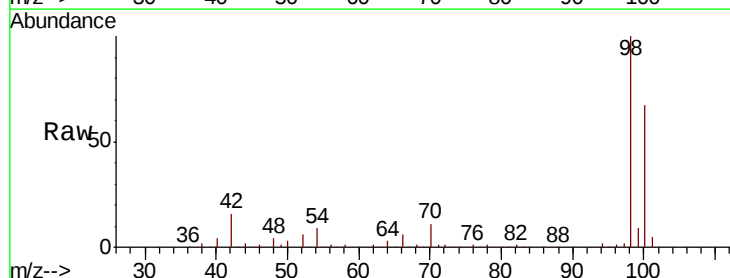


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

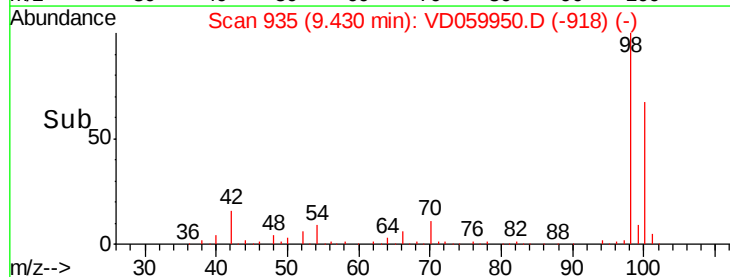
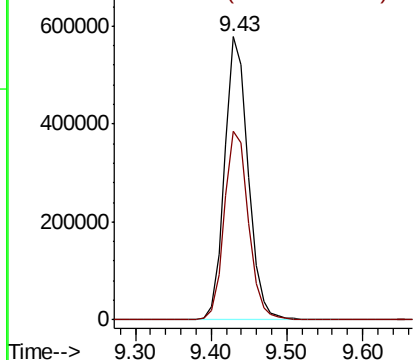


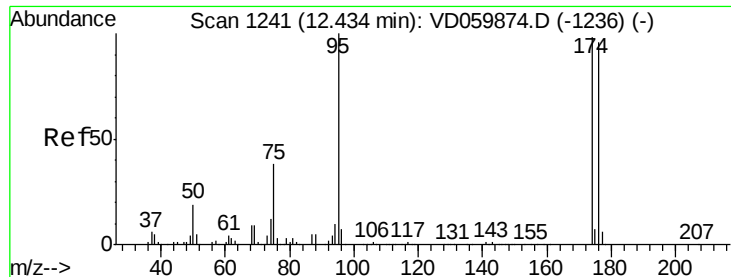
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.43 min Scan# 935
 Delta R.T. -0.03 min
 Lab File: VD059950.D
 Acq: 4 Sep 2018 17:54

Tgt Ion: 98 Resp: 1241768
 Ion Ratio Lower Upper
 98 100
 100 66.7 55.8 83.6



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VD059950.D

Acq: 4 Sep 2018 17:54

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-03

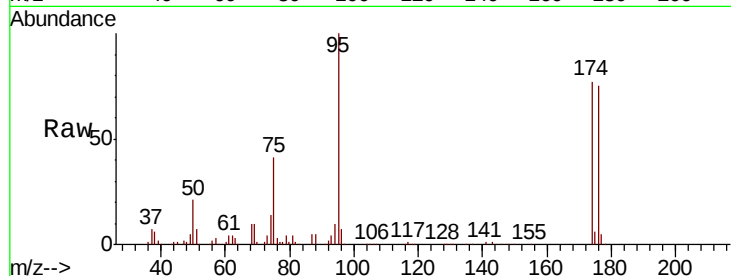
Tot Ion: 95 Resp: 455402

Ion Ratio Lower Upper

95 100

174 77.1 0.0 195.6

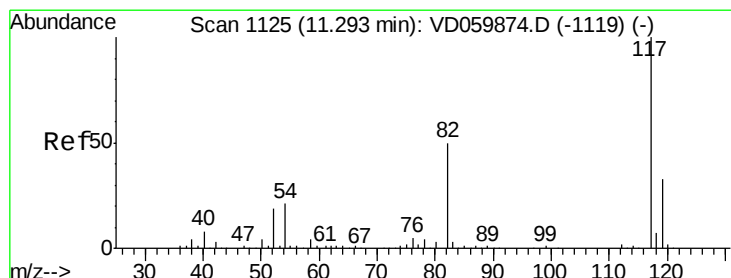
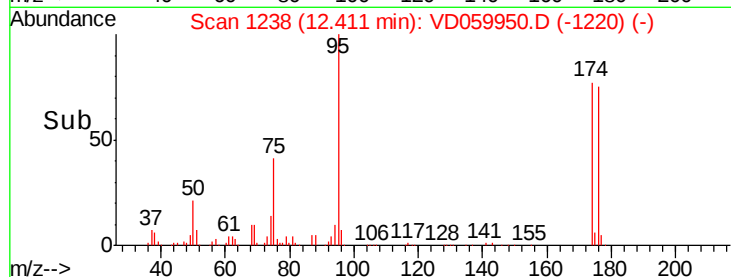
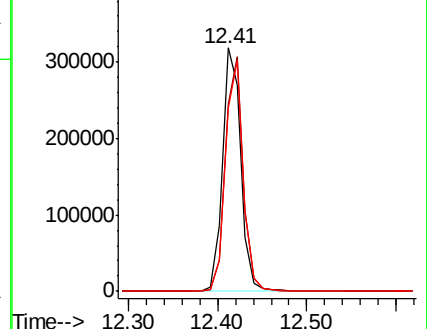
176 75.3 0.0 191.2



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: 11.27 min Scan# 1122

Delta R.T. -0.02 min

Lab File: VD059950.D

Acq: 4 Sep 2018 17:54

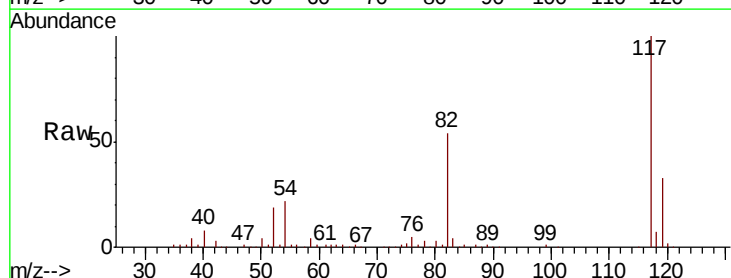
Tgt Ion: 117 Resp: 1175893

Ion Ratio Lower Upper

117 100

82 53.9 40.1 60.1

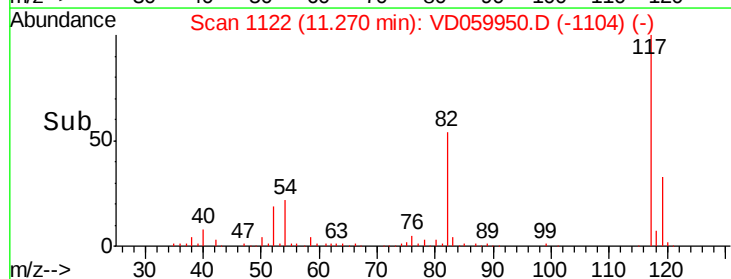
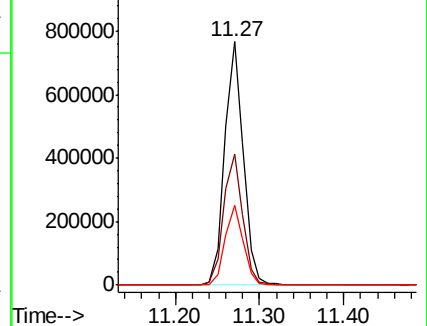
119 32.5 26.7 40.1

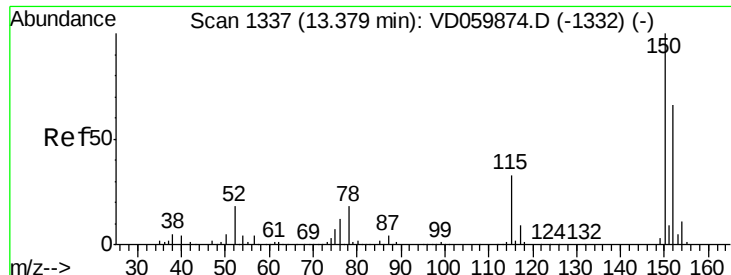


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.37 min Scan# 1335

Delta R.T. -0.01 min

Lab File: VD059950.D

Acq: 4 Sep 2018 17:54

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-03

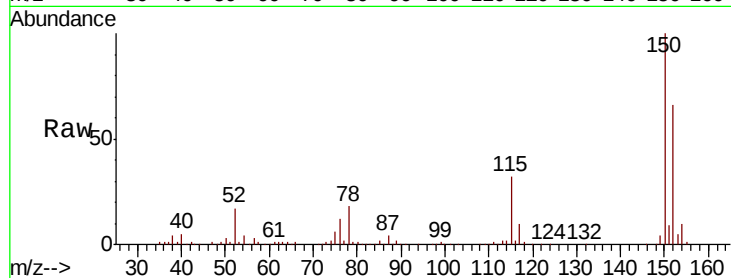
Tot Ion:152 Resp: 592418

Ion Ratio Lower Upper

152 100

115 48.1 25.7 77.0

150 152.2 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

