

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090518\
 Data File : VD059974.D
 Acq On : 5 Sep 2018 17:33
 Operator : JC/SY
 Sample : J4724-14
 Misc : 5.61g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-8USTS-W

Quant Time: Sep 05 18:16:23 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	1408126	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.42	114	1944398	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	1395154	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	758449	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	611883	51.56	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	6.30	113	783758	51.41	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.82%	
50) Toluene-d8	9.44	98	1641448	38.80	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	77.60%	
62) 4-Bromofluorobenzene	12.42	95	737720	42.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	85.86%	

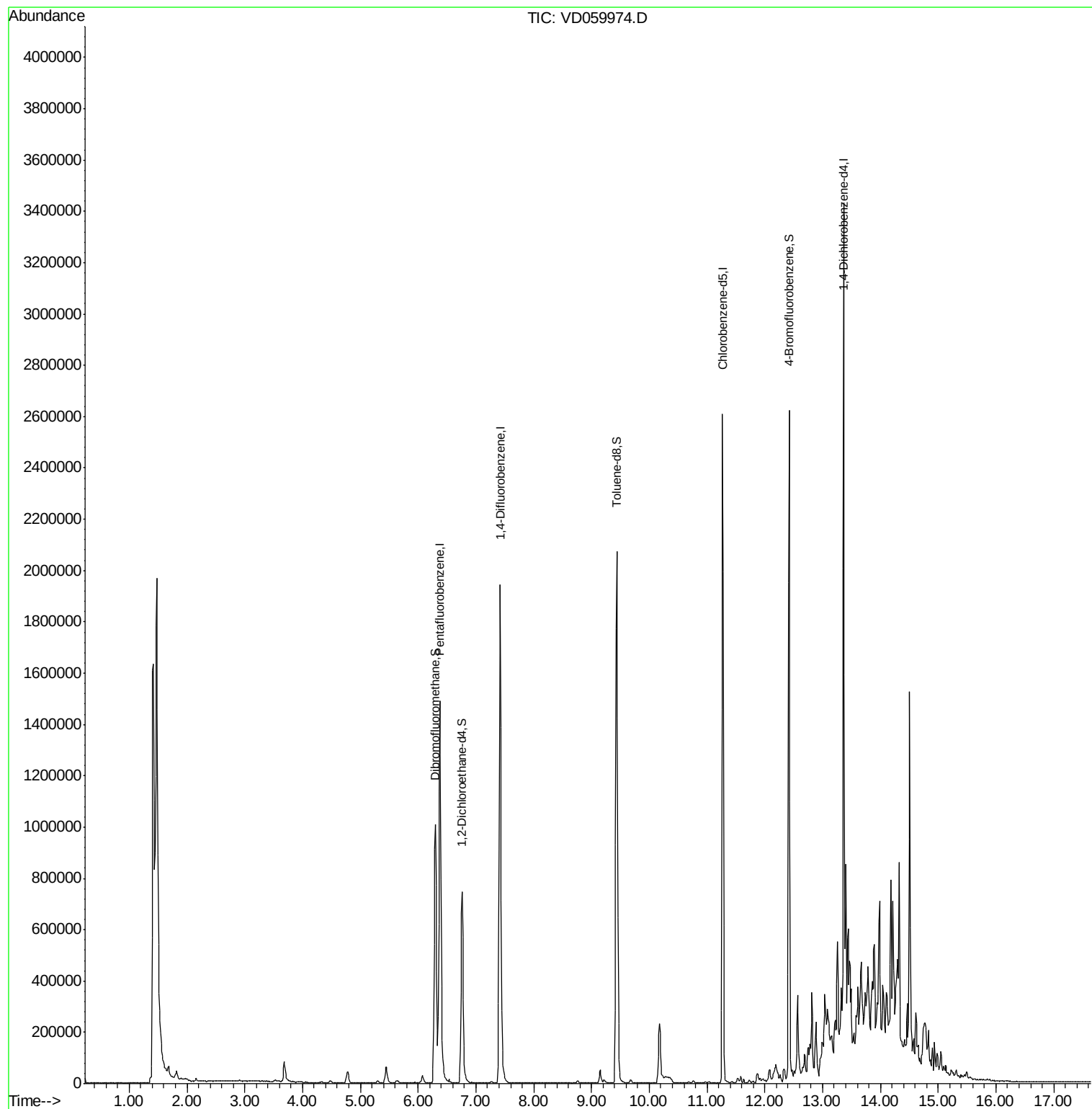
Target Compounds	Qvalue

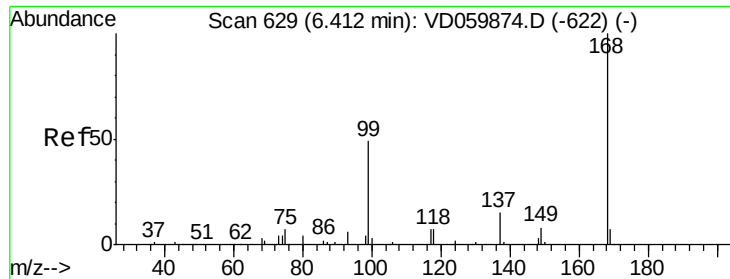
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.38 min Scan# 625

Delta R.T. -0.03 min

Lab File: VD059974.D

Acq: 5 Sep 2018 17:33

Instrument :

MSVOA_D

ClientSampleId :

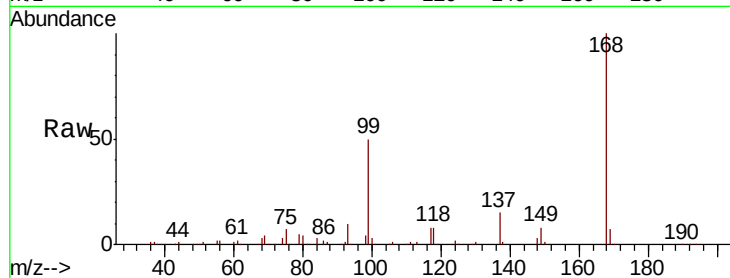
EP1-SUT-8USTS-W

Tot Ion:168 Resp: 1408126

Ion Ratio Lower Upper

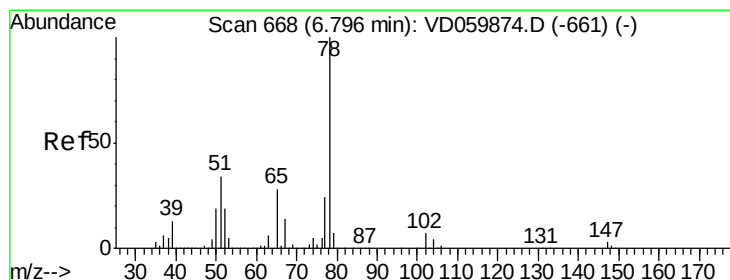
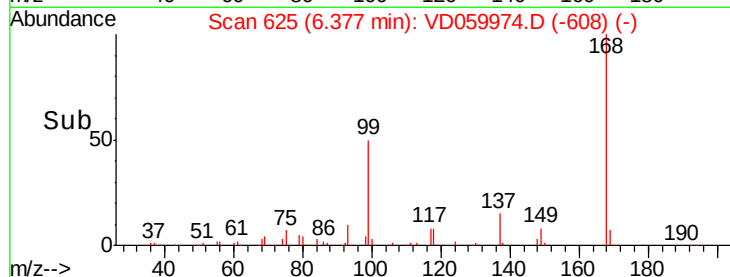
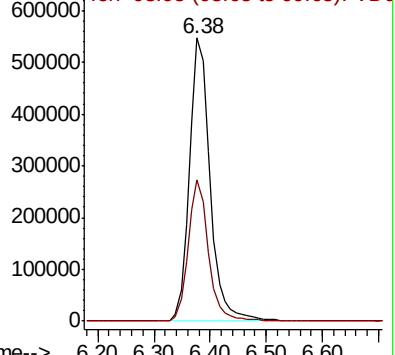
168 100

99 50.1 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): 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: VD059974.D

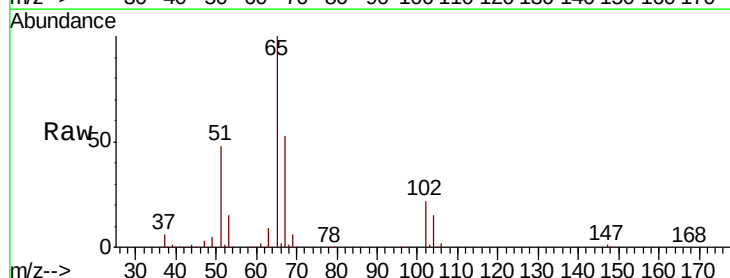
Acq: 5 Sep 2018 17:33

Tgt Ion: 65 Resp: 611883

Ion Ratio Lower Upper

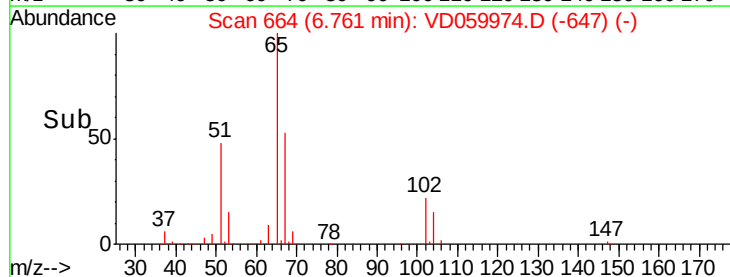
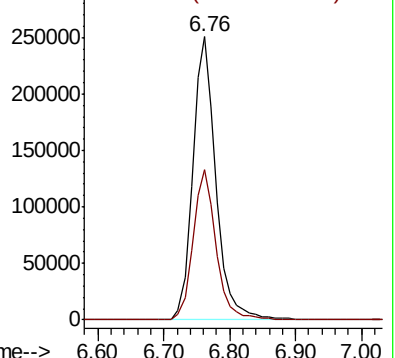
65 100

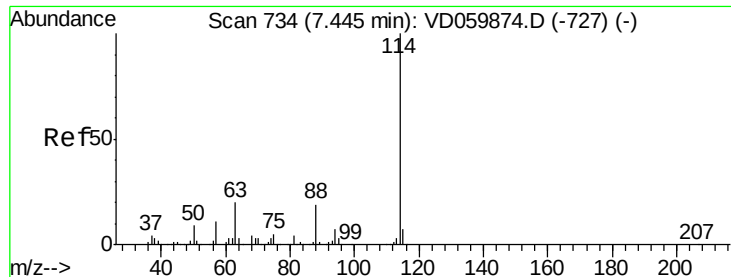
67 53.3 0.0 103.8



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: 7.42 min Scan# 731

Delta R.T. -0.02 min

Lab File: VD059974.D

Acq: 5 Sep 2018 17:33

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-8USTS-W

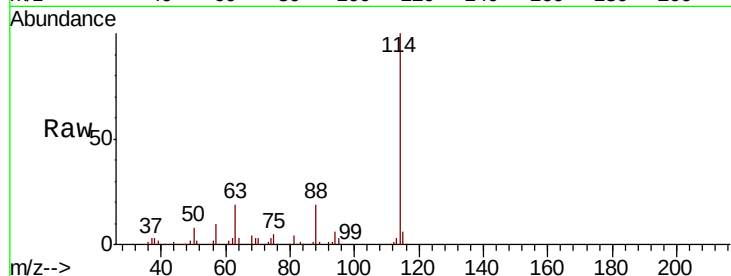
Tot Ion:114 Resp: 1944398

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.4

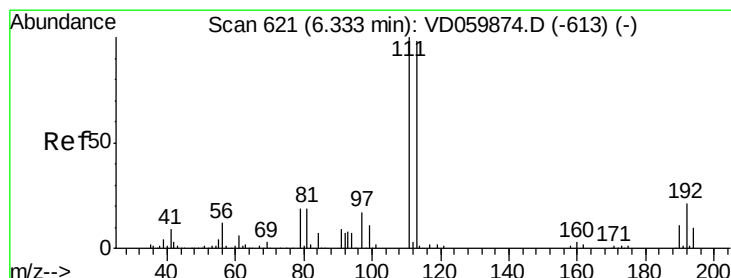
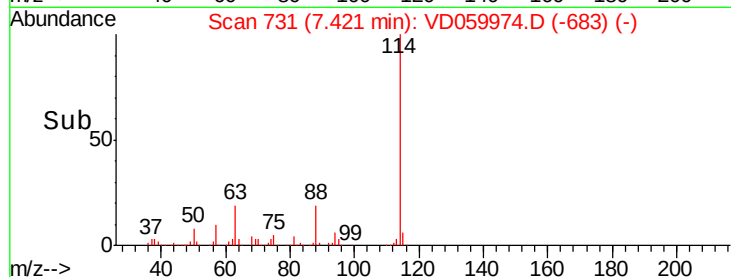
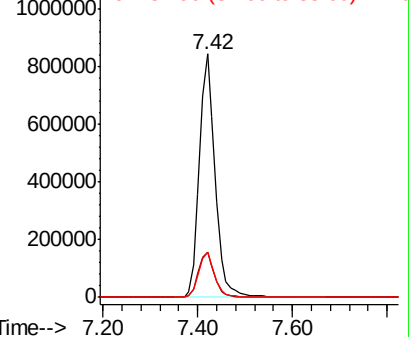
88 18.5 0.0 37.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.30 min Scan# 617

Delta R.T. -0.03 min

Lab File: VD059974.D

Acq: 5 Sep 2018 17:33

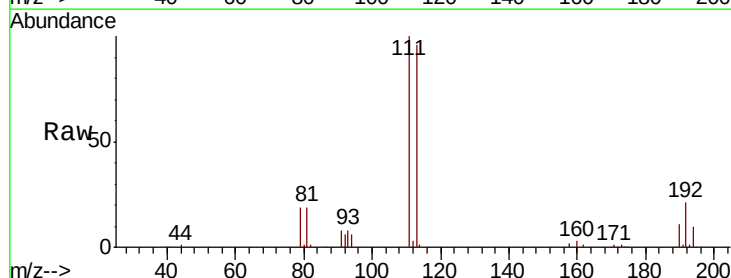
Tgt Ion:113 Resp: 783758

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.2

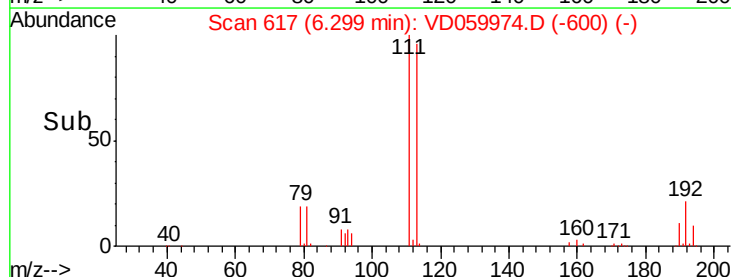
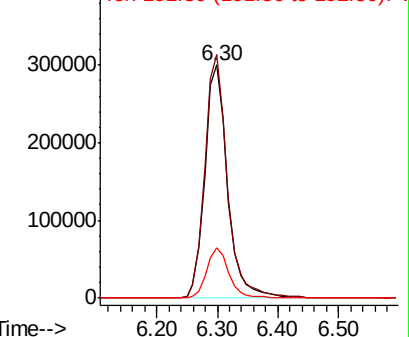
192 21.4 17.0 25.6

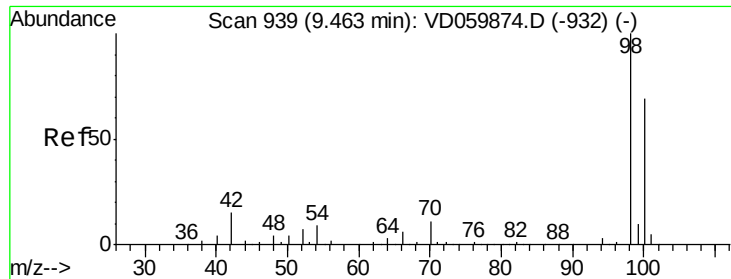


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

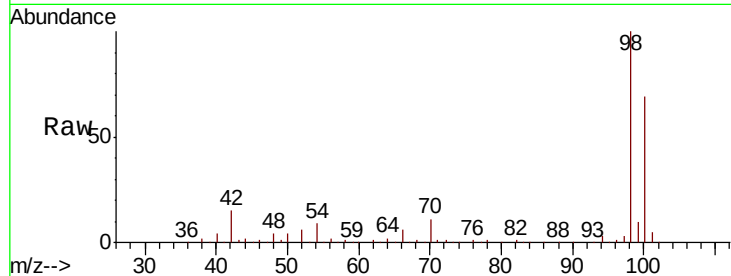




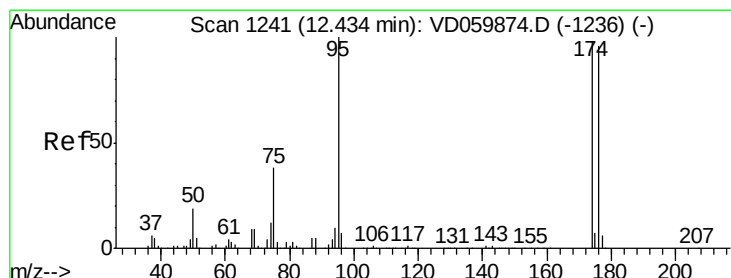
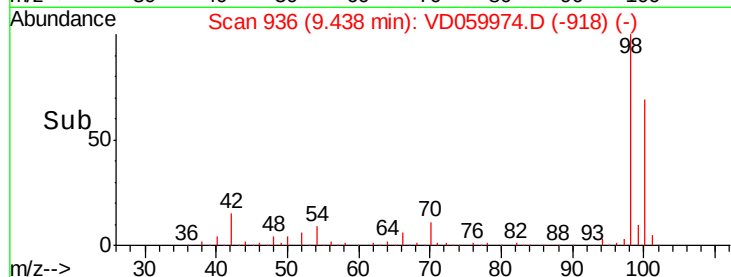
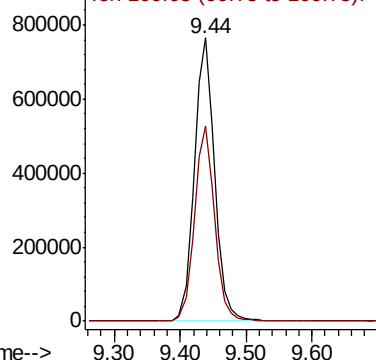
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 936
Delta R.T. -0.02 min
Lab File: VD059974.D
Acq: 5 Sep 2018 17:33

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-W

Tot Ion: 98 Resp: 1641448
Ion Ratio Lower Upper
98 100
100 68.7 55.8 83.6

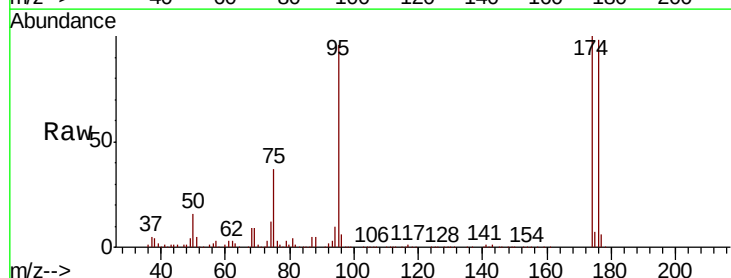


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

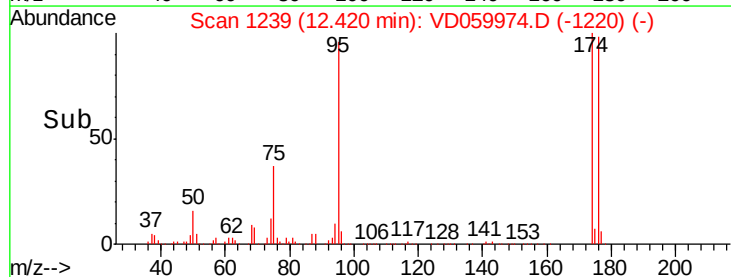
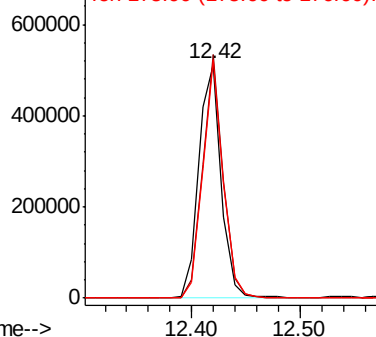


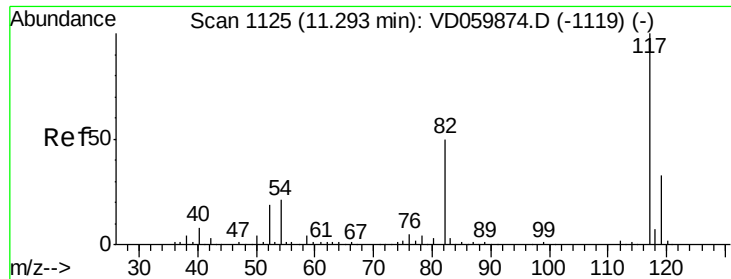
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.01 min
Lab File: VD059974.D
Acq: 5 Sep 2018 17:33

Tgt Ion: 95 Resp: 737720
Ion Ratio Lower Upper
95 100
174 104.2 0.0 195.6
176 102.0 0.0 191.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

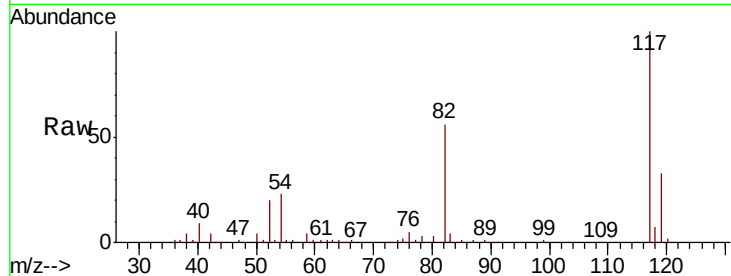




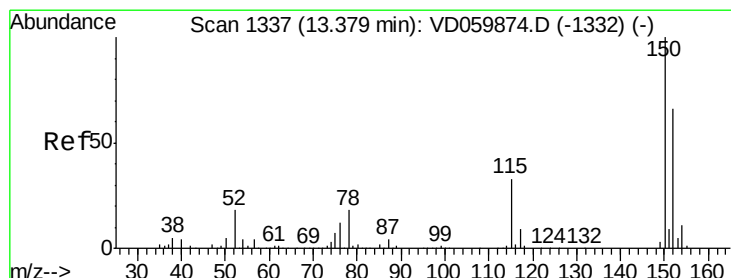
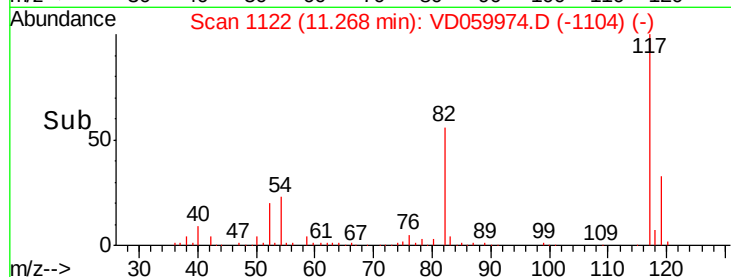
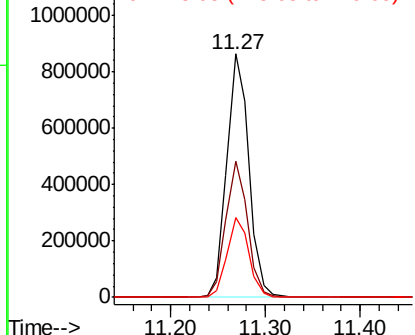
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VD059974.D
Acq: 5 Sep 2018 17:33

Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-8USTS-W

Tot Ion:117 Resp: 1395154
Ion Ratio Lower Upper
117 100
82 55.7 40.1 60.1
119 32.5 26.7 40.1

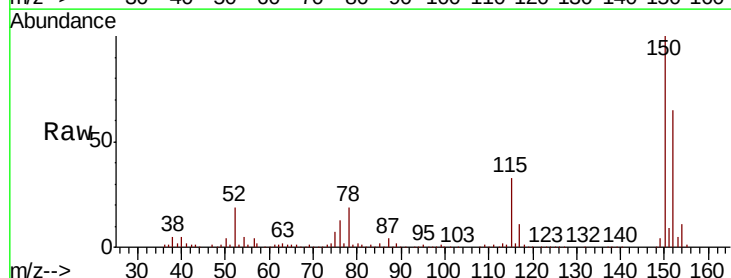


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.36 min Scan# 1335
Delta R.T. -0.01 min
Lab File: VD059974.D
Acq: 5 Sep 2018 17:33

Tgt Ion:152 Resp: 758449
Ion Ratio Lower Upper
152 100
115 51.0 25.7 77.0
150 153.1 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

