

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059956.D
 Acq On : 4 Sep 2018 20:45
 Operator : JC/SY
 Sample : J4724-10
 Misc : 5.72g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-09

Quant Time: Sep 05 05:23:27 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	1004833	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	1385507	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.27	117	1190352	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	647462	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	396045	46.76	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	93.52%	
35) Dibromofluoromethane	6.28	113	488433	44.97	ug/l	-0.05
Spiked Amount				50.000		
			Recovery	=	89.94%	
50) Toluene-d8	9.43	98	1299631	43.11	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	86.22%	
62) 4-Bromofluorobenzene	12.41	95	522608	42.68	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	85.36%	

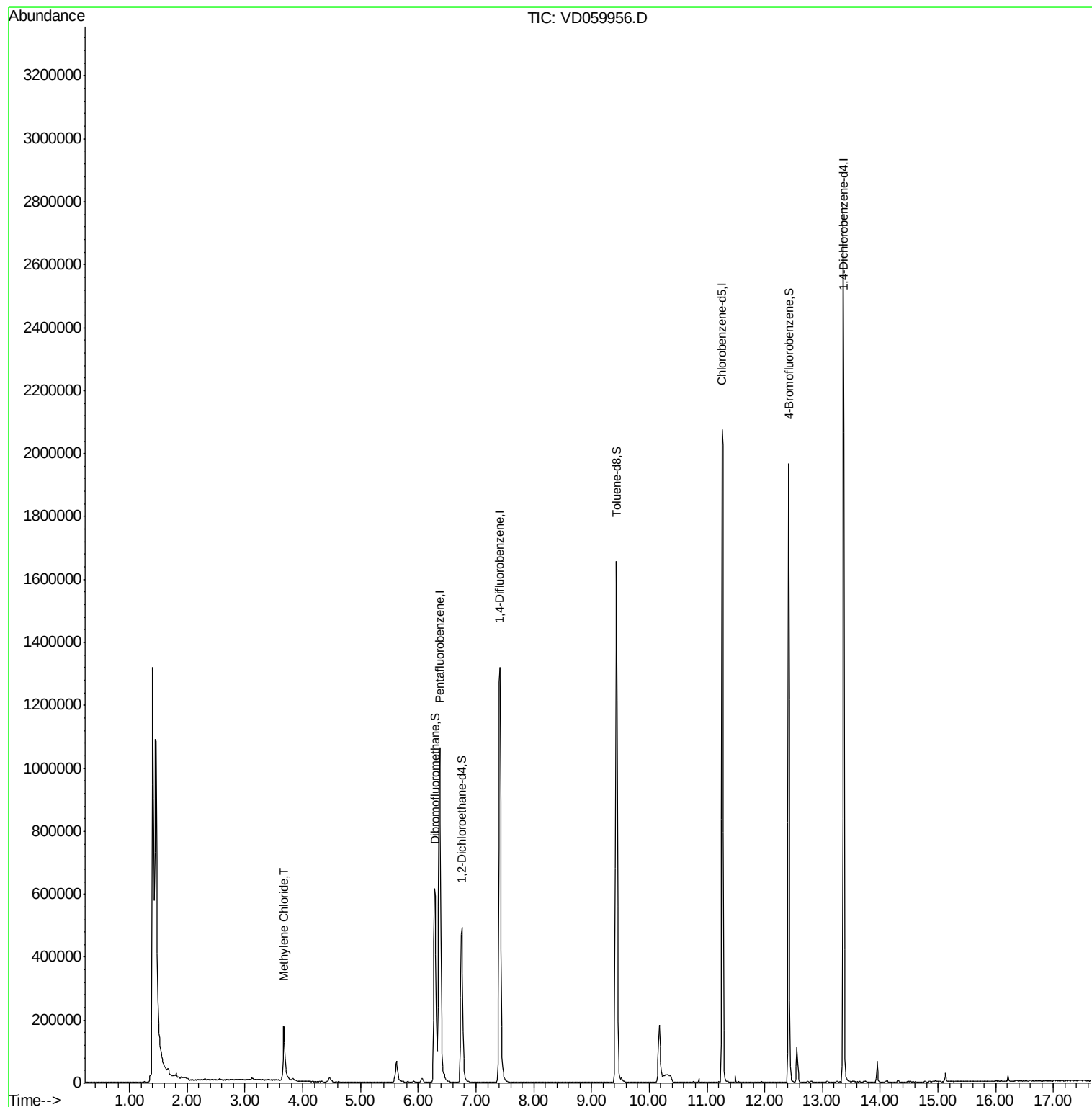
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.68	84	90156	5.44	ug/l	91

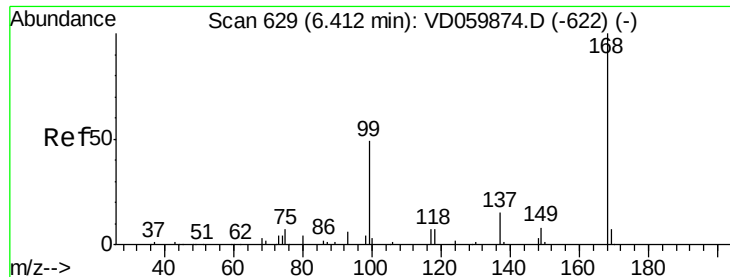
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Aug 23 03:03:08 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.37 min Scan# 625

Delta R.T. -0.04 min

Lab File: VD059956.D

Acq: 4 Sep 2018 20:45

Instrument :

MSVOA_D

ClientSampleId :

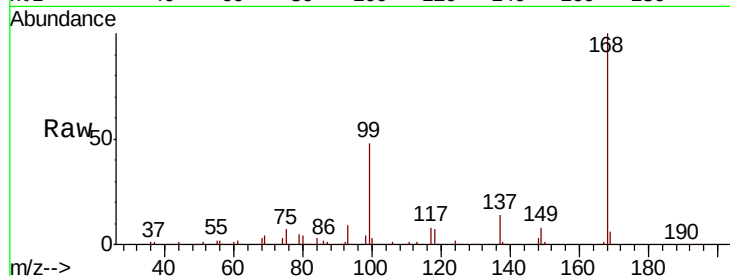
EP1-SUT-UST-09

Tot Ion:168 Resp: 1004833

Ion Ratio Lower Upper

168 100

99 48.4 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

400000

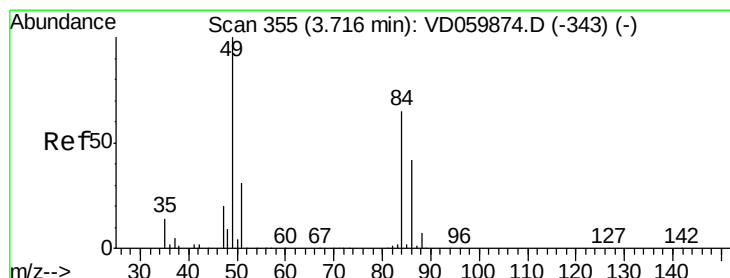
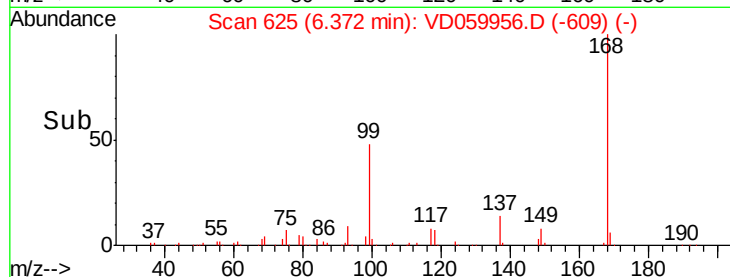
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#20

Methylene Chloride

Concen: 5.44 ug/l

RT: 3.68 min Scan# 351

Delta R.T. -0.04 min

Lab File: VD059956.D

Acq: 4 Sep 2018 20:45

Tgt Ion: 84 Resp: 90156

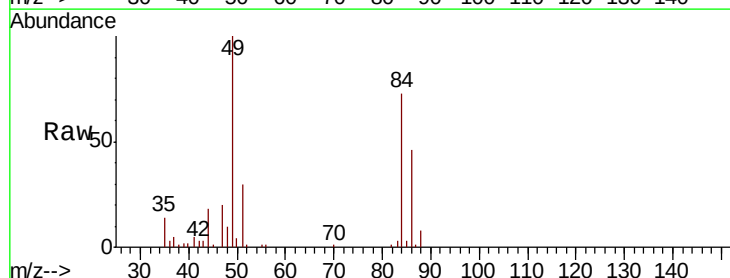
Ion Ratio Lower Upper

84 100

49 137.9 122.6 183.8

51 40.8 38.4 57.6

86 62.8 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

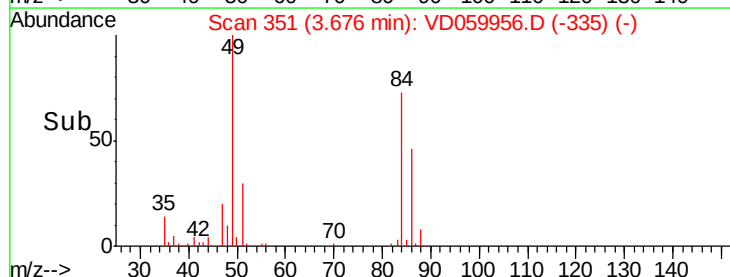
60000

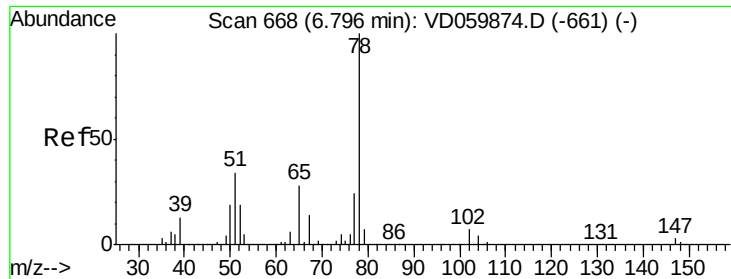
40000

20000

0

Time--> 3.50 3.60 3.70 3.80 3.90

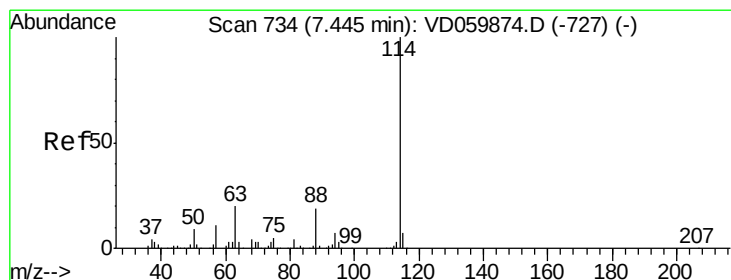
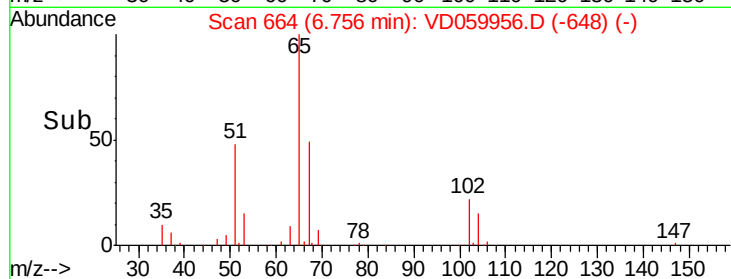
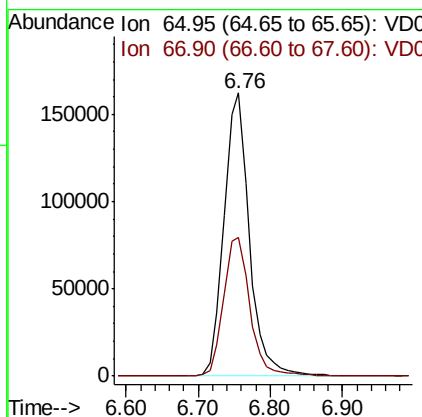
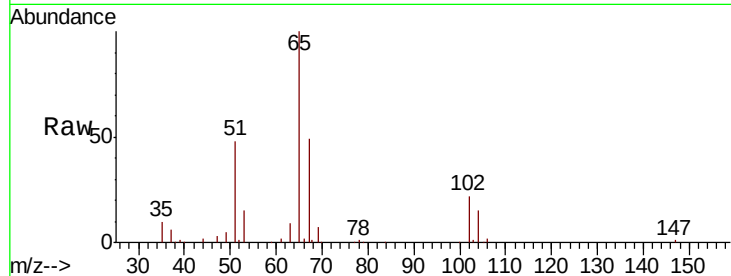




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.76 min Scan# 664
 Delta R.T. -0.04 min
 Lab File: VD059956.D
 Acq: 4 Sep 2018 20:45

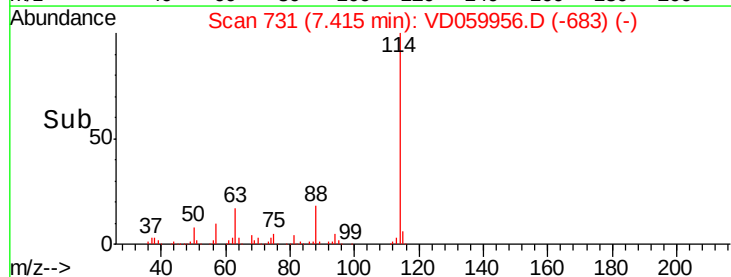
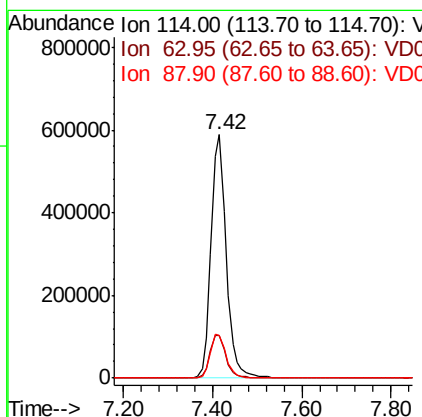
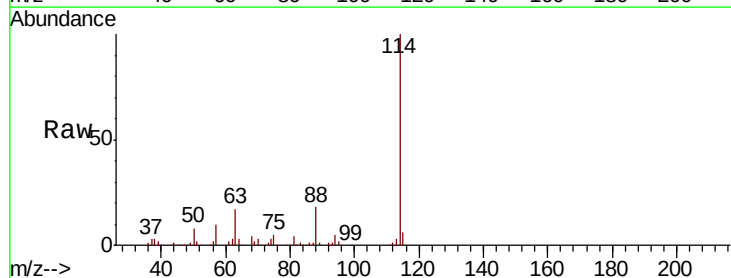
Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-09

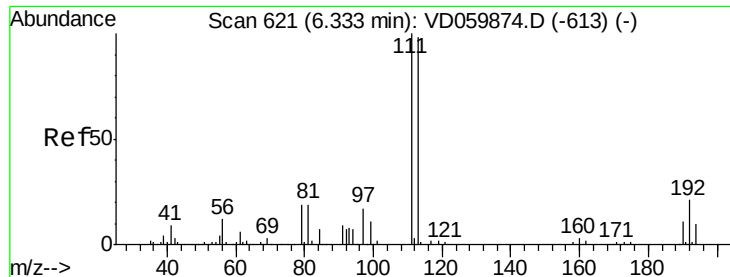
Tot Ion: 65 Resp: 396045
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.42 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: VD059956.D
 Acq: 4 Sep 2018 20:45

Tgt Ion: 114 Resp: 1385507
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 39.4
 88 17.6 0.0 37.6

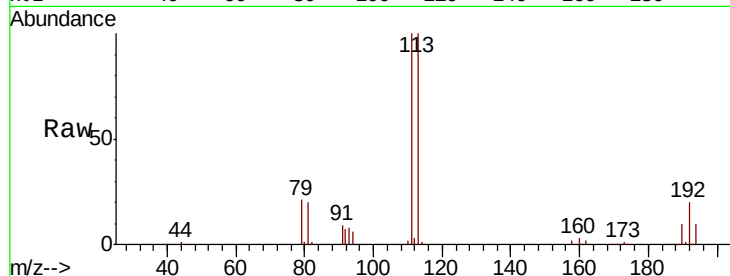




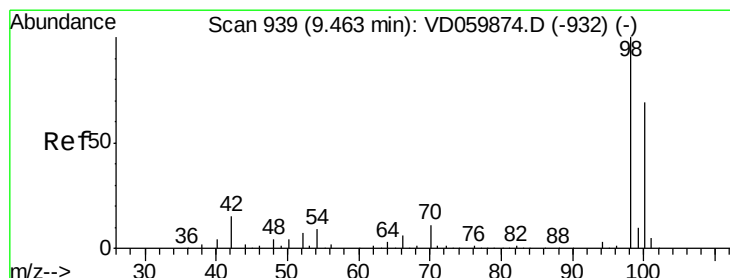
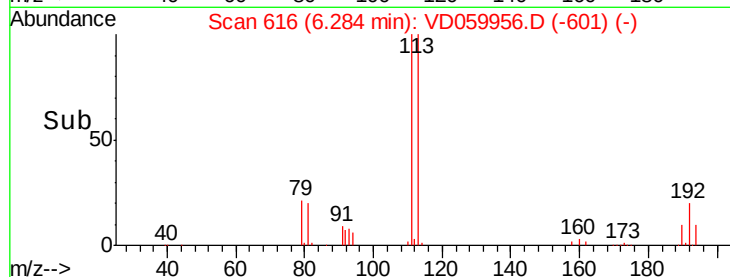
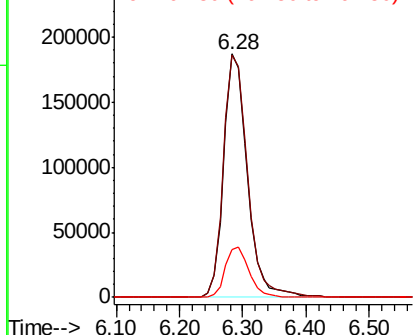
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.28 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: VD059956.D
 Acq: 4 Sep 2018 20:45

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-09

Tot Ion:113 Resp: 488433
 Ion Ratio Lower Upper
 113 100
 111 99.7 81.4 122.2
 192 19.6 17.0 25.6

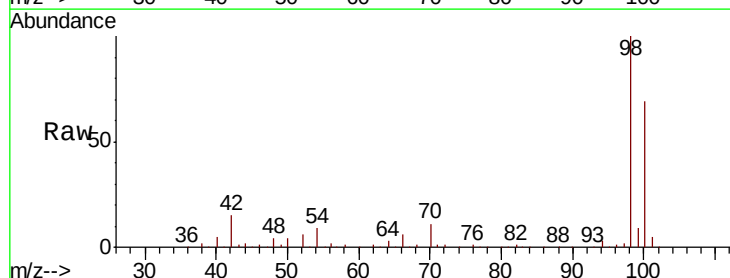


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

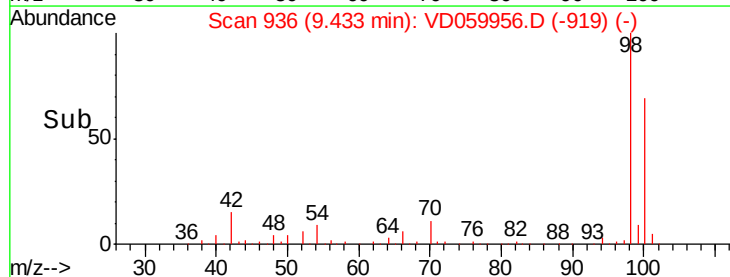
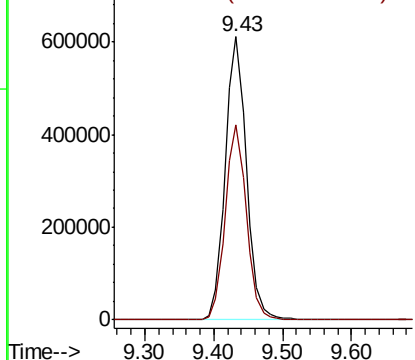


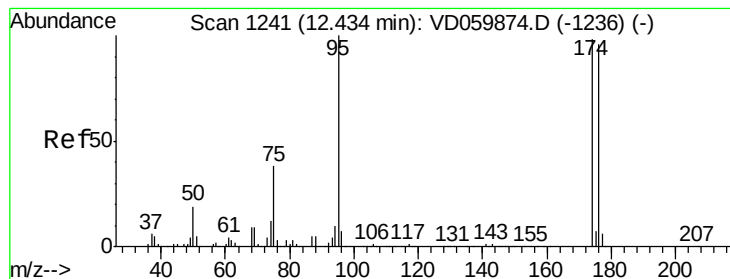
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.43 min Scan# 936
 Delta R.T. -0.03 min
 Lab File: VD059956.D
 Acq: 4 Sep 2018 20:45

Tgt Ion: 98 Resp: 1299631
 Ion Ratio Lower Upper
 98 100
 100 69.1 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: 12.41 min Scan# 1239

Delta R.T. -0.02 min

Lab File: VD059956.D

Acq: 4 Sep 2018 20:45

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-09

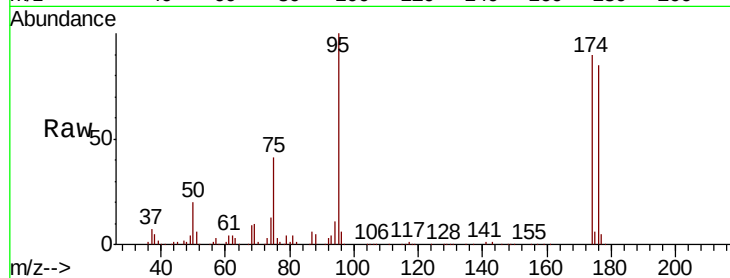
Tot Ion: 95 Resp: 522608

Ion Ratio Lower Upper

95 100

174 90.3 0.0 195.6

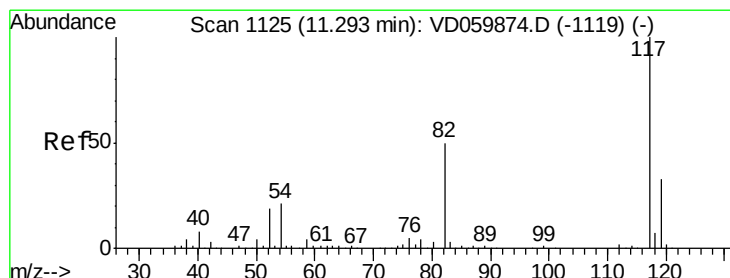
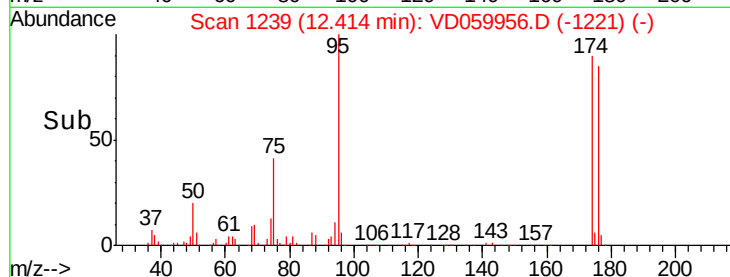
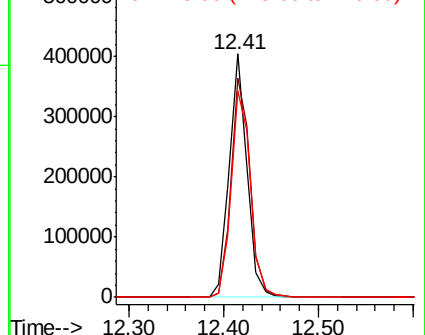
176 84.8 0.0 191.2



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: VD059956.D

Acq: 4 Sep 2018 20:45

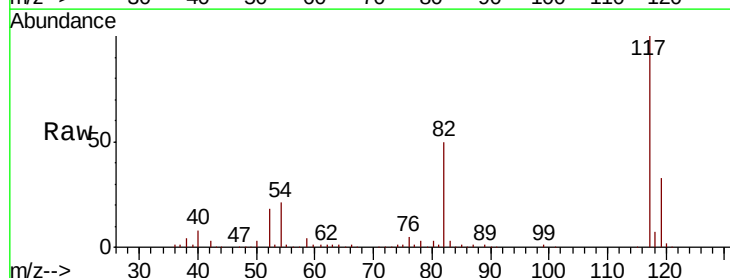
Tgt Ion: 117 Resp: 1190352

Ion Ratio Lower Upper

117 100

82 50.0 40.1 60.1

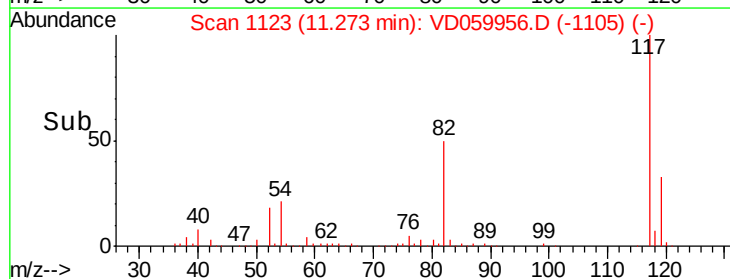
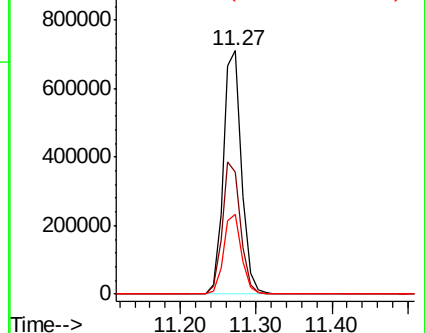
119 32.8 26.7 40.1

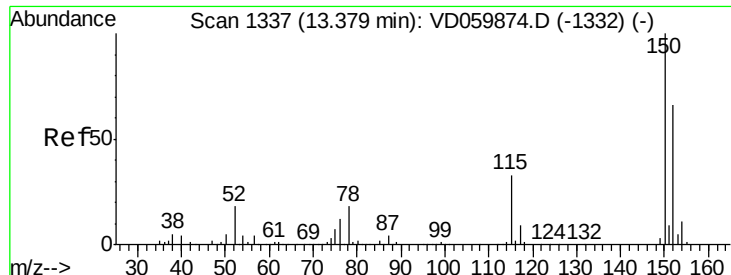


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

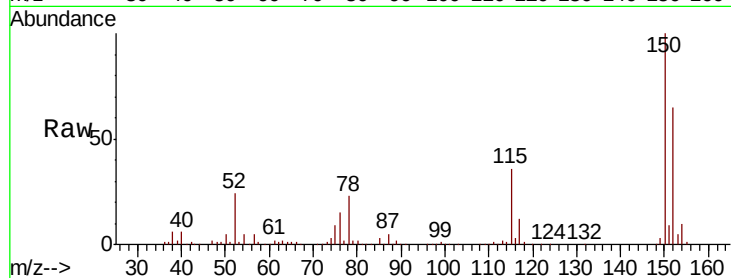




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.36 min Scan# 1335
 Delta R.T. -0.02 min
 Lab File: VD059956.D
 Acq: 4 Sep 2018 20:45

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-09

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	25.7	77.0
150	153.2	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

