

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008241.D
 Acq On : 20 Mar 2019 14:50
 Operator : JC/SP
 Sample : K1963-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB05-20190314

Quant Time: Mar 22 07:03:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	539667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	466538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191448	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	229263	46.32	ug/l	0.00
Spiked Amount			Recovery	=	92.64%	
35) Dibromofluoromethane	5.50	113	170927	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
50) Toluene-d8	8.71	98	670898	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	217561	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	

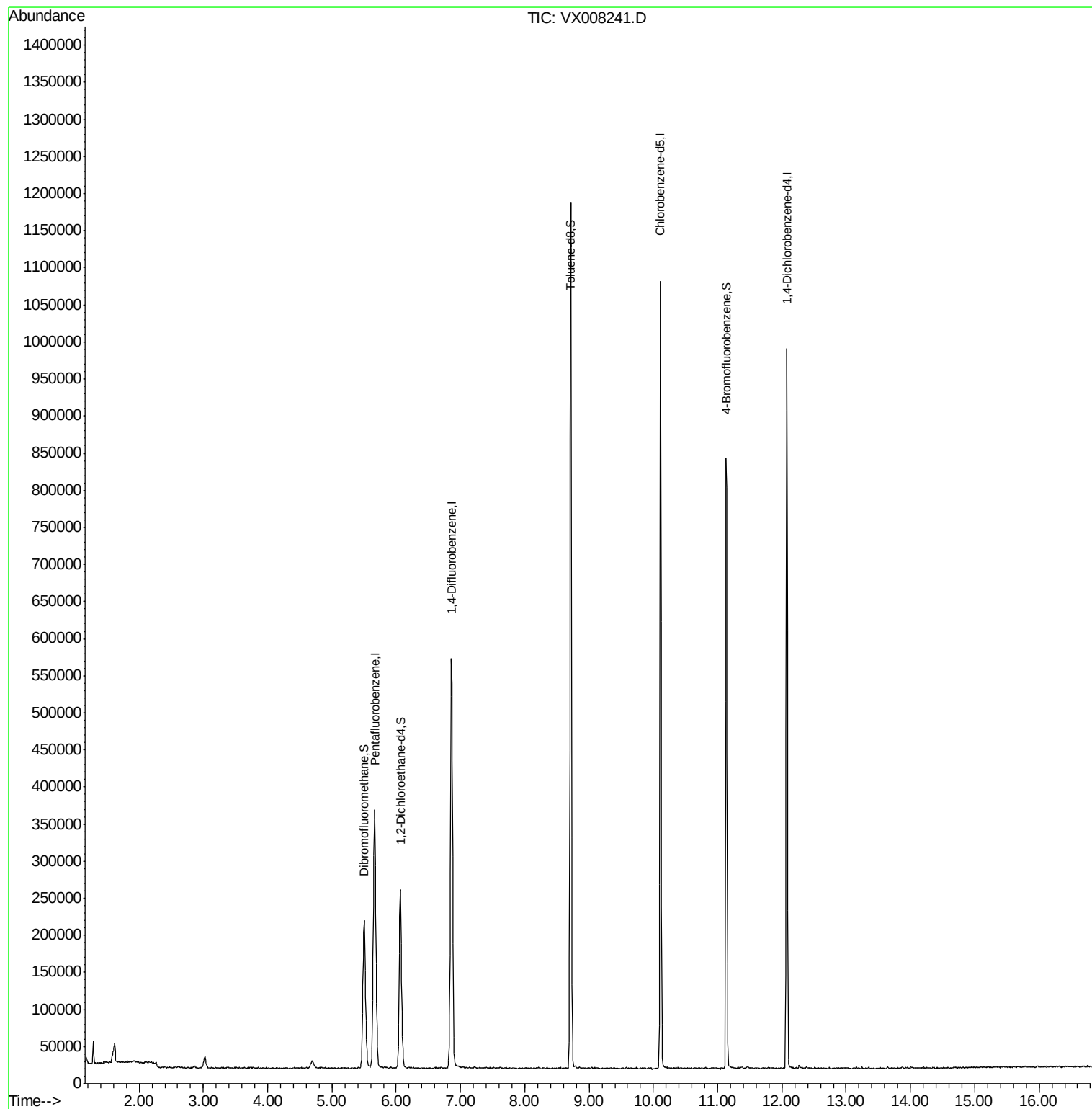
Target Compounds	Qvalue
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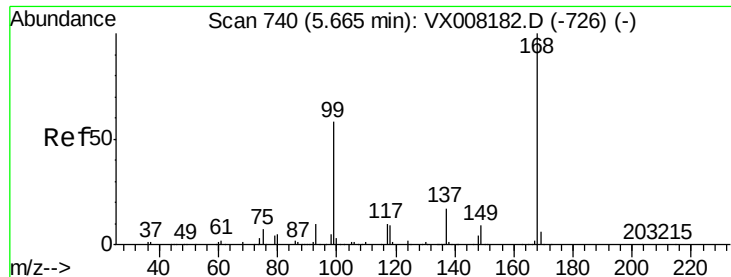
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 19 13:15:13 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008241.D

Acq: 20 Mar 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

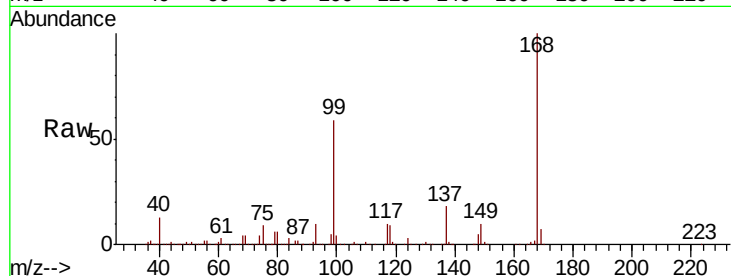
BP-TB05-20190314

Tot Ion:168 Resp: 328623

Ion Ratio Lower Upper

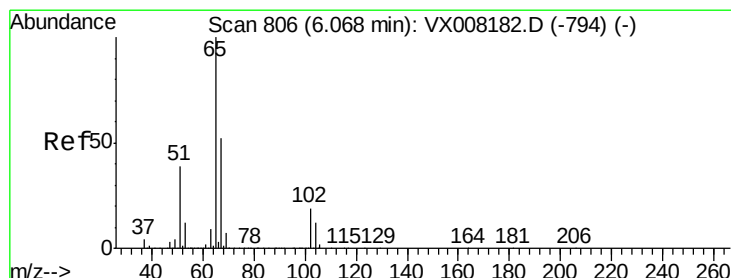
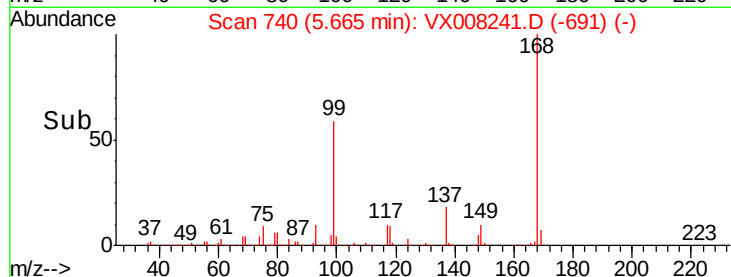
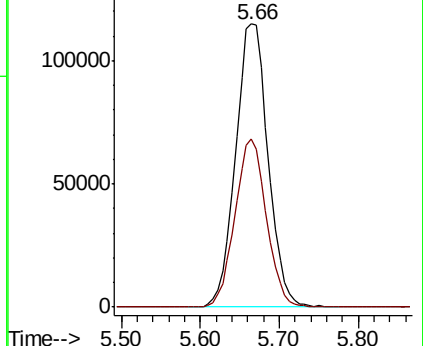
168 100

99 59.2 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: 46.322 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008241.D

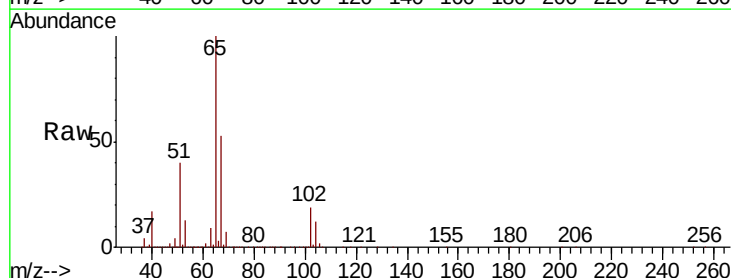
Acq: 20 Mar 2019 14:50

Tgt Ion: 65 Resp: 229263

Ion Ratio Lower Upper

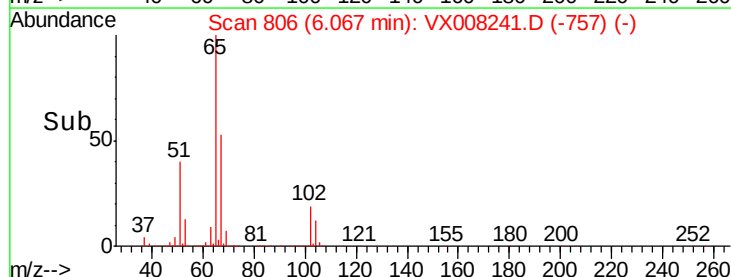
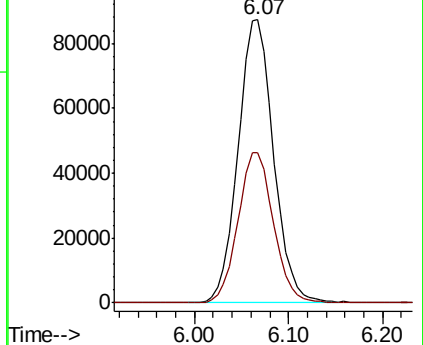
65 100

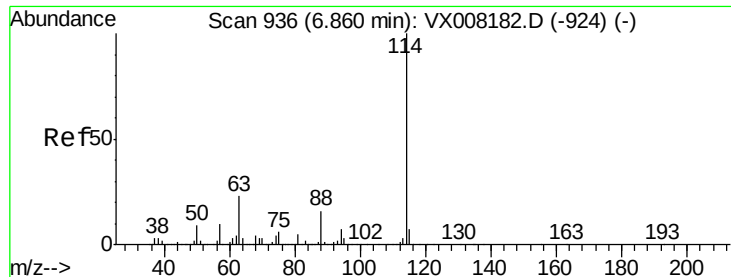
67 53.1 0.0 110.0



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: VX008241.D

Acq: 20 Mar 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

BP-TB05-20190314

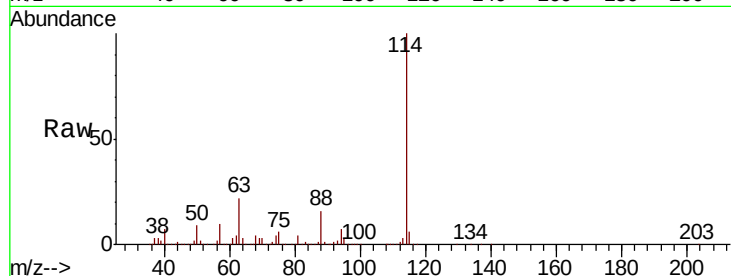
Tot Ion:114 Resp: 539667

Ion Ratio Lower Upper

114 100

63 22.5 0.0 39.8

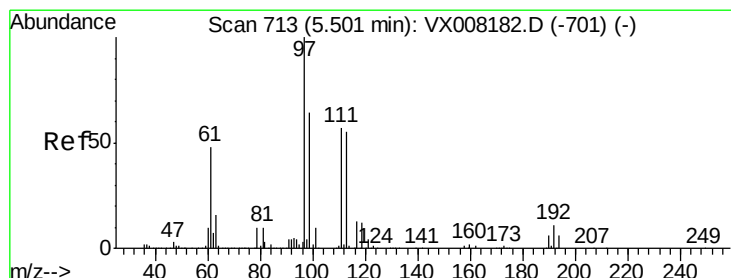
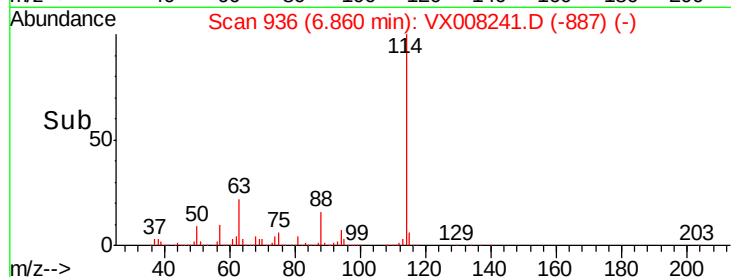
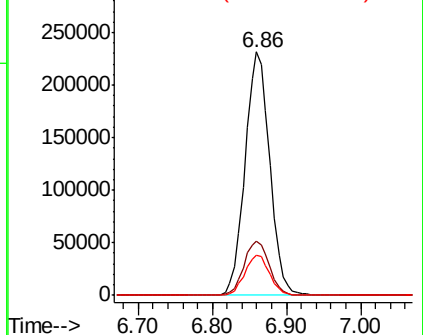
88 16.4 0.0 31.4



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: 47.313 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008241.D

Acq: 20 Mar 2019 14:50

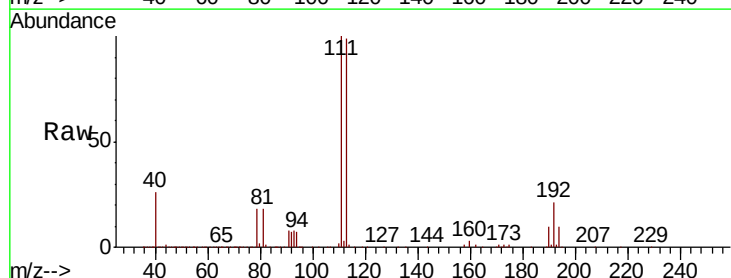
Tgt Ion:113 Resp: 170927

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

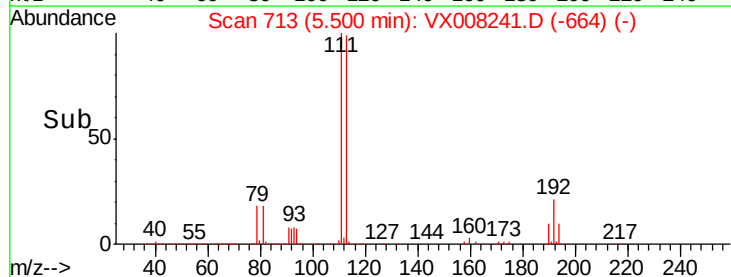
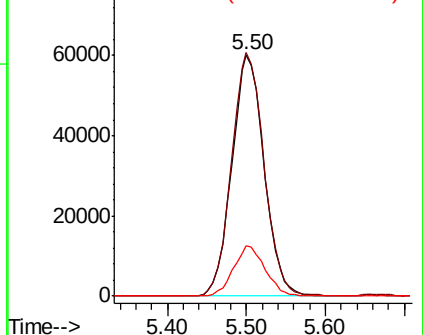
192 20.5 19.4 29.0

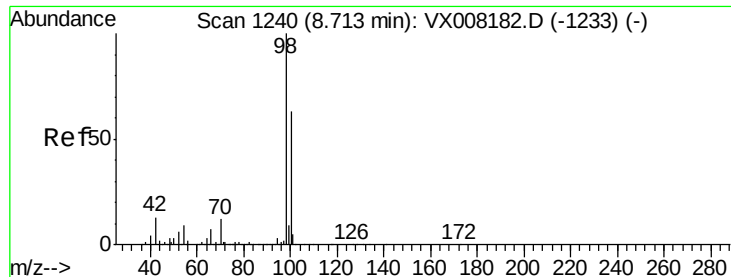


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

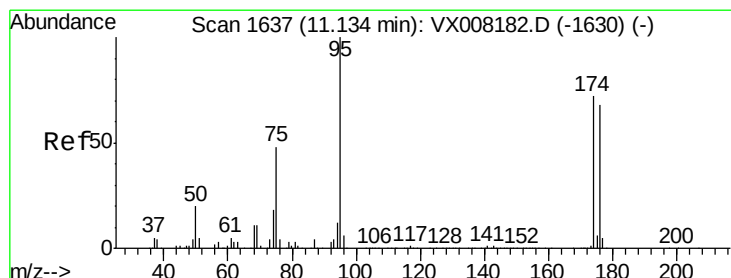
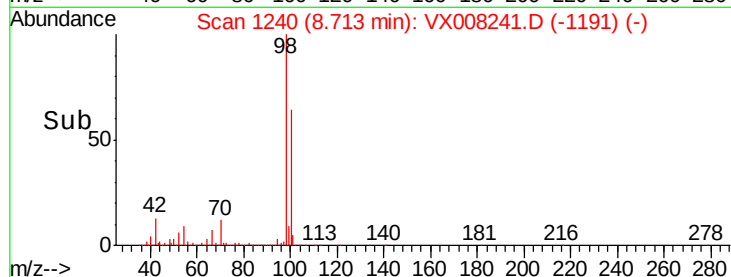
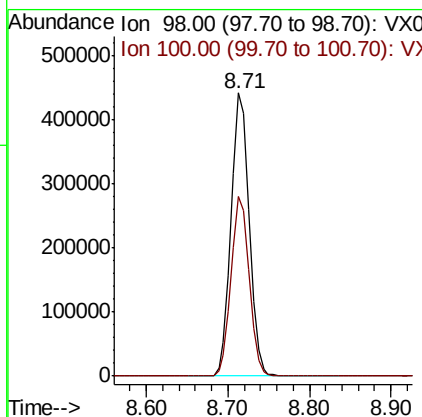
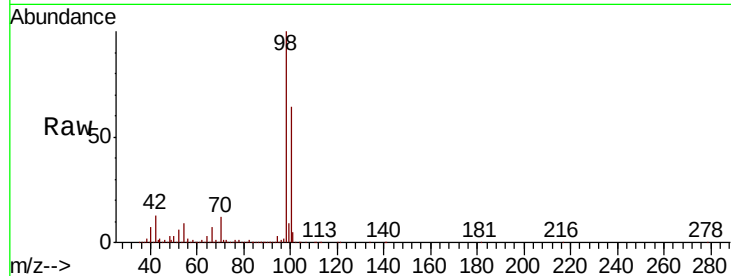




#50
Toluene-d8
Concen: 48.981 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008241.D
Acq: 20 Mar 2019 14:50

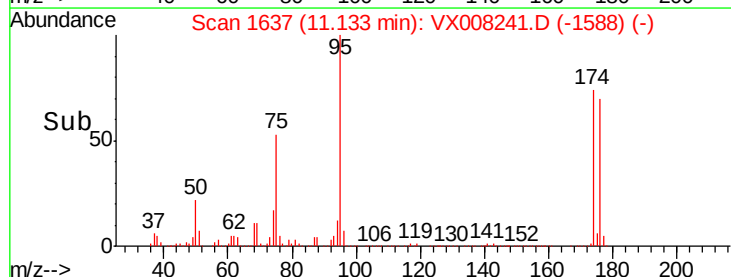
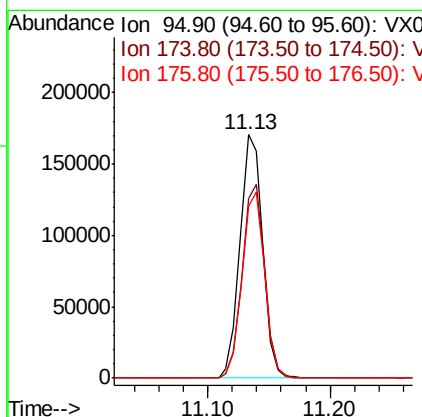
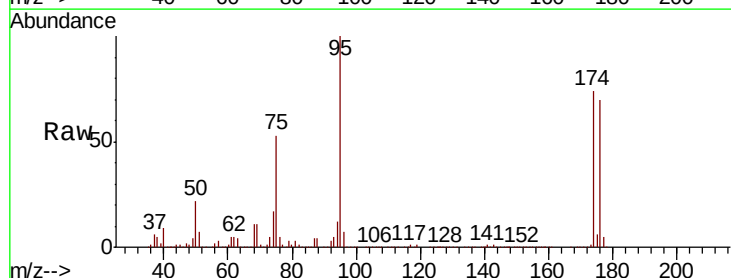
Instrument :
MSVOA_X
ClientSampleId :
BP-TB05-20190314

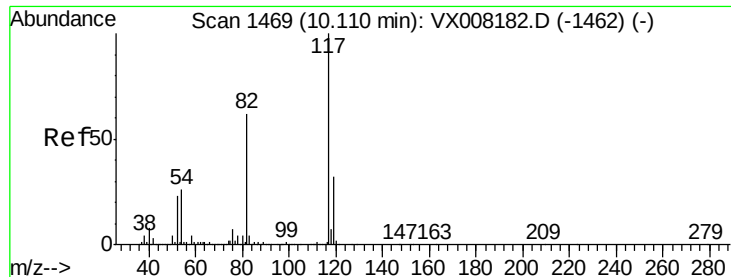
Tot Ion: 98 Resp: 670898
Ion Ratio Lower Upper
98 100
100 63.4 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 46.131 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008241.D
Acq: 20 Mar 2019 14:50

Tgt Ion: 95 Resp: 217561
Ion Ratio Lower Upper
95 100
174 79.2 0.0 182.8
176 76.4 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX008241.D

Acq: 20 Mar 2019 14:50

Instrument :

MSVOA_X

ClientSampleId :

BP-TB05-20190314

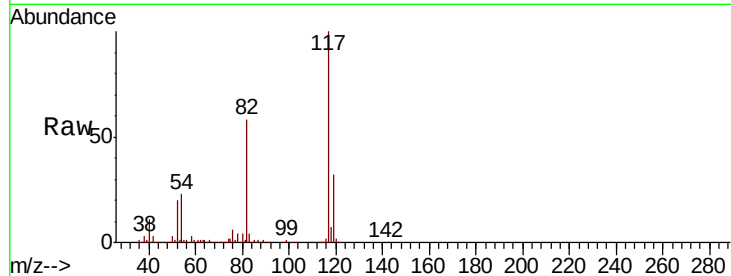
Tot Ion:117 Resp: 466538

Ion Ratio Lower Upper

117 100

82 57.7 44.3 66.5

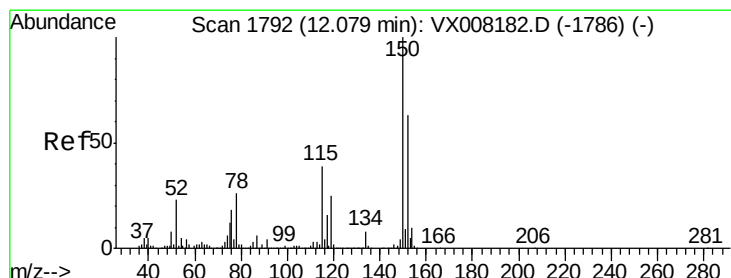
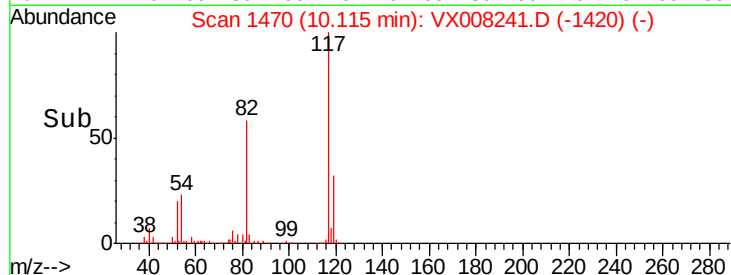
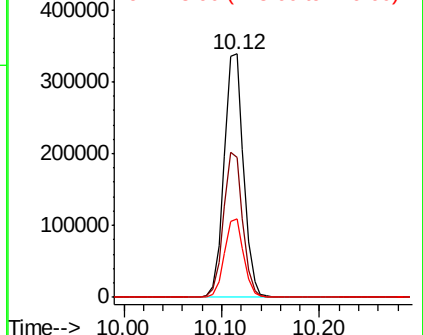
119 32.2 25.3 37.9



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: VX008241.D

Acq: 20 Mar 2019 14:50

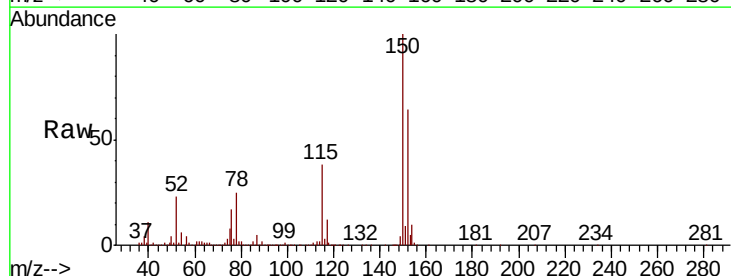
Tgt Ion:152 Resp: 191448

Ion Ratio Lower Upper

152 100

115 60.0 38.6 115.7

150 156.1 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

