

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090418\
 Data File : VD059955.D
 Acq On : 4 Sep 2018 20:17
 Operator : JC/SY
 Sample : J4724-09
 Misc : 5.82g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP1-SUT-UST-08

Quant Time: Sep 05 05:19:27 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	6.38	168	1040679	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.41	114	1428344	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1189946	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	643289	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.75	65	375040	42.76	ug/l	-0.05
Spiked Amount						
			Recovery	=	85.52%	
35) Dibromofluoromethane	6.29	113	477140	42.61	ug/l	-0.05
Spiked Amount						
			Recovery	=	85.22%	
50) Toluene-d8	9.43	98	1238304	39.84	ug/l	-0.04
Spiked Amount						
			Recovery	=	79.68%	
62) 4-Bromofluorobenzene	12.42	95	496092	39.30	ug/l	-0.02
Spiked Amount						
			Recovery	=	78.60%	

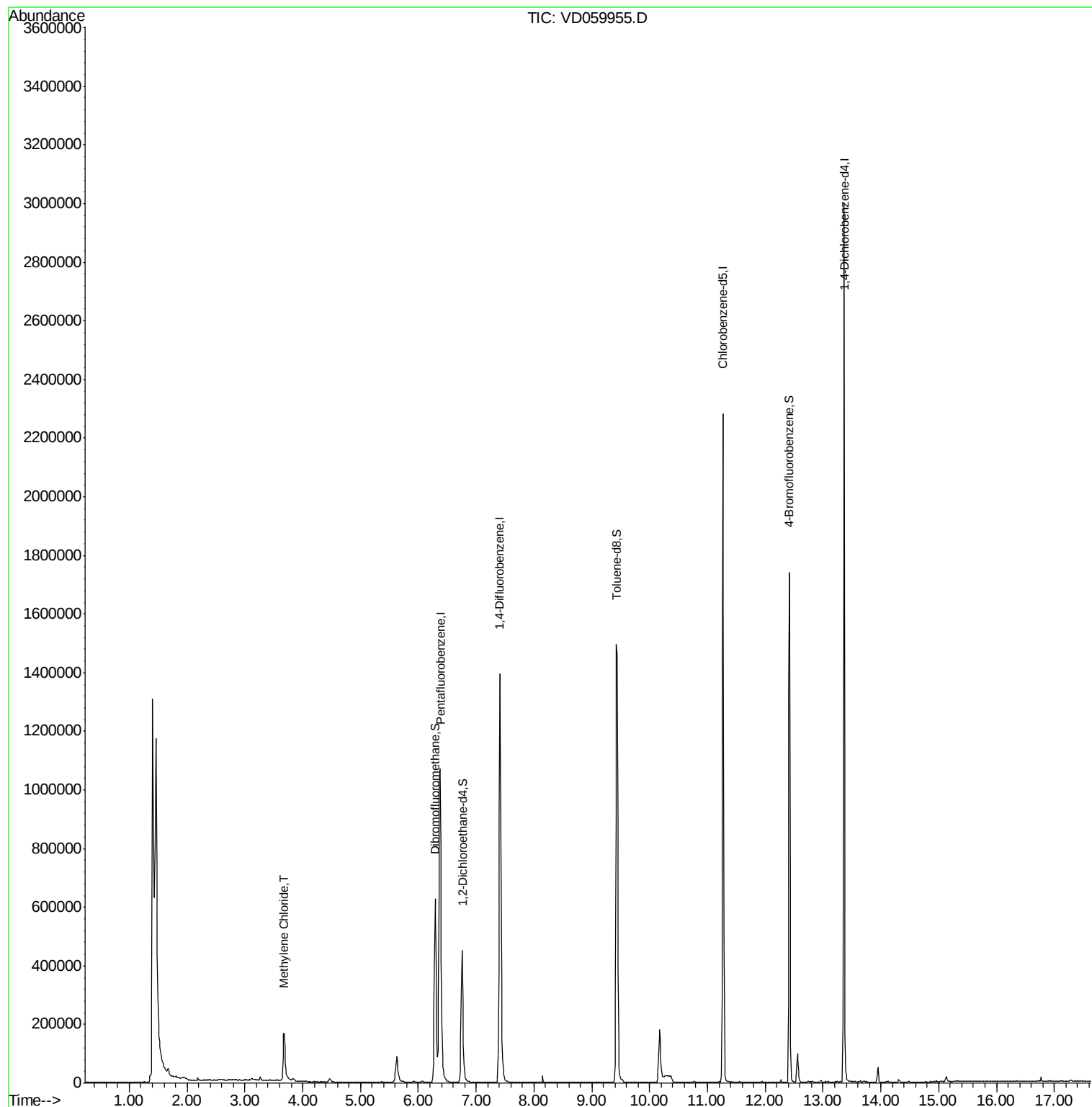
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.68	84	87507	4.84	ug/l	92

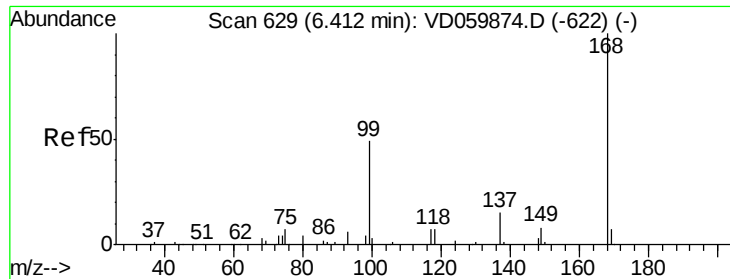
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. -0.04 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

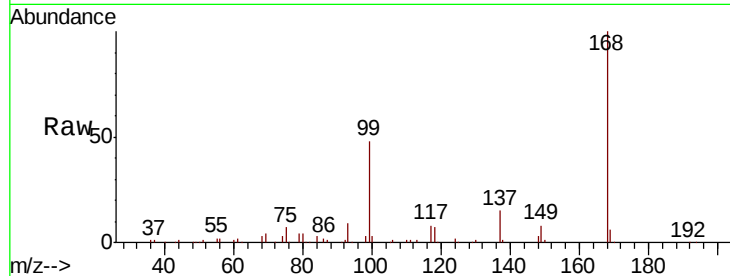
EP1-SUT-UST-08

Tot Ion:168 Resp: 1040679

Ion Ratio Lower Upper

168 100

99 47.9 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

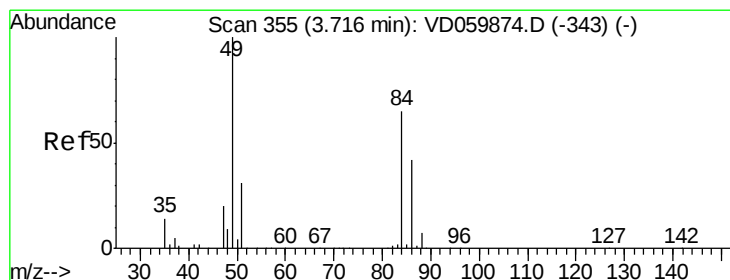
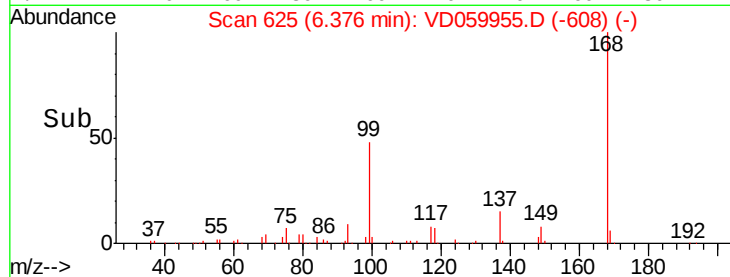
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 4.84 ug/l

RT: 3.68 min Scan# 351

Delta R.T. -0.04 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Tgt Ion: 84 Resp: 87507

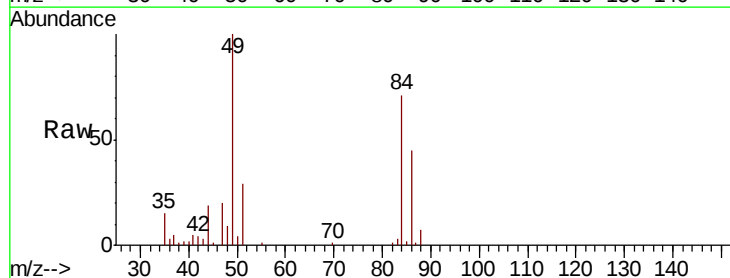
Ion Ratio Lower Upper

84 100

49 140.1 122.6 183.8

51 41.0 38.4 57.6

86 63.0 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

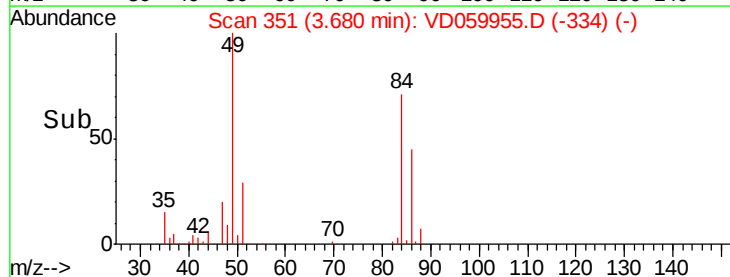
60000

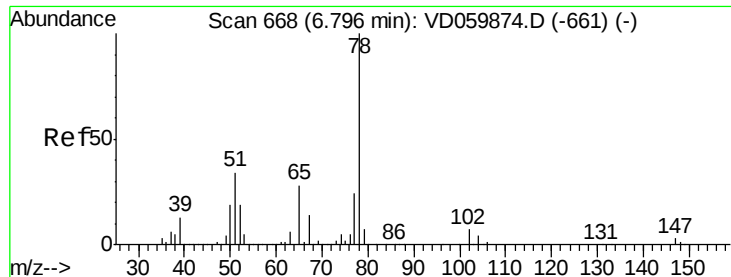
40000

20000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.75 min Scan# 663

Delta R.T. -0.05 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

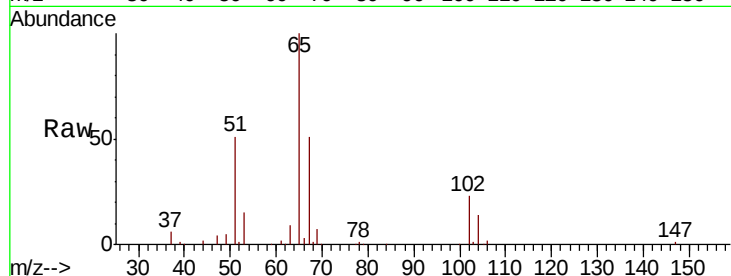
EP1-SUT-UST-08

Tot Ion: 65 Resp: 375040

Ion Ratio Lower Upper

65 100

67 51.4 0.0 103.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.75

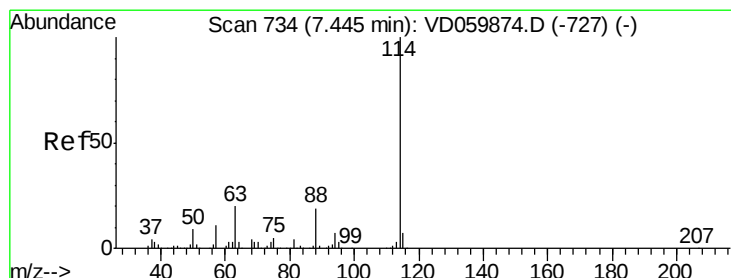
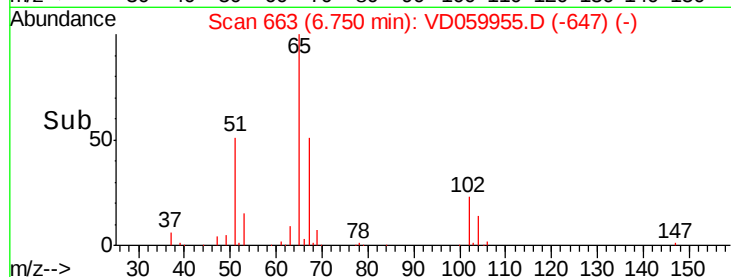
150000

100000

50000

0

Time--> 6.60 6.70 6.80 6.90



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.41 min Scan# 730

Delta R.T. -0.04 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

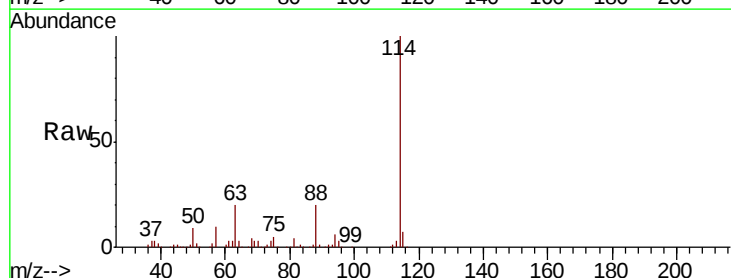
Tgt Ion: 114 Resp: 1428344

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.4

88 19.5 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

800000

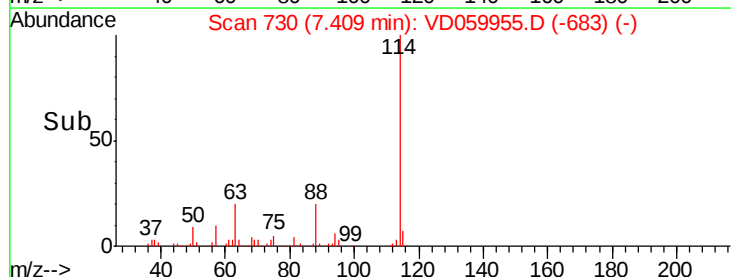
600000

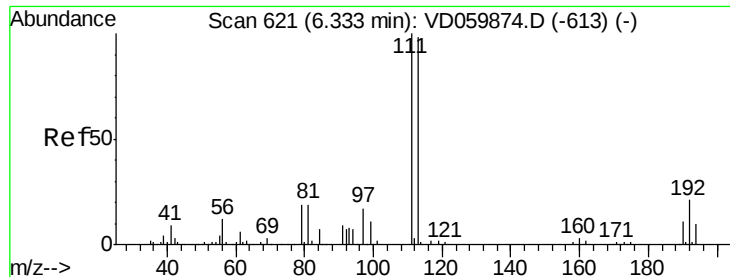
400000

200000

0

Time--> 7.20 7.40 7.60





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 6.29 min Scan# 616

Delta R.T. -0.05 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

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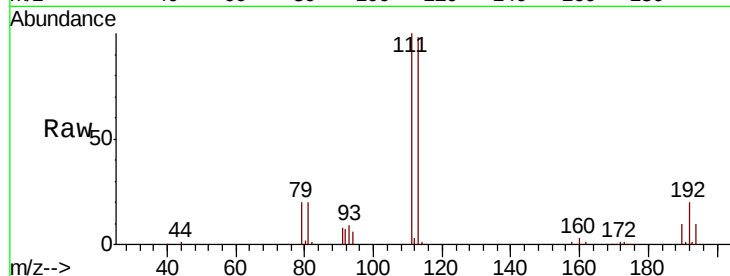
Tot Ion:113 Resp: 477140

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.2

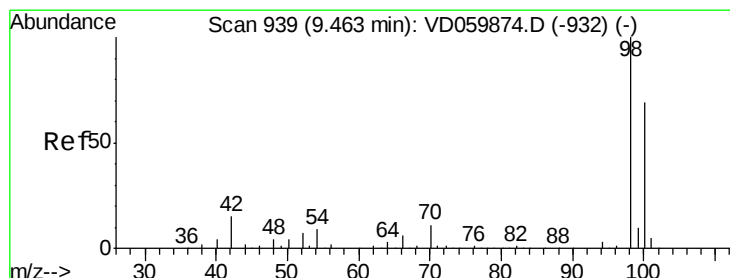
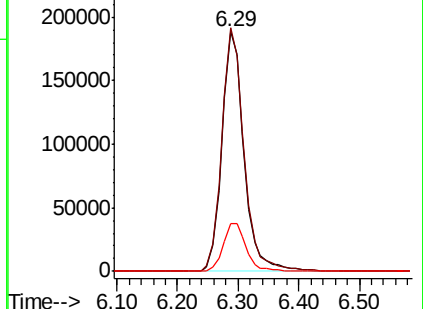
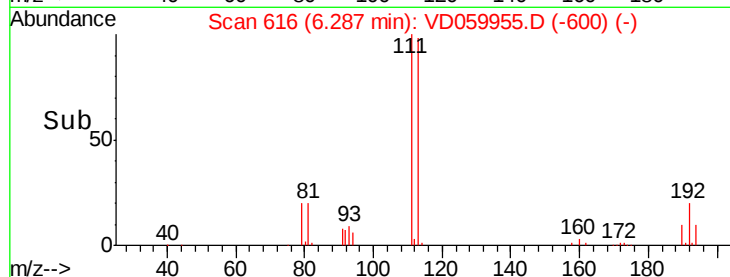
192 19.9 17.0 25.6



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. -0.04 min

Lab File: VD059955.D

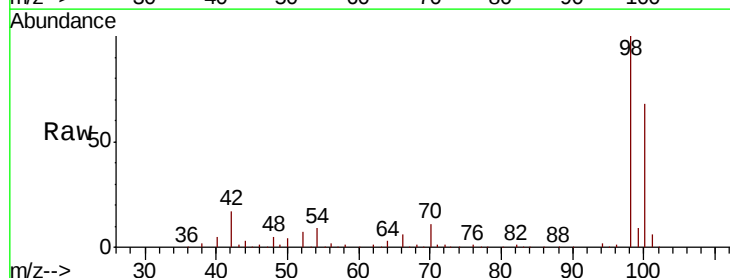
Acq: 4 Sep 2018 20:17

Tgt Ion: 98 Resp: 1238304

Ion Ratio Lower Upper

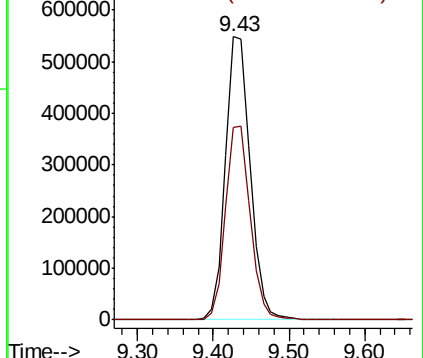
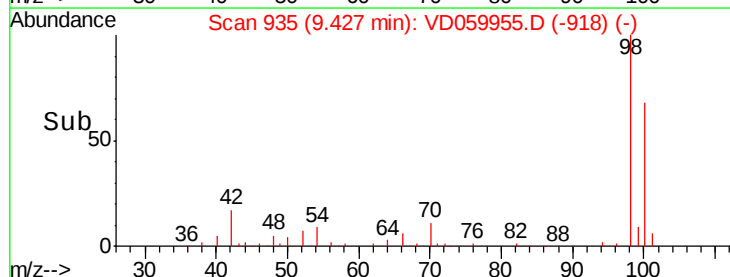
98 100

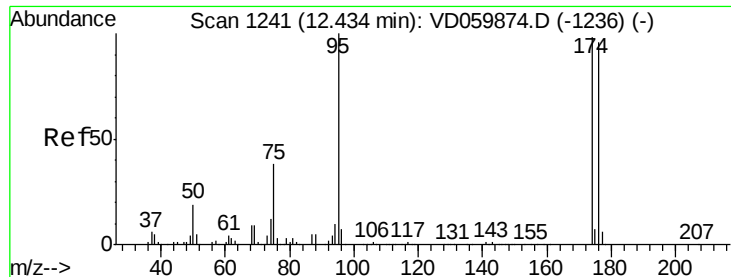
100 68.2 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

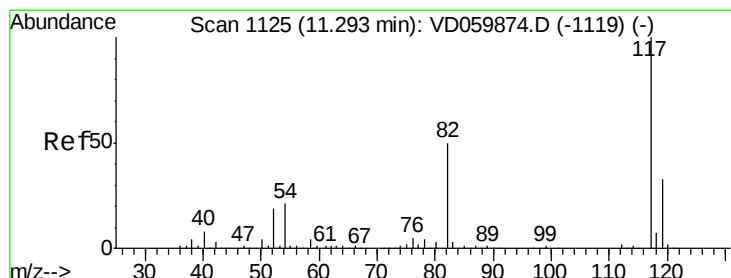
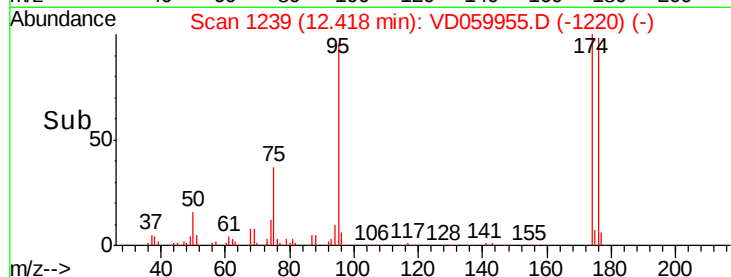
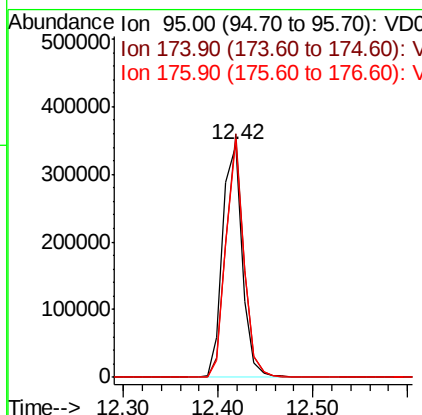
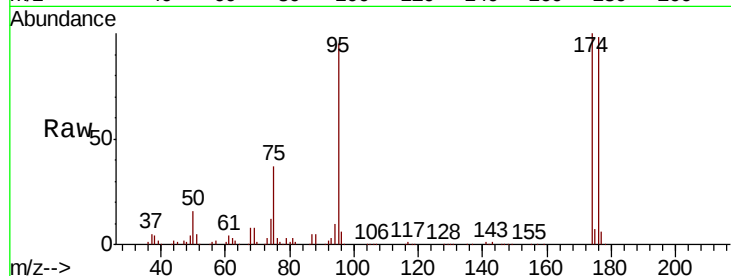




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VD059955.D
Acq: 4 Sep 2018 20:17

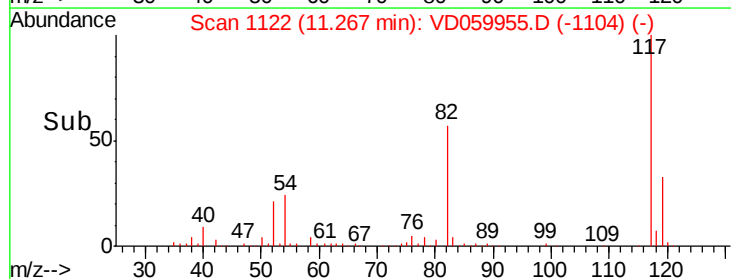
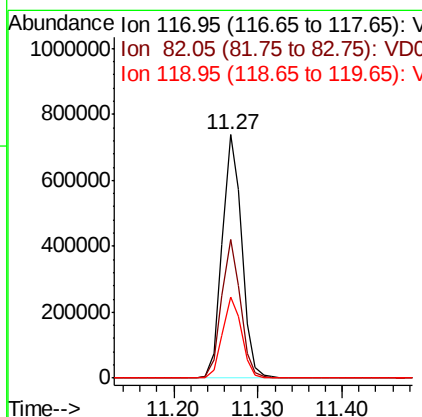
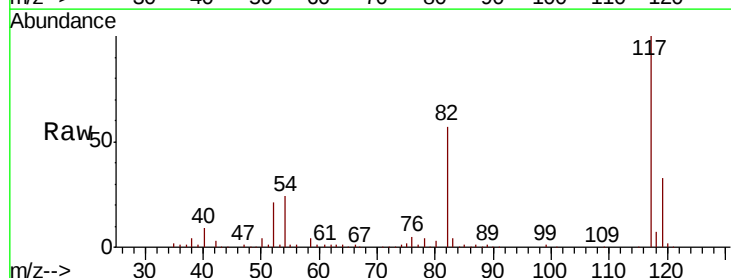
Instrument :
MSVOA_D
ClientSampleId :
EP1-SUT-UST-08

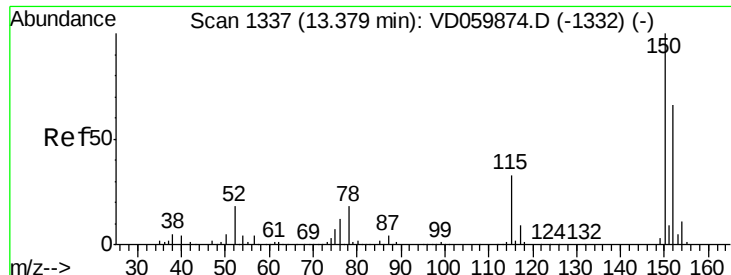
Tot Ion: 95 Resp: 496092
Ion Ratio Lower Upper
95 100
174 104.8 0.0 195.6
176 102.7 0.0 191.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 1122
Delta R.T. -0.03 min
Lab File: VD059955.D
Acq: 4 Sep 2018 20:17

Tgt Ion: 117 Resp: 1189946
Ion Ratio Lower Upper
117 100
82 56.7 40.1 60.1
119 33.2 26.7 40.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.36 min Scan# 1335

Delta R.T. -0.02 min

Lab File: VD059955.D

Acq: 4 Sep 2018 20:17

Instrument :

MSVOA_D

ClientSampleId :

EP1-SUT-UST-08

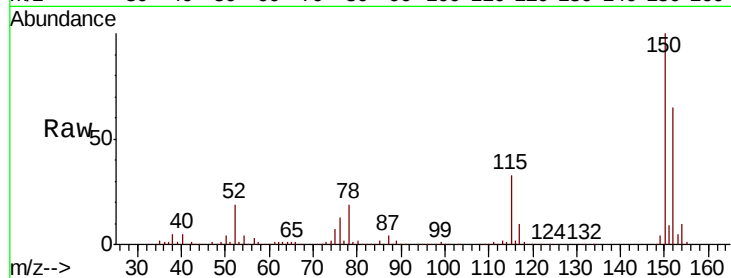
Tot Ion:152 Resp: 643289

Ion Ratio Lower Upper

152 100

115 50.8 25.7 77.0

150 154.0 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

