

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121418\
 Data File : VX006540.D
 Acq On : 15 Dec 2018 03:27
 Operator : JC/MD
 Sample : J6398-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-02_121218

Quant Time: Dec 17 12:17:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	690809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1093882	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	978108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	462506	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	366430	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
35) Dibromofluoromethane	5.51	113	328508	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	8.71	98	1271678	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	463113	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	

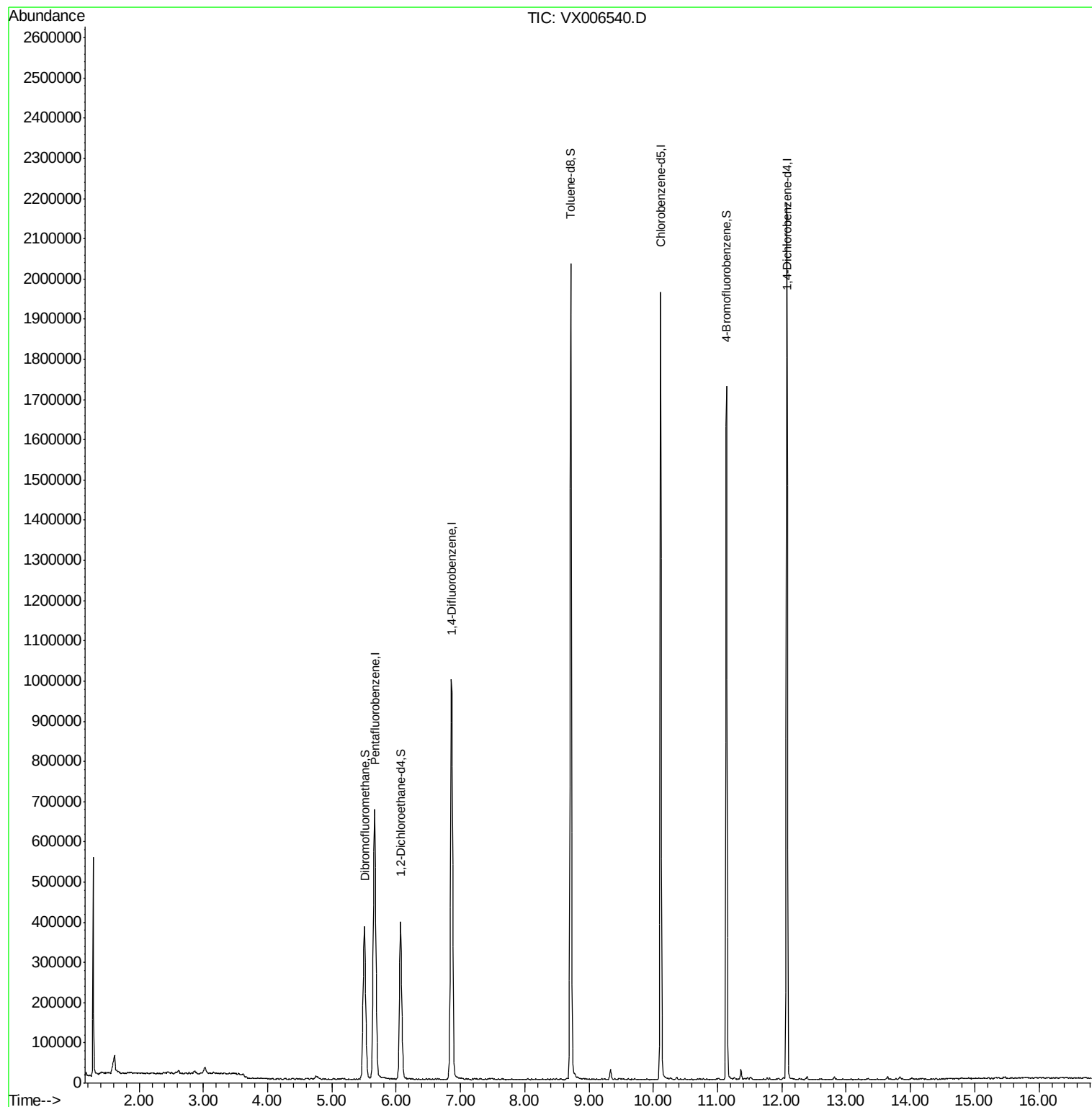
Target Compounds	Qvalue
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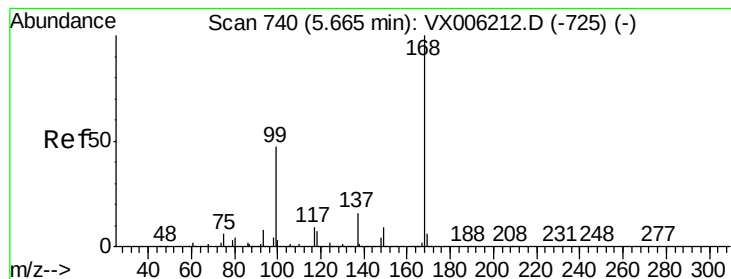
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006540.D

Acq: 15 Dec 2018 03:27

Instrument :

MSVOA_X

ClientSampleId :

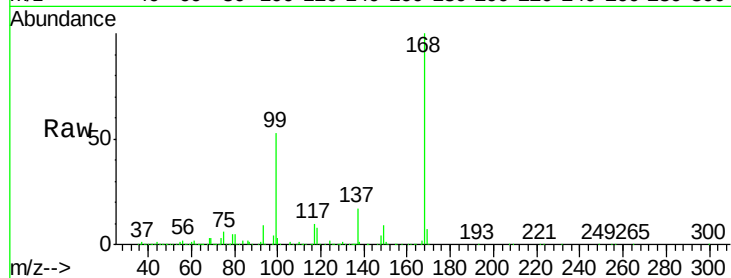
FB-02 121218

Tgt Ion:168 Resp: 690809

Ion Ratio Lower Upper

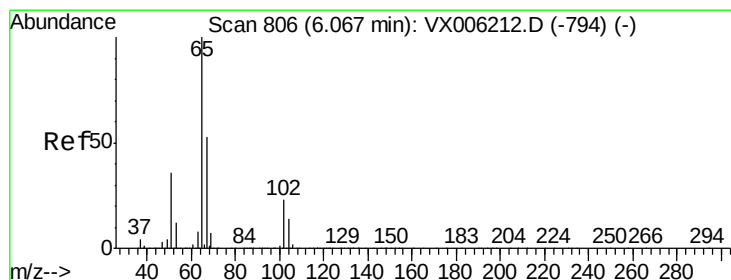
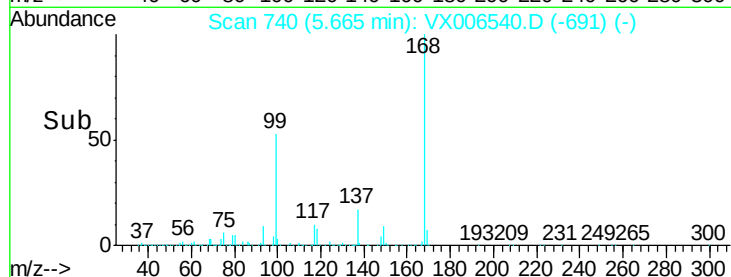
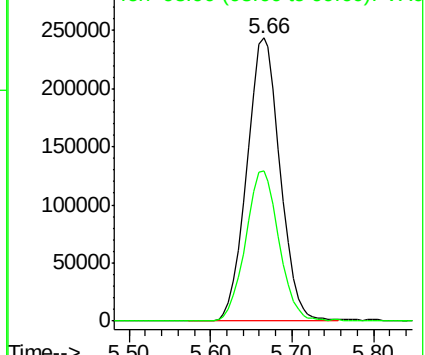
168 100

99 52.8 37.8 56.8



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: 51.961 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006540.D

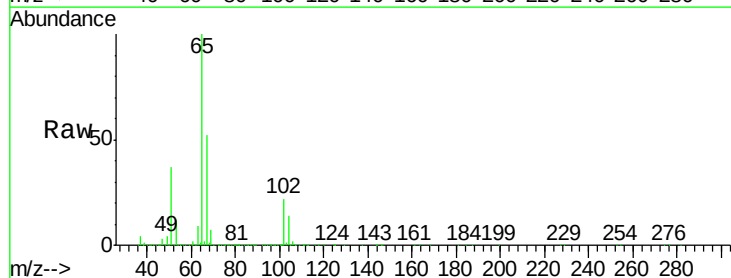
Acq: 15 Dec 2018 03:27

Tgt Ion: 65 Resp: 366430

Ion Ratio Lower Upper

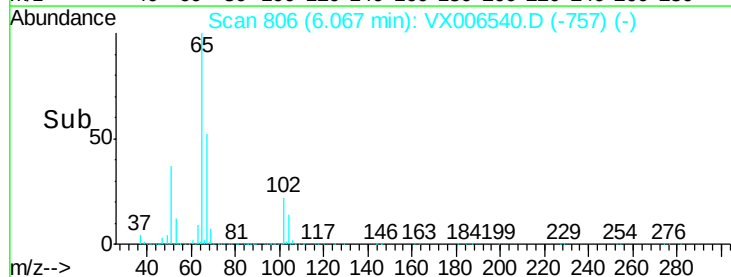
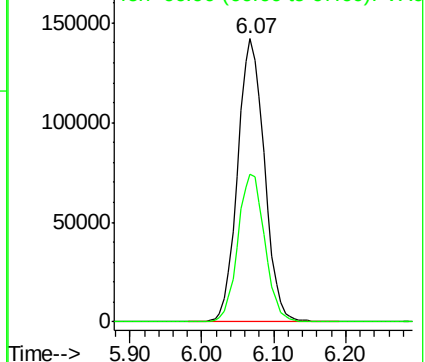
65 100

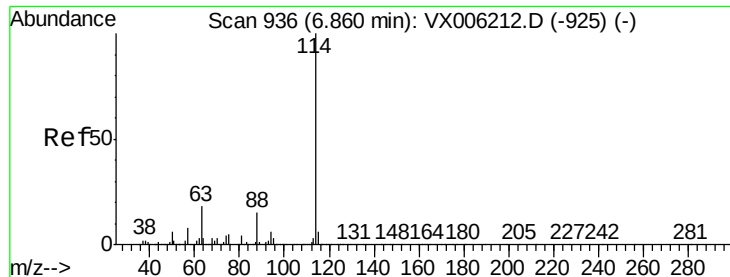
67 52.1 0.0 107.2



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: VX006540.D

Acq: 15 Dec 2018 03:27

Instrument :

MSVOA_X

ClientSampleId :

FB-02_121218

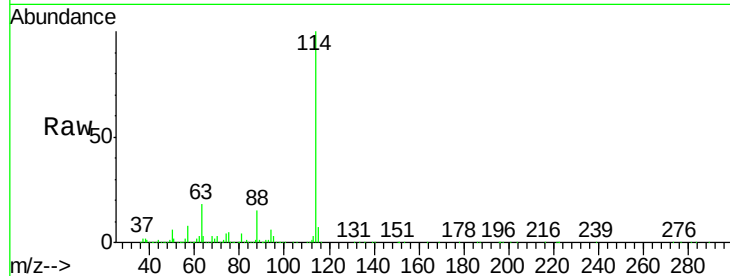
Tgt Ion:114 Resp: 1093882

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

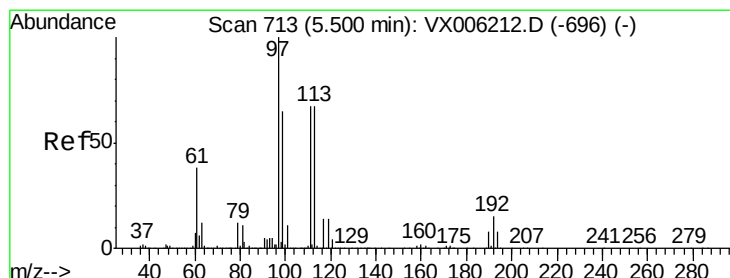
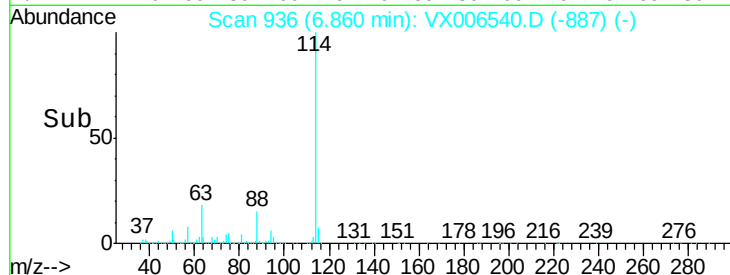
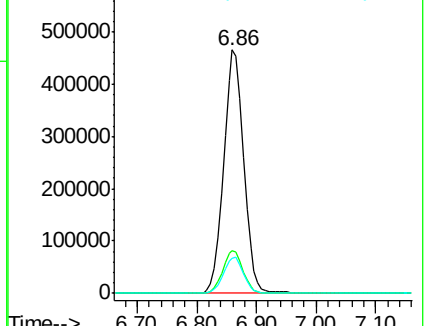
88 14.6 0.0 29.0



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: 46.383 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006540.D

Acq: 15 Dec 2018 03:27

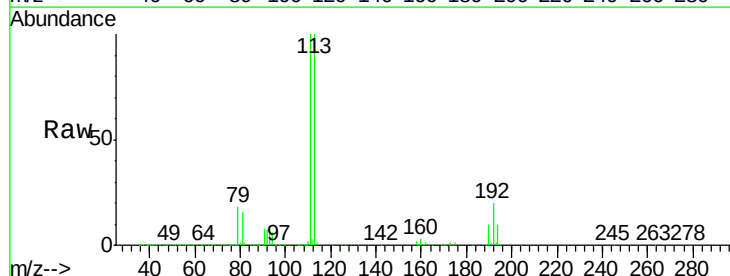
Tgt Ion:113 Resp: 328508

Ion Ratio Lower Upper

113 100

111 101.5 81.1 121.7

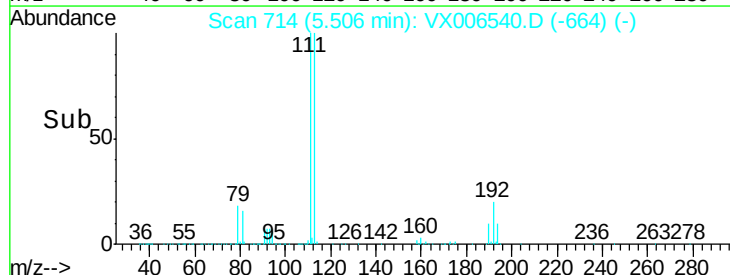
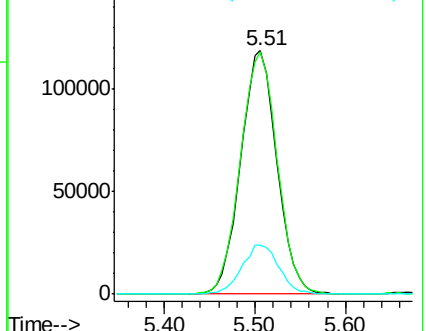
192 20.7 18.2 27.2

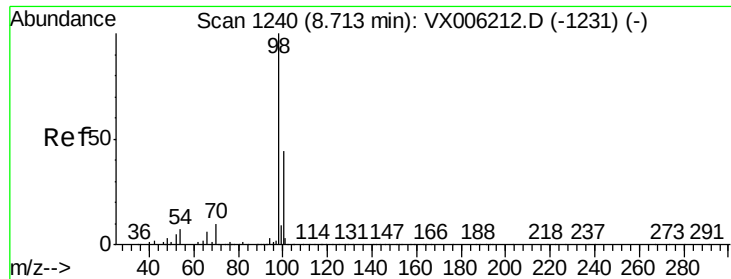


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

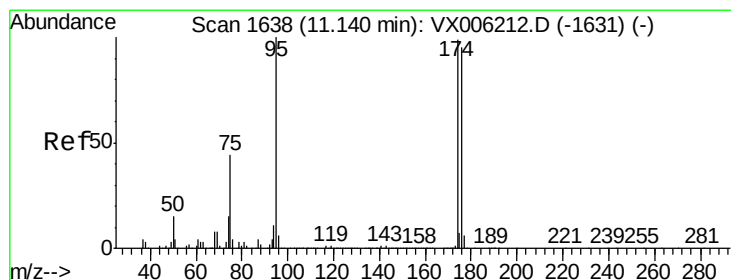
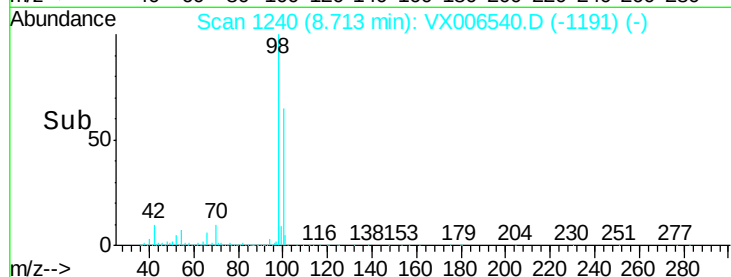
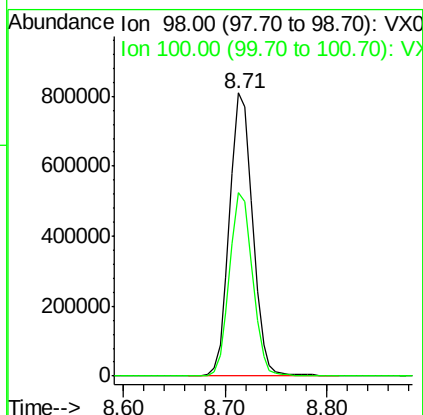
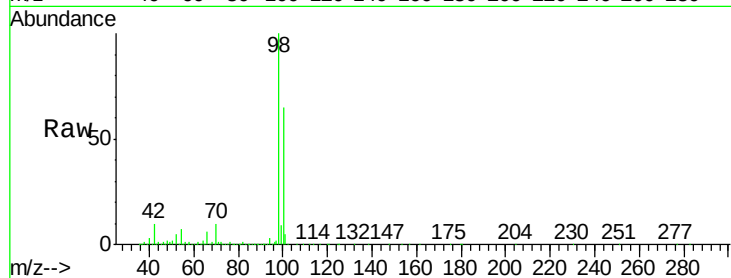




#50
Toluene-d8
Concen: 49.363 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006540.D
Acq: 15 Dec 2018 03:27

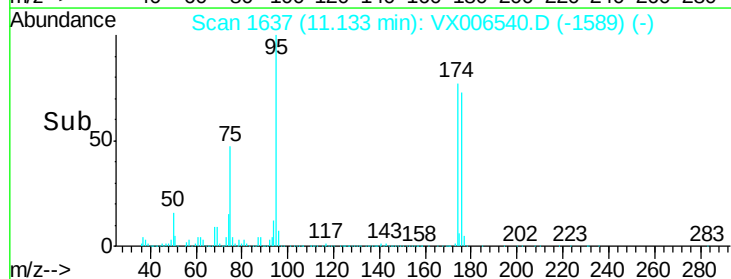
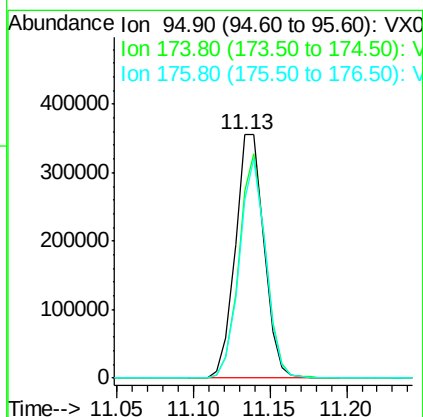
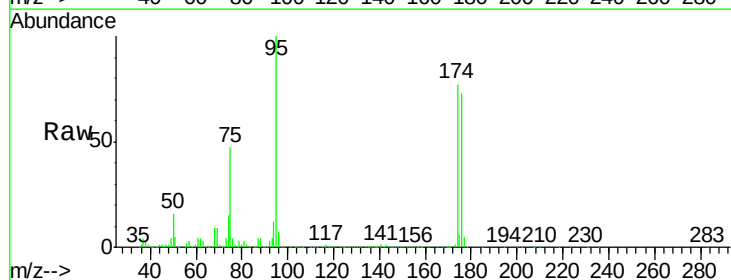
Instrument :
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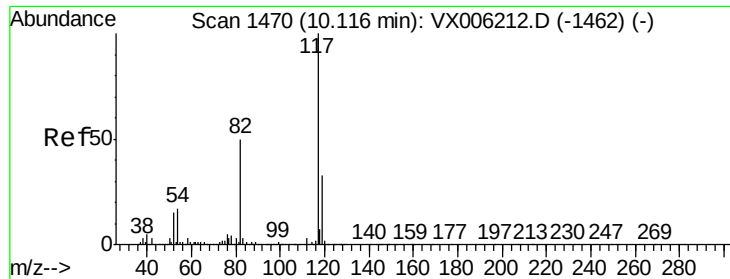
Tgt Ion: 98 Resp: 1271678
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.705 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006540.D
Acq: 15 Dec 2018 03:27

Tgt Ion: 95 Resp: 463113
Ion Ratio Lower Upper
95 100
174 85.5 0.0 187.0
176 83.2 0.0 181.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006540.D

Acq: 15 Dec 2018 03:27

Instrument :

MSVOA_X

ClientSampleId :

FB-02_121218

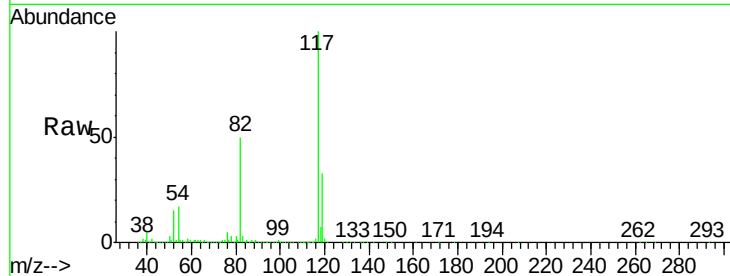
Tgt Ion:117 Resp: 978108

Ion Ratio Lower Upper

117 100

82 50.2 39.6 59.4

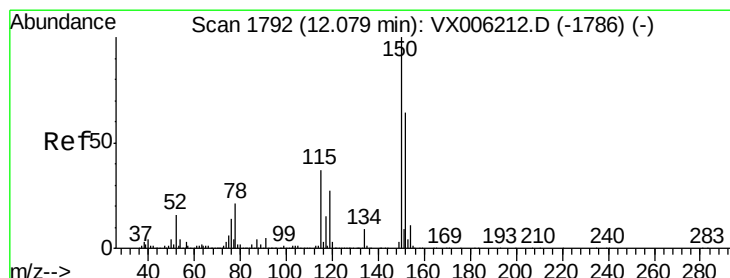
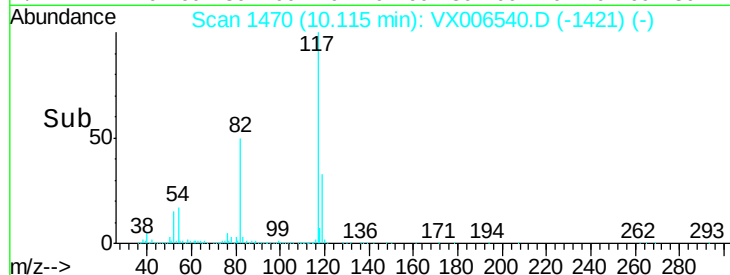
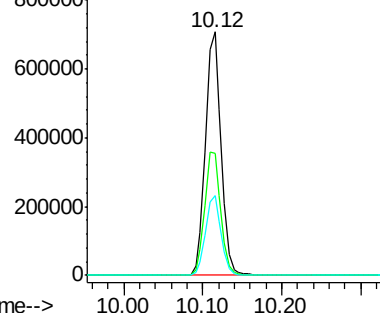
119 33.0 26.3 39.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX006540.D

Acq: 15 Dec 2018 03:27

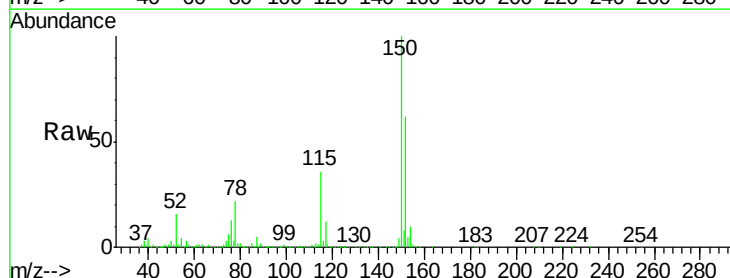
Tgt Ion:152 Resp: 462506

Ion Ratio Lower Upper

152 100

115 56.9 39.0 116.9

150 158.3 0.0 345.8



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

