

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006373.D
 Acq On : 10 Dec 2018 16:39
 Operator : JC/MD
 Sample : J6321-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20181207

Quant Time: Dec 11 04:32:58 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

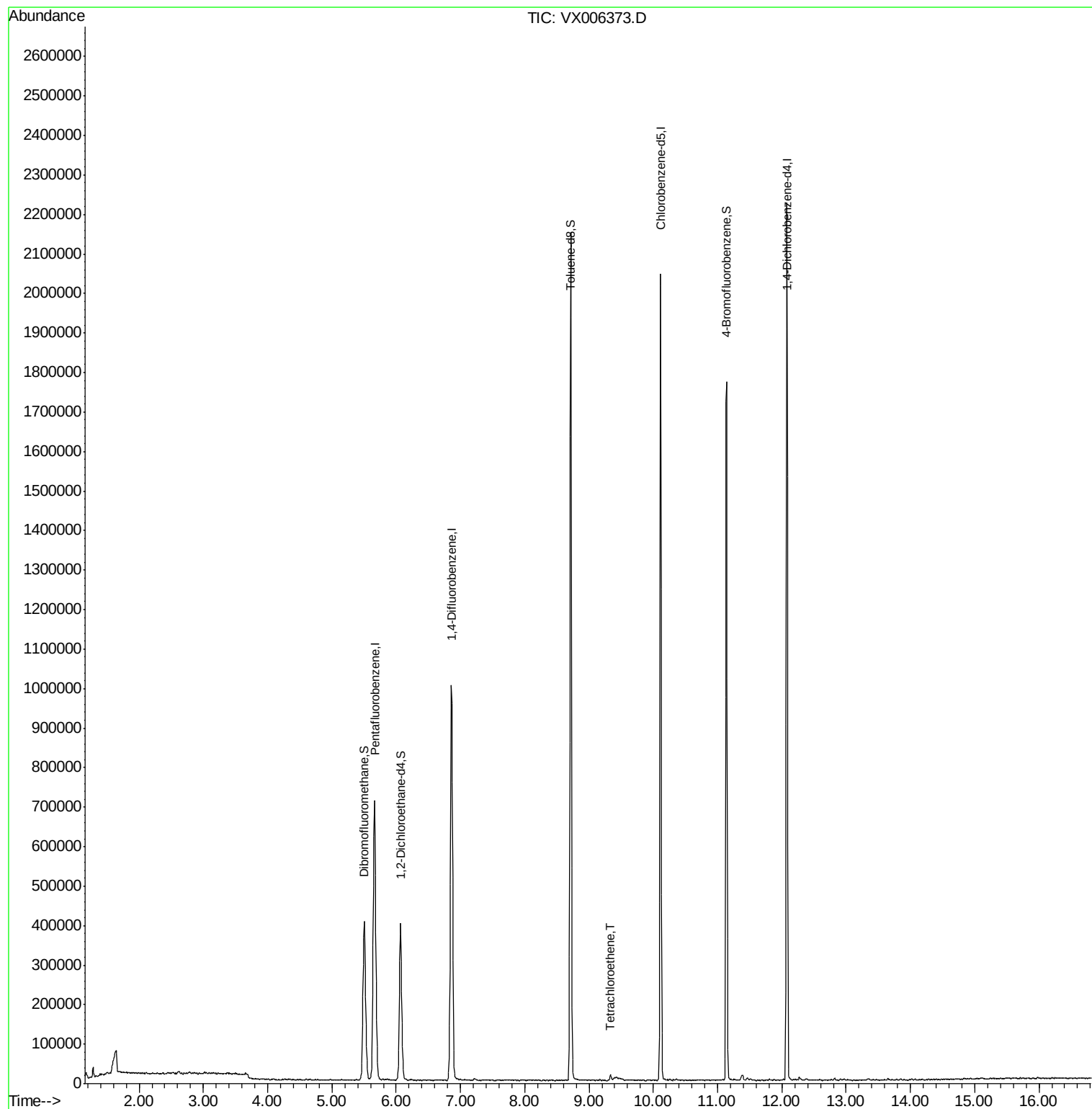
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	736052	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1121090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1016468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	492417	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	363695	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	5.51	113	348908	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.14%	
50) Toluene-d8	8.71	98	1310589	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.13	95	487098	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
Target Compounds						
64) Tetrachloroethene	9.34	164	2268	0.296	ug/l	Qvalue 96

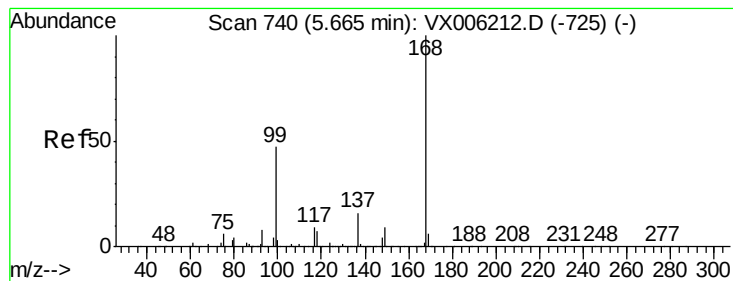
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

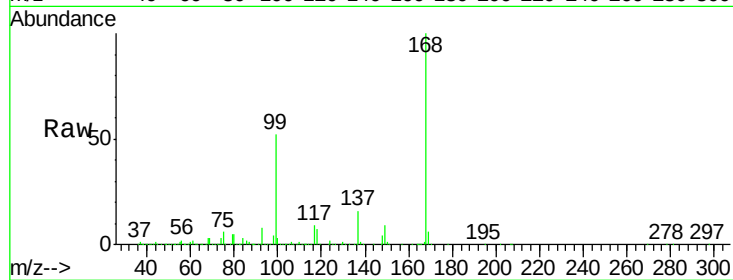
RE123D3-20181207

Tot Ion:168 Resp: 736052

Ion Ratio Lower Upper

168 100

99 51.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

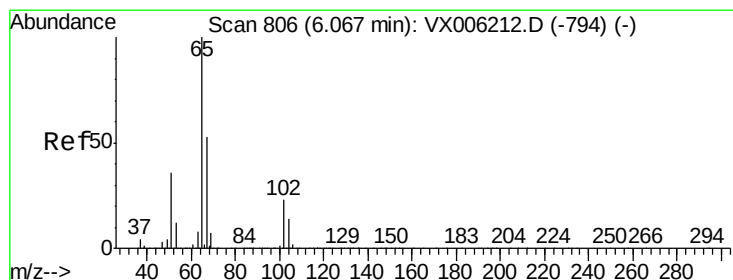
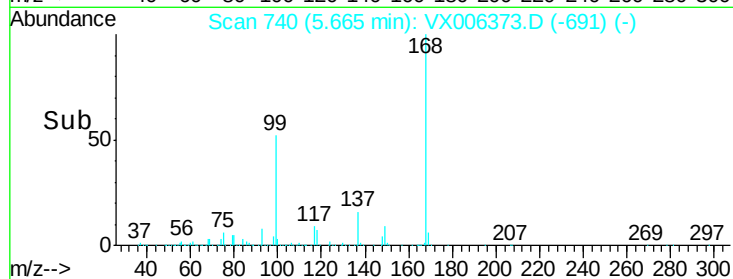
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.403 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006373.D

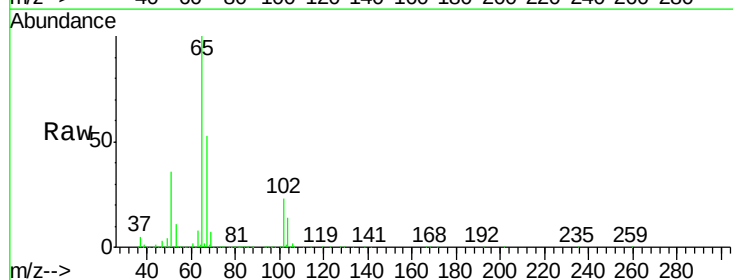
Acq: 10 Dec 2018 16:39

Tgt Ion: 65 Resp: 363695

Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

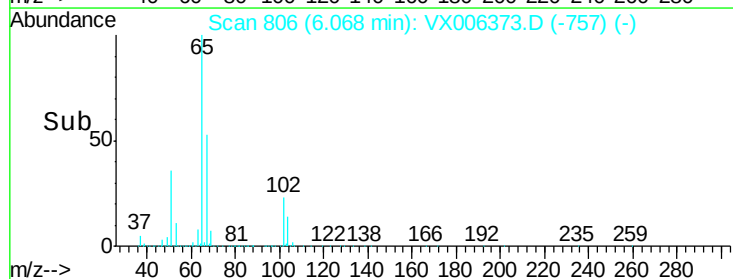
150000

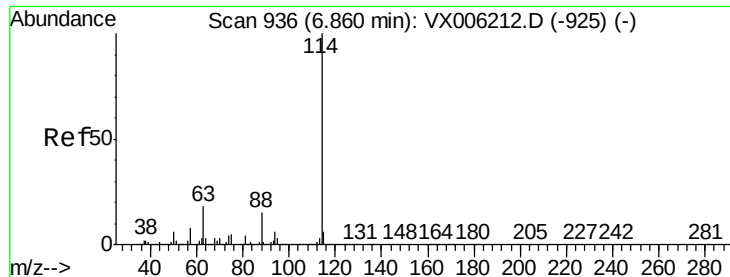
100000

50000

0

Time--> 5.90 6.00 6.10 6.20

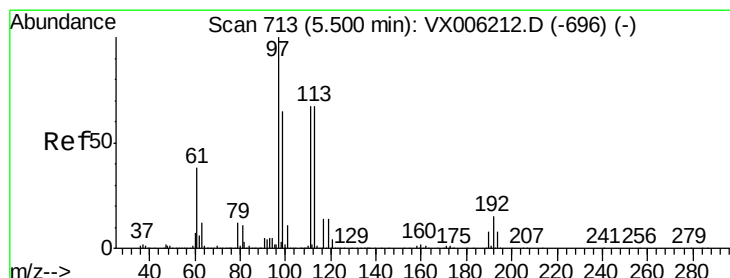
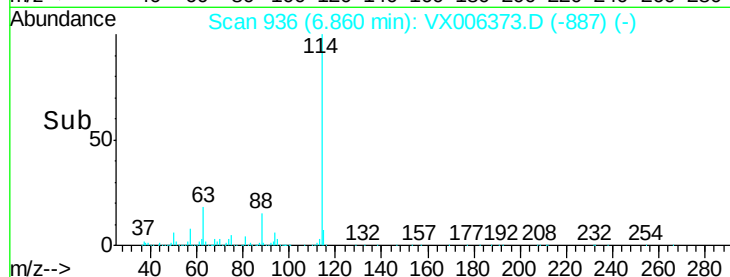
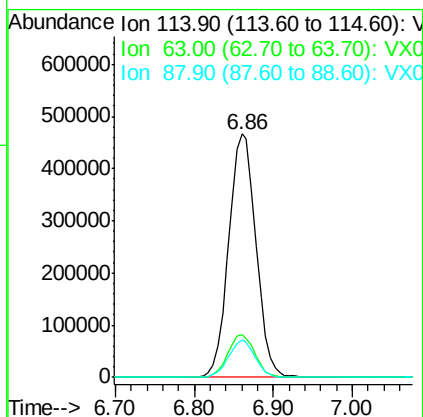
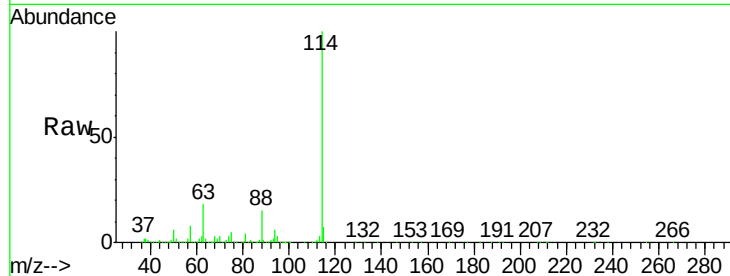




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006373.D
 Acq: 10 Dec 2018 16:39

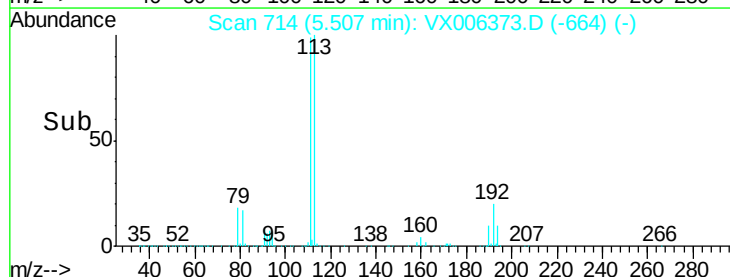
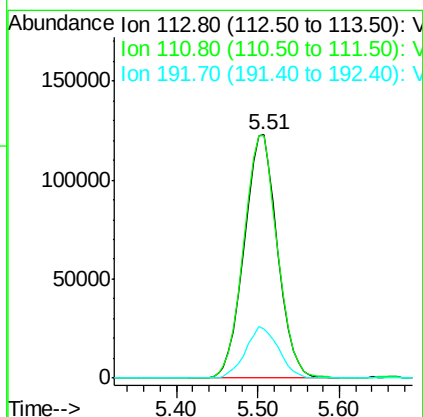
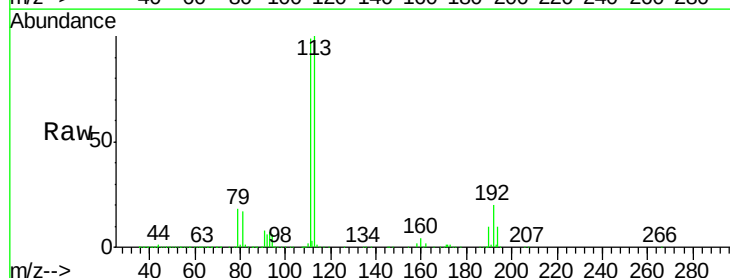
Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20181207

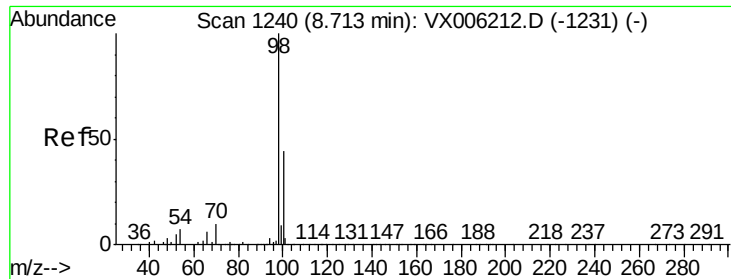
Tot Ion:114 Resp: 1121090
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.6
 88 15.2 0.0 29.0



#35
 Dibromofluoromethane
 Concen: 48.068 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006373.D
 Acq: 10 Dec 2018 16:39

Tgt Ion:113 Resp: 348908
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.1 121.7
 192 21.1 18.2 27.2

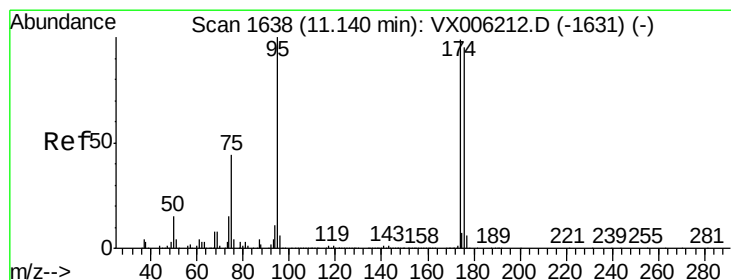
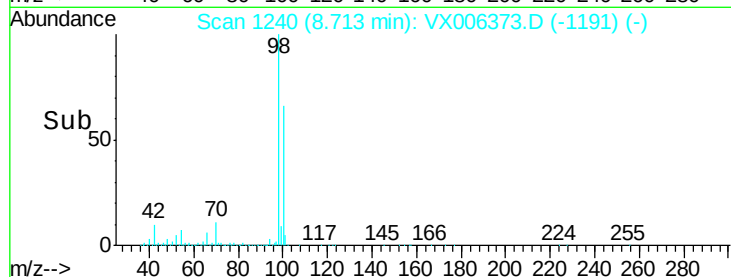
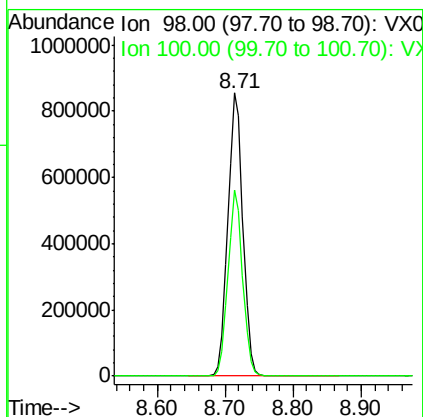
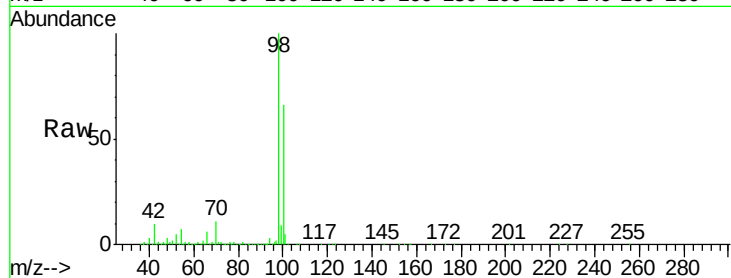




#50
Toluene-d8
Concen: 49.639 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006373.D
Acq: 10 Dec 2018 16:39

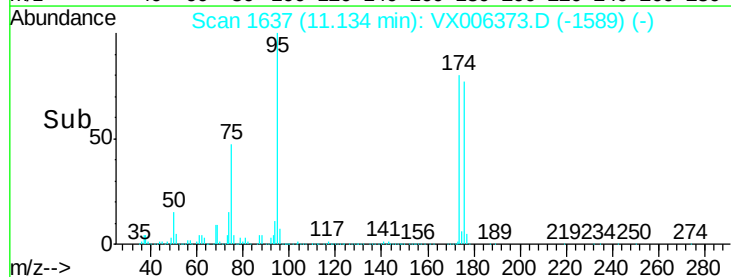
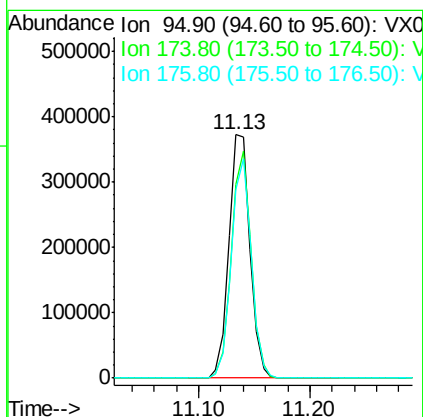
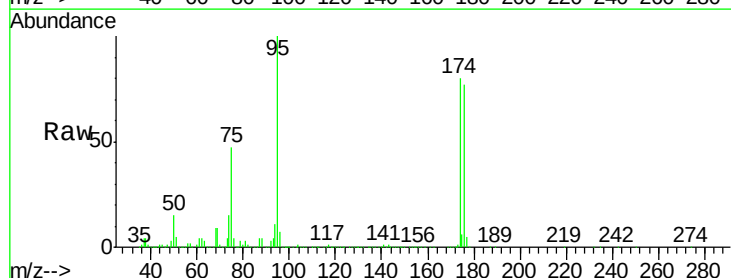
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20181207

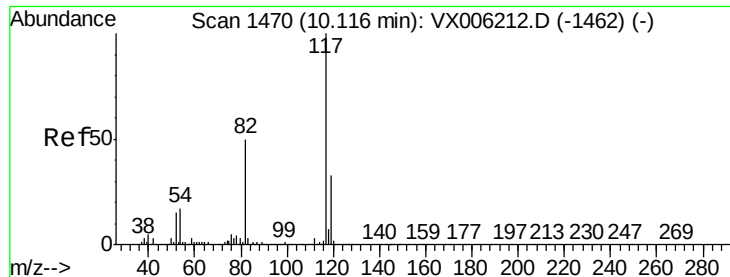
Tot Ion: 98 Resp: 1310589
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.958 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006373.D
Acq: 10 Dec 2018 16:39

Tgt Ion: 95 Resp: 487098
Ion Ratio Lower Upper
95 100
174 87.6 0.0 187.0
176 85.4 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: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-20181207

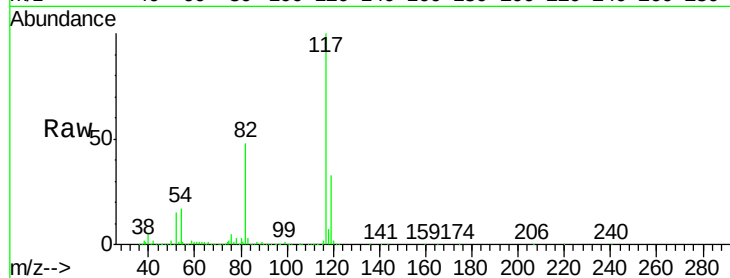
Tot Ion:117 Resp: 1016468

Ion Ratio Lower Upper

117 100

82 48.1 39.6 59.4

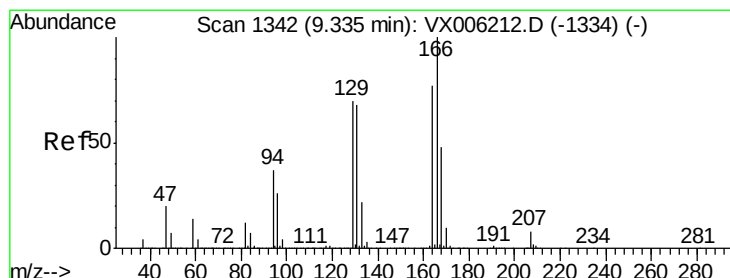
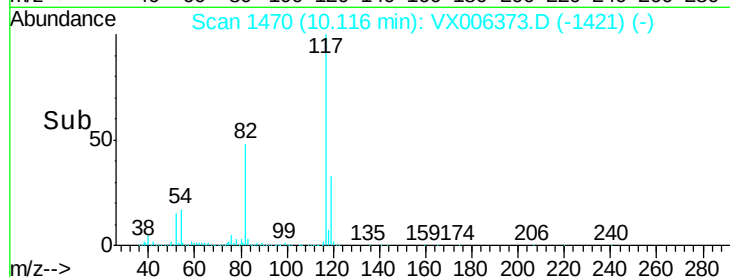
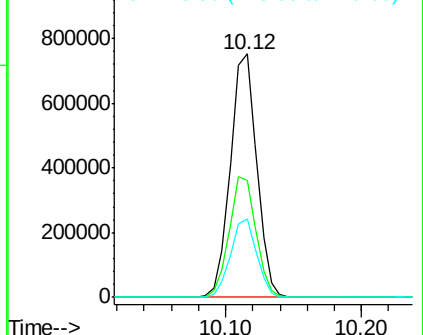
119 32.5 26.3 39.5



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



#64

Tetrachloroethene

Concen: 0.296 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006373.D

Acq: 10 Dec 2018 16:39

Tgt Ion:164 Resp: 2268

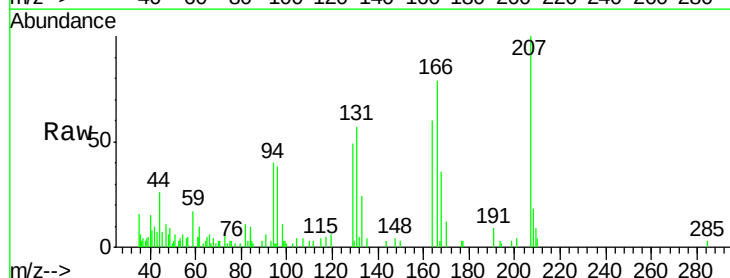
Ion Ratio Lower Upper

164 100

166 133.3 104.2 156.2

129 87.5 72.6 108.8

131 95.0 70.3 105.5

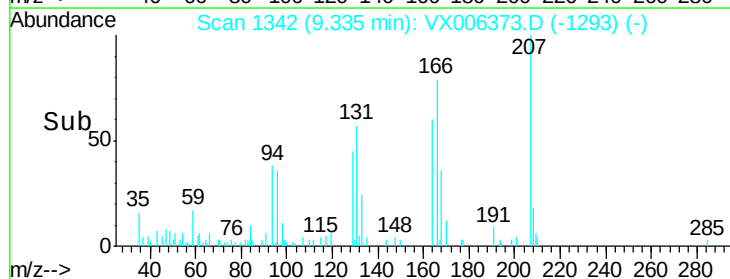
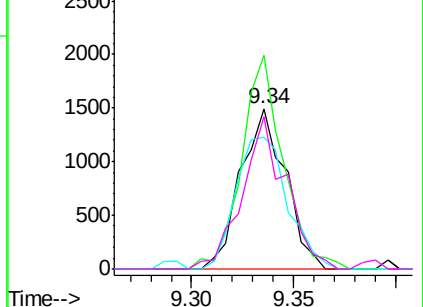


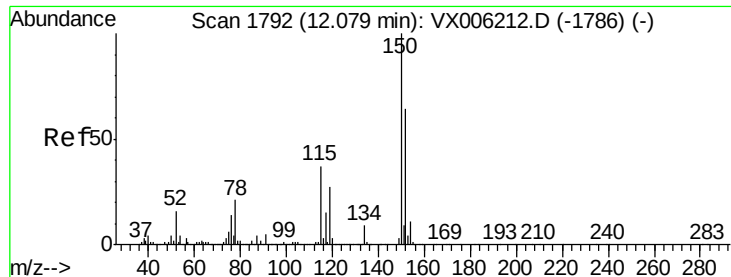
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VX006373.D

Acq: 10 Dec 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-20181207

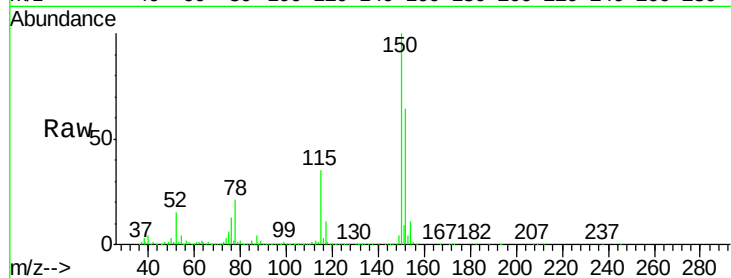
Tot Ion:152 Resp: 492417

Ion Ratio Lower Upper

152 100

115 55.7 39.0 116.9

150 155.2 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

