

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008382.D
 Acq On : 24 Mar 2019 11:26
 Operator : JC/SP
 Sample : K1945-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-20190226

Quant Time: Mar 25 06:38:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	226235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	389848	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136262	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	167964	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.49	113	122147	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	8.71	98	493726	49.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.13	95	163437	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	

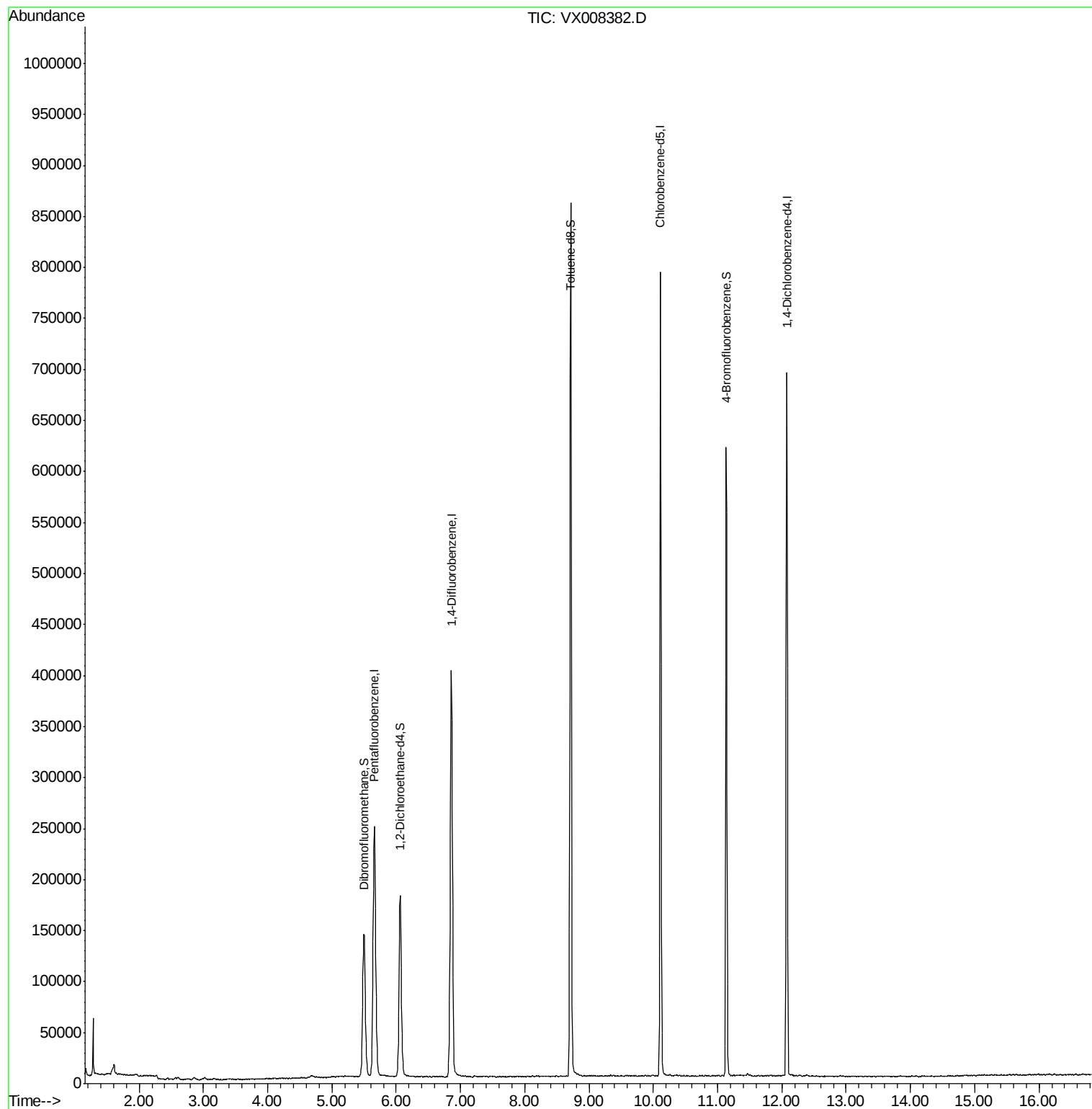
Target Compounds	Qvalue
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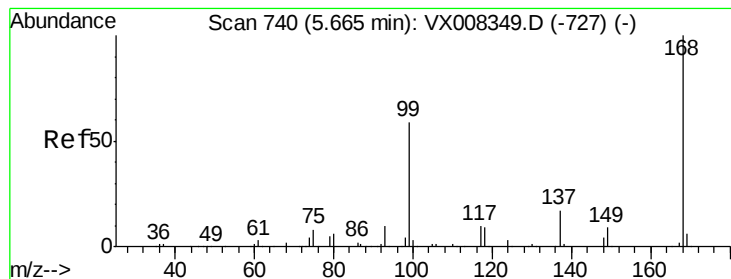
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

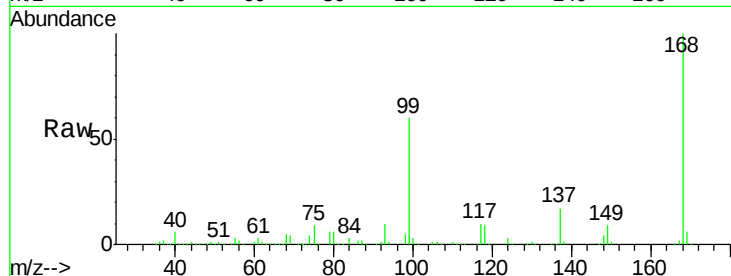
TB-20190226

Tot Ion:168 Resp: 226235

Ion Ratio Lower Upper

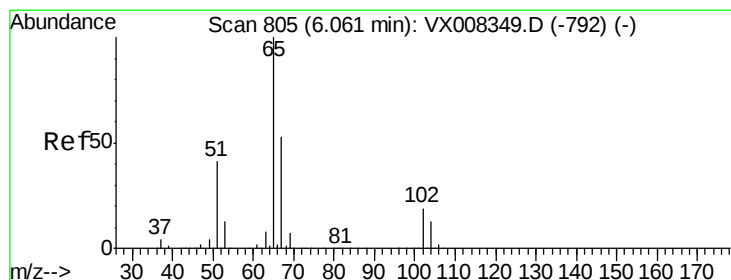
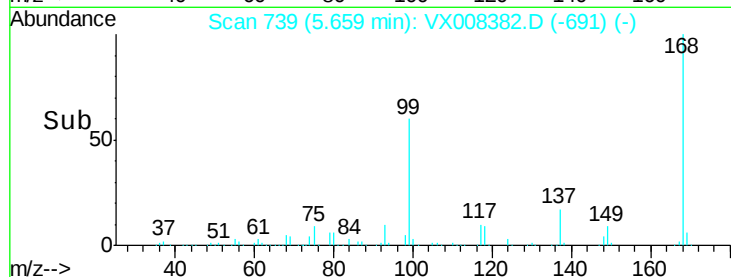
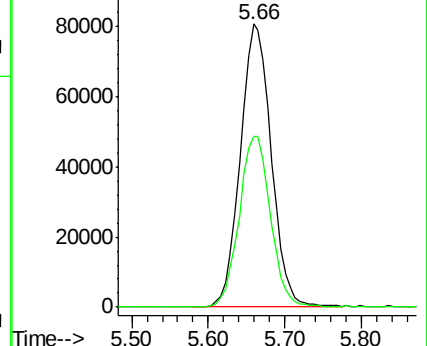
168 100

99 60.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.678 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008382.D

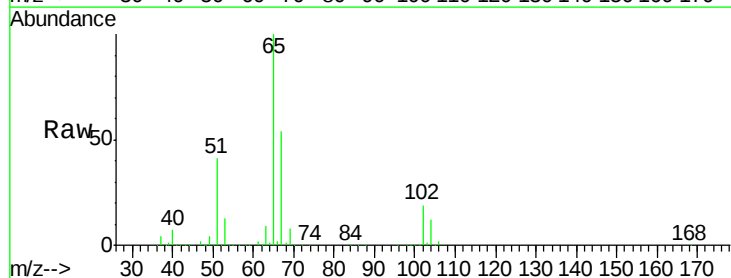
Acq: 24 Mar 2019 11:26

Tgt Ion: 65 Resp: 167964

Ion Ratio Lower Upper

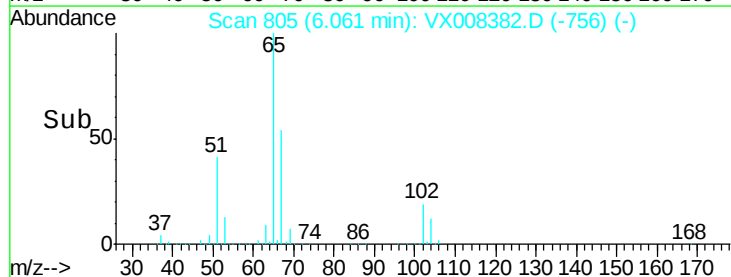
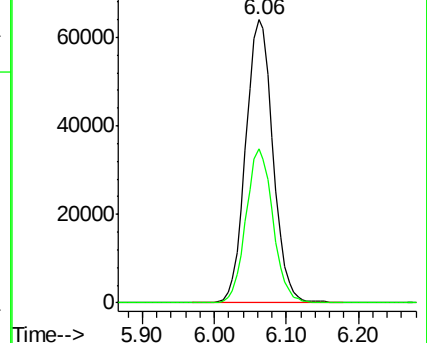
65 100

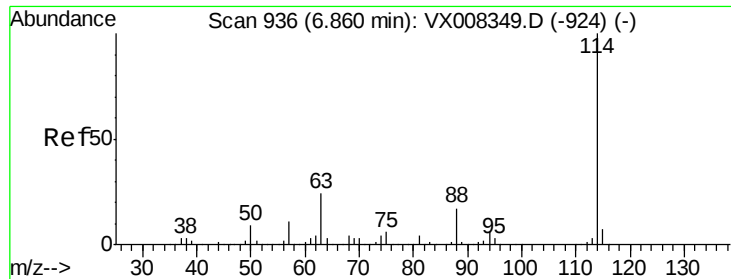
67 54.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

TB-20190226

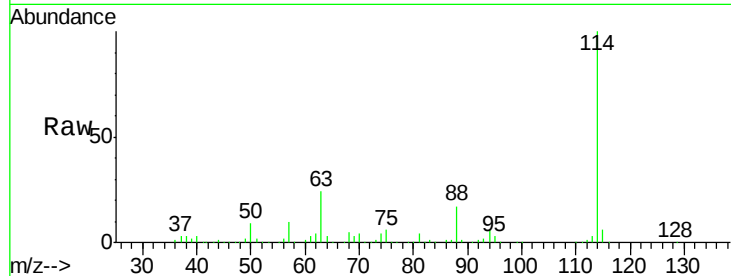
Tot Ion:114 Resp: 389848

Ion Ratio Lower Upper

114 100

63 23.8 0.0 39.8

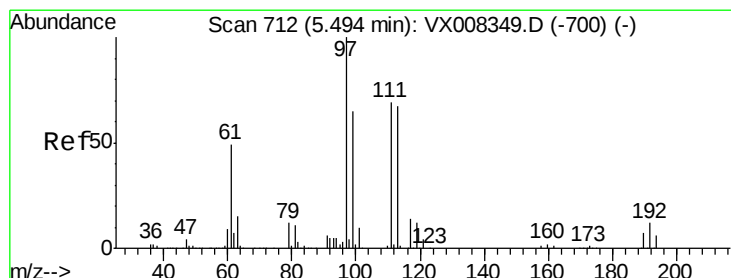
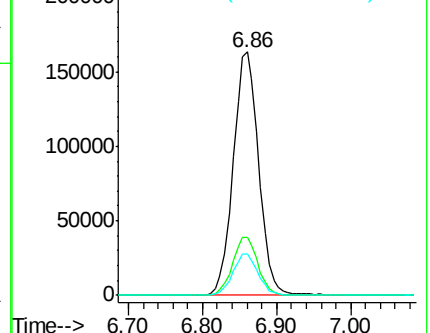
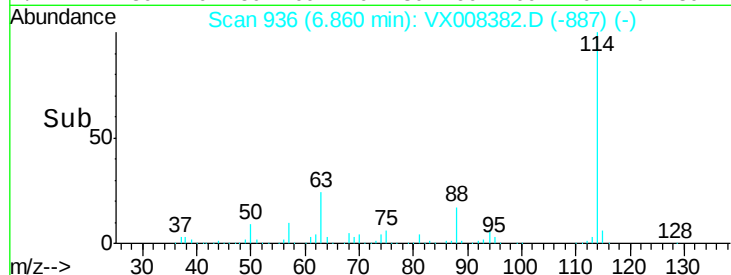
88 16.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.360 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

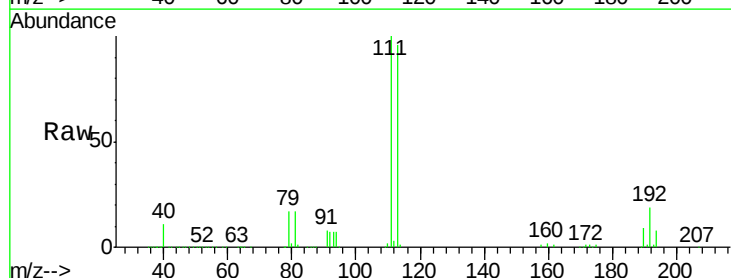
Tgt Ion:113 Resp: 122147

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

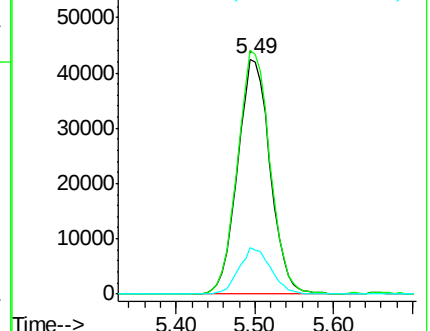
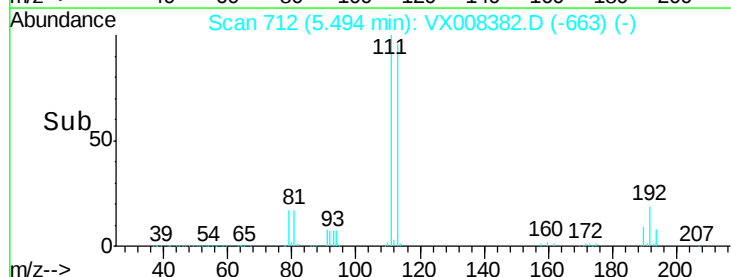
192 19.3 19.4 29.0#

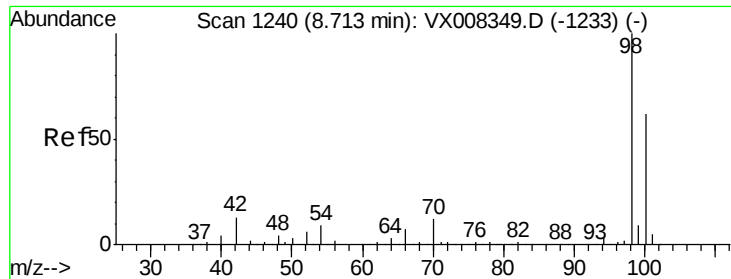


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

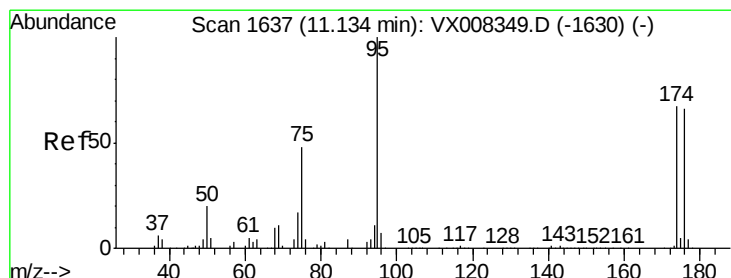
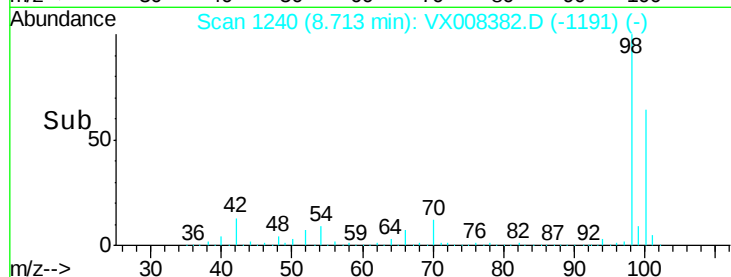
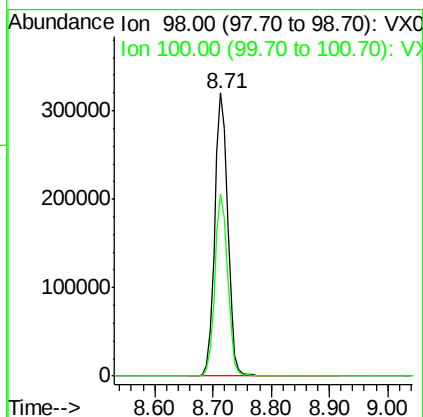
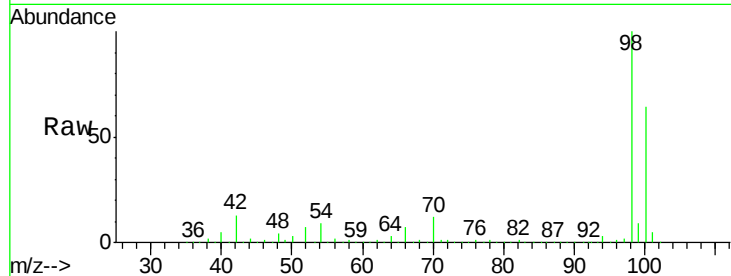




#50
Toluene-d8
Concen: 49.421 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008382.D
Acq: 24 Mar 2019 11:26

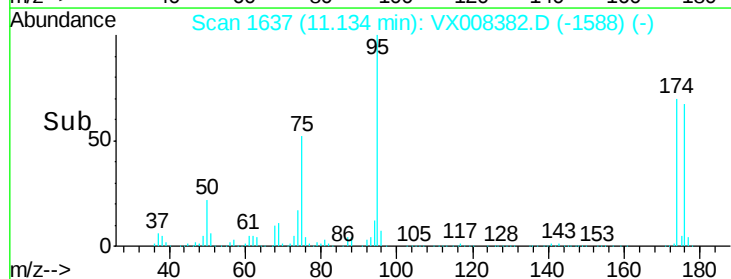
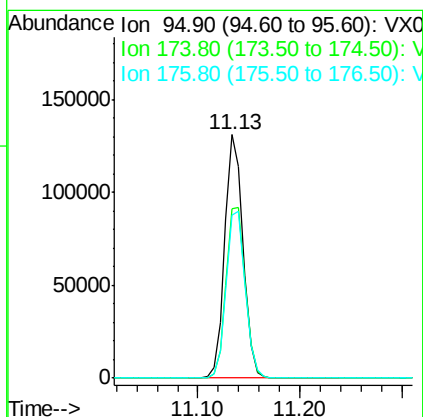
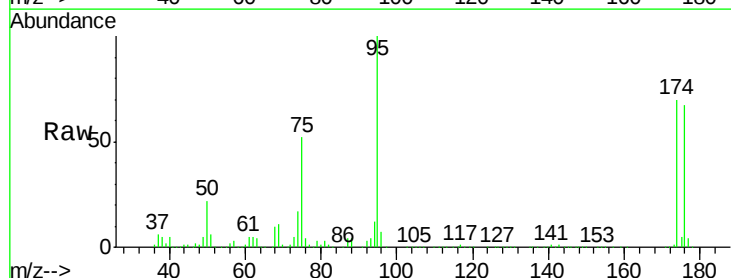
Instrument :
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TB-20190226

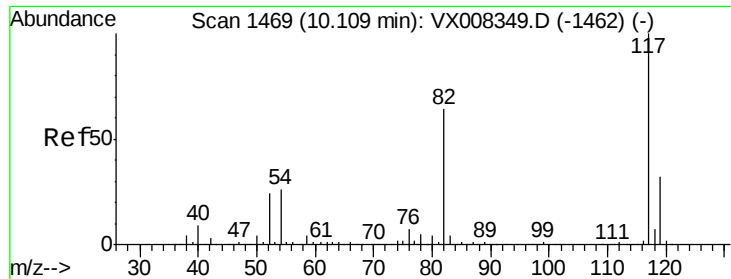
Tot Ion: 98 Resp: 493726
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.557 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008382.D
Acq: 24 Mar 2019 11:26

Tgt Ion: 95 Resp: 163437
Ion Ratio Lower Upper
95 100
174 73.3 0.0 182.8
176 70.9 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

TB-20190226

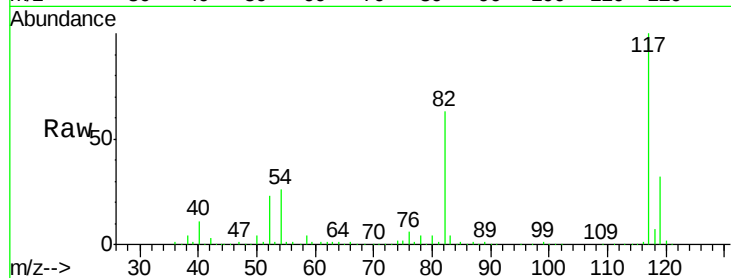
Tot Ion:117 Resp: 335341

Ion Ratio Lower Upper

117 100

82 62.5 44.3 66.5

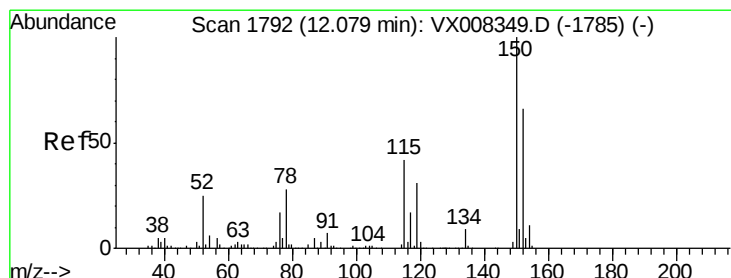
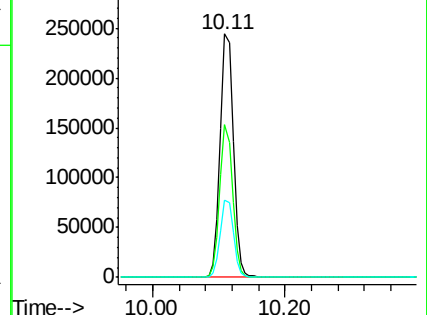
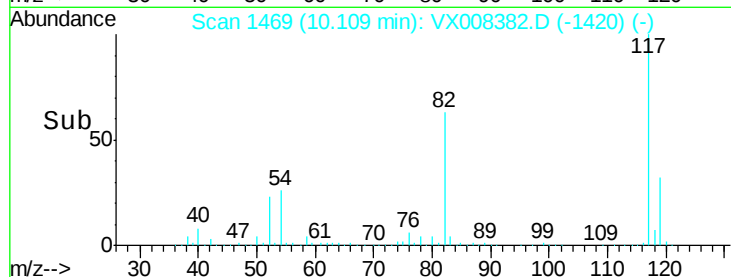
119 31.9 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008382.D

Acq: 24 Mar 2019 11:26

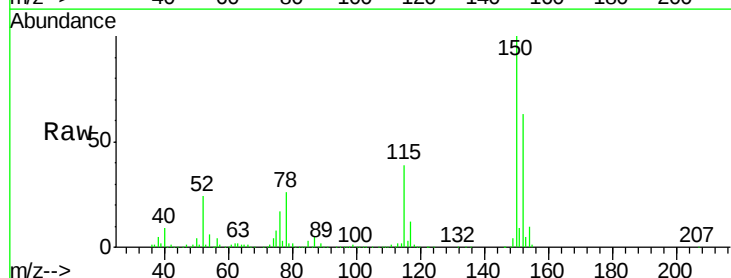
Tgt Ion:152 Resp: 136262

Ion Ratio Lower Upper

152 100

115 62.3 38.6 115.7

150 155.8 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

