

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006481.D
 Acq On : 13 Dec 2018 08:13
 Operator : JC/MD
 Sample : J6347-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P001-SW001-02

Quant Time: Dec 13 11:44:26 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

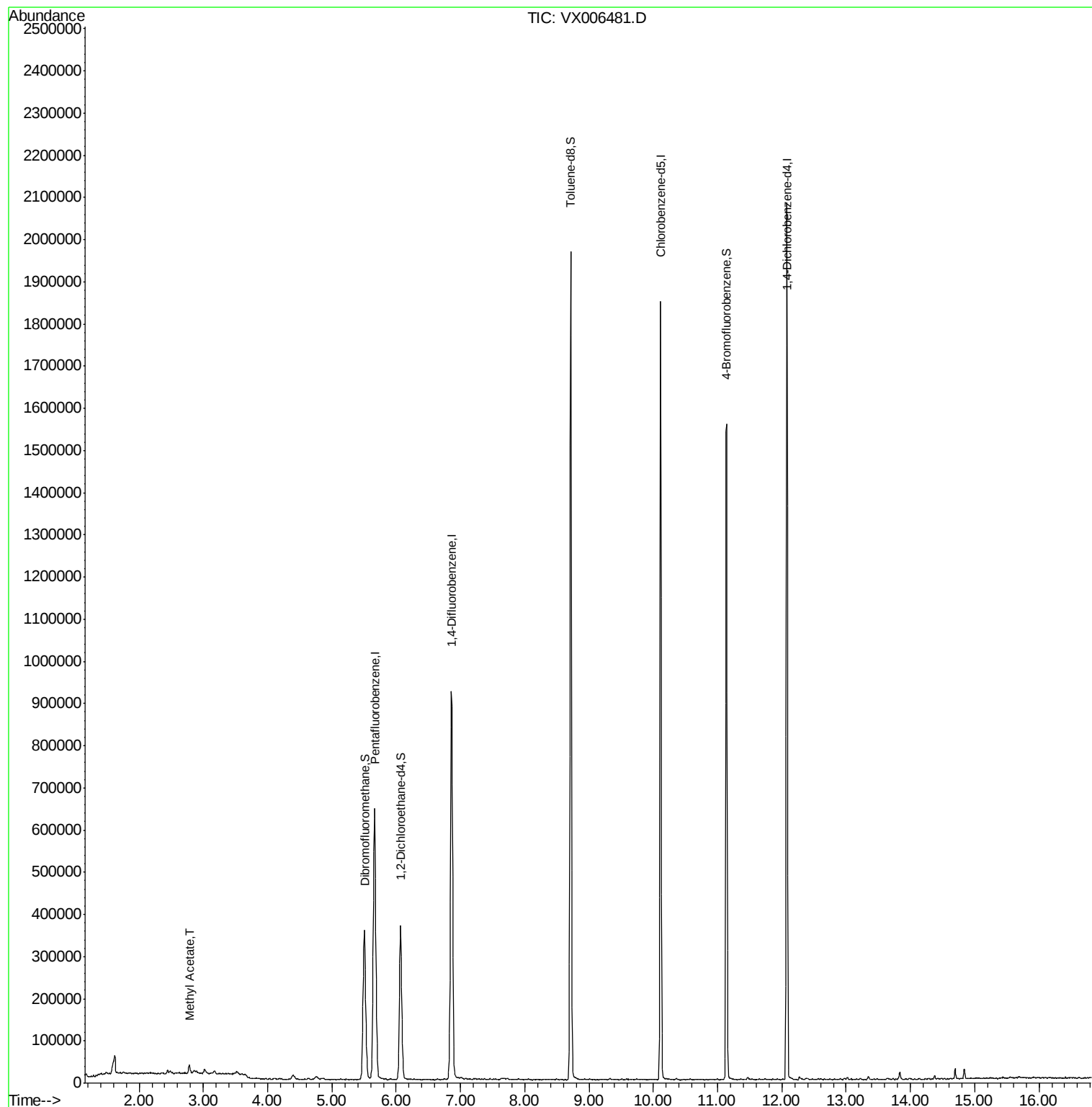
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	646115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1005999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	917019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	340033	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
35) Dibromofluoromethane	5.51	113	303359	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
50) Toluene-d8	8.71	98	1196023	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.13	95	440624	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
Target Compounds						
18) Methyl Acetate	2.78	43	27819	2.687	ug/l	99

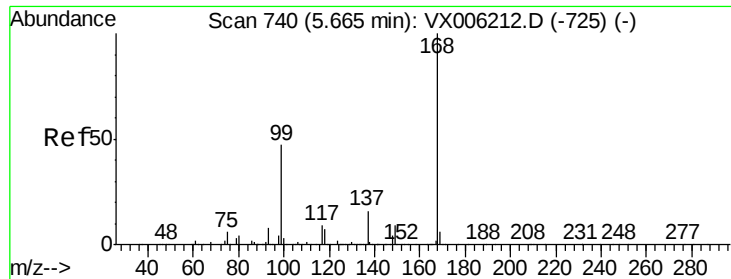
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006481.D

Acq: 13 Dec 2018 08:13

Instrument :

MSVOA_X

ClientSampleId :

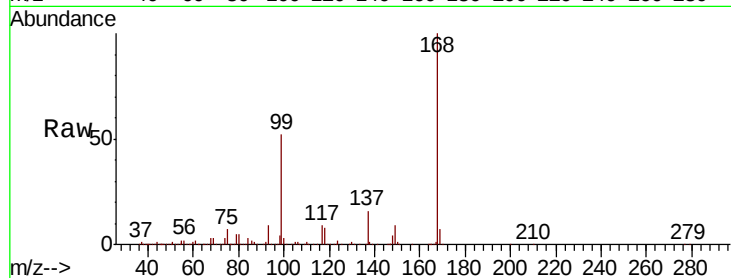
P001-SW001-02

Tot Ion:168 Resp: 646115

Ion Ratio Lower Upper

168 100

99 52.1 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

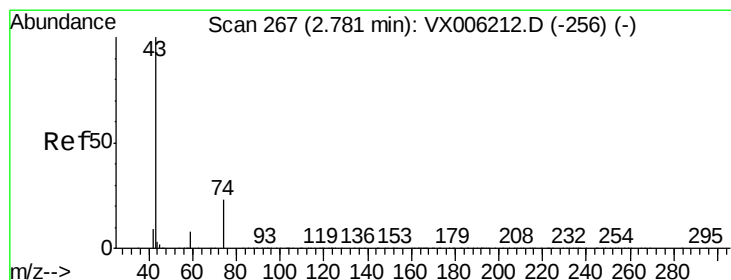
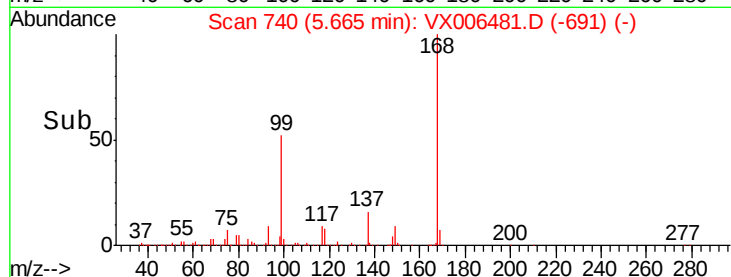
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 2.687 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006481.D

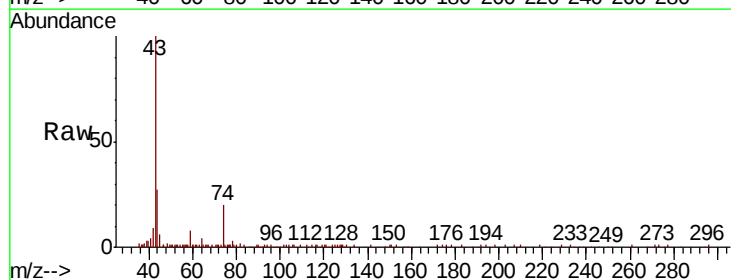
Acq: 13 Dec 2018 08:13

Tgt Ion: 43 Resp: 27819

Ion Ratio Lower Upper

43 100

74 22.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

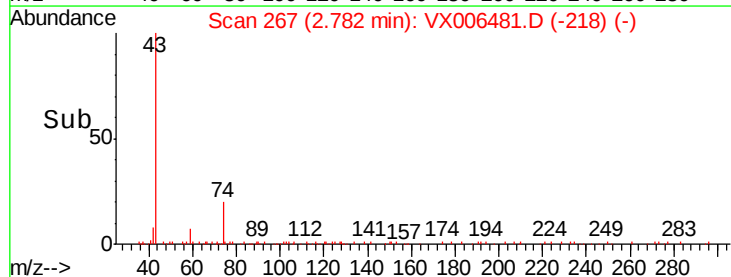
15000

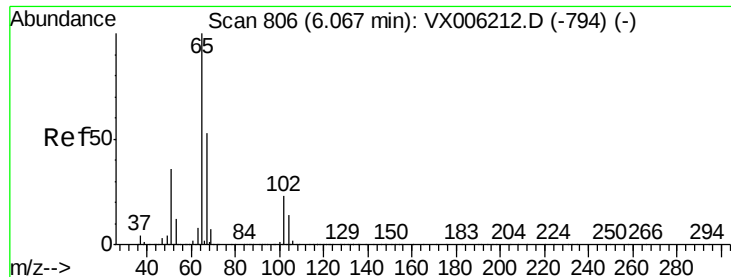
10000

5000

0

Time--> 2.70 2.75 2.80 2.85





#33

1,2-Dichloroethane-d4

Concen: 51.553 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006481.D

Acq: 13 Dec 2018 08:13

Instrument :

MSVOA_X

ClientSampleId :

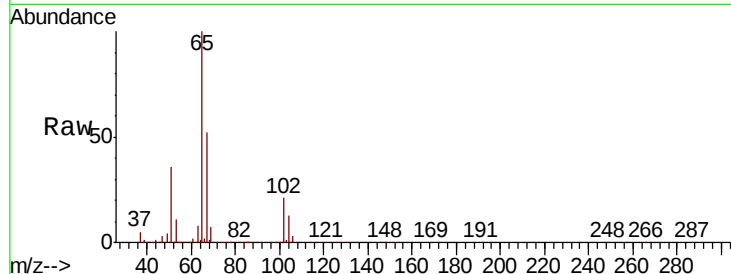
P001-SW001-02

Tot Ion: 65 Resp: 340033

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

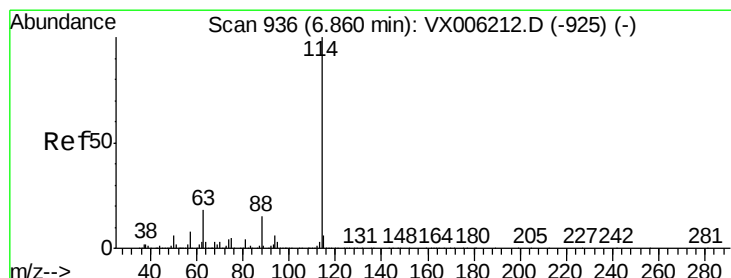
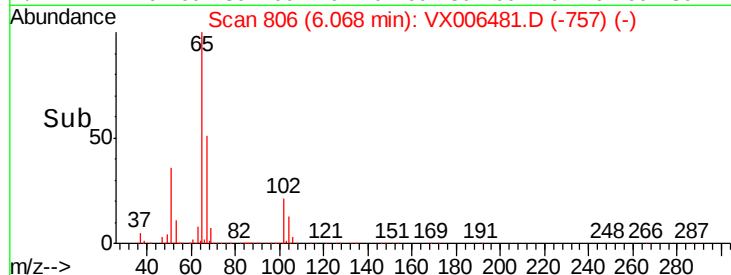
100000

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: VX006481.D

Acq: 13 Dec 2018 08:13

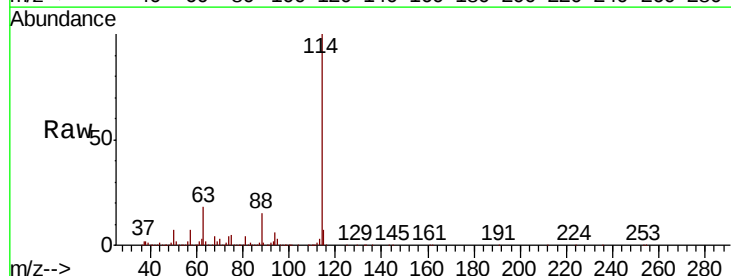
Tgt Ion: 114 Resp: 1005999

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.6

88 14.7 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

6.86

500000

400000

300000

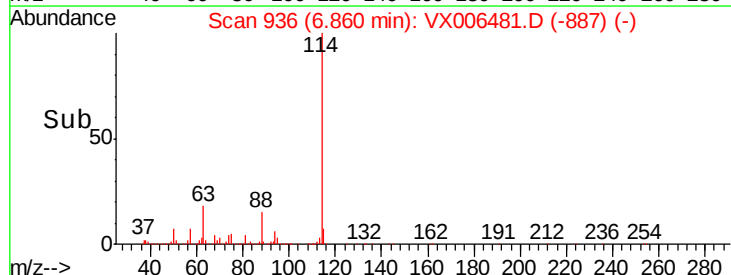
200000

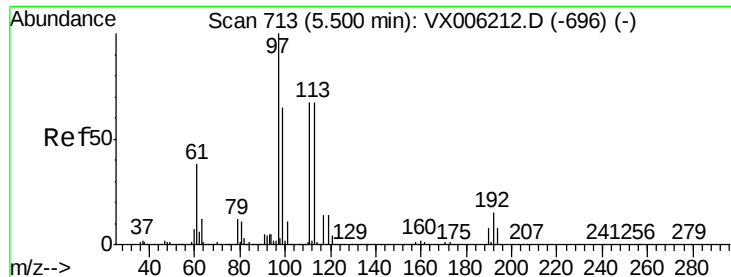
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.574 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006481.D

Acq: 13 Dec 2018 08:13

Instrument :

MSVOA_X

ClientSampleId :

P001-SW001-02

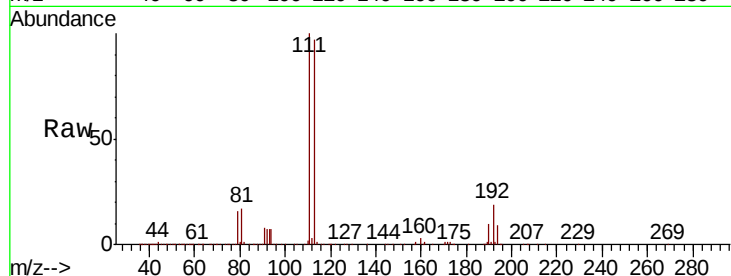
Tot Ion:113 Resp: 303359

Ion Ratio Lower Upper

113 100

111 103.1 81.1 121.7

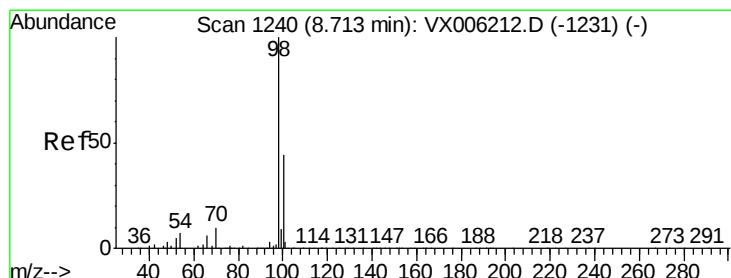
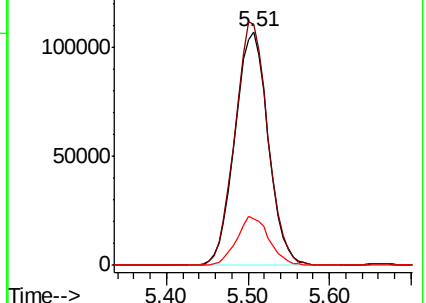
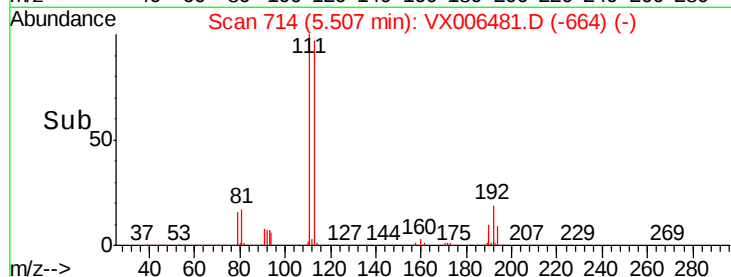
192 20.4 18.2 27.2



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: 50.482 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006481.D

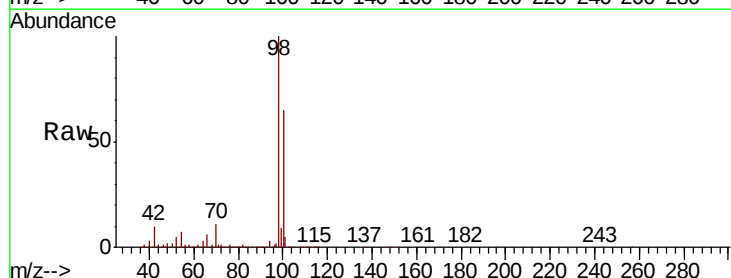
Acq: 13 Dec 2018 08:13

Tgt Ion: 98 Resp: 1196023

Ion Ratio Lower Upper

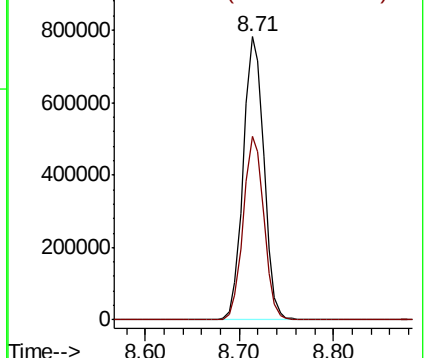
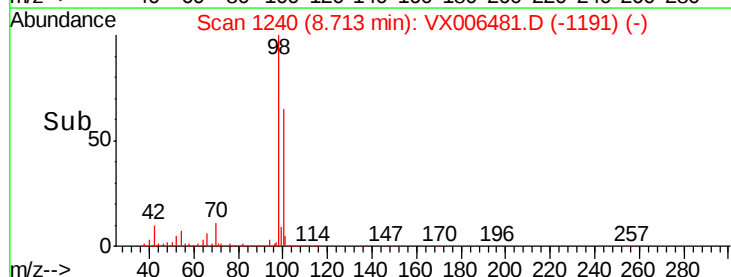
98 100

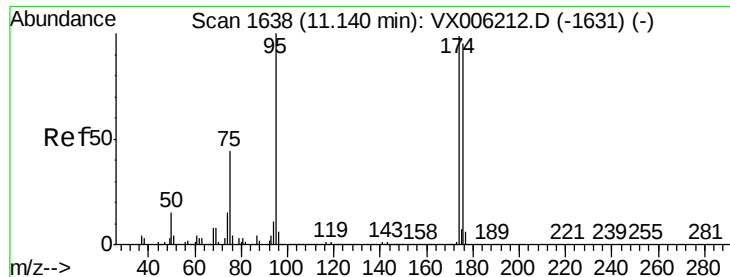
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

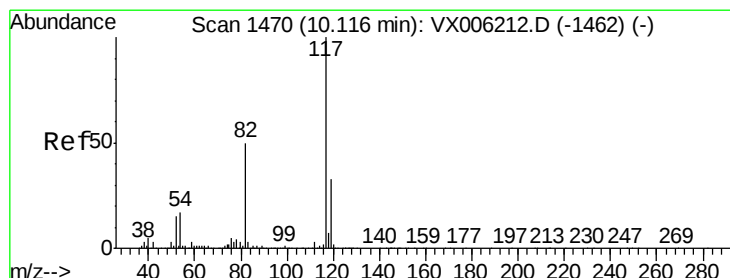
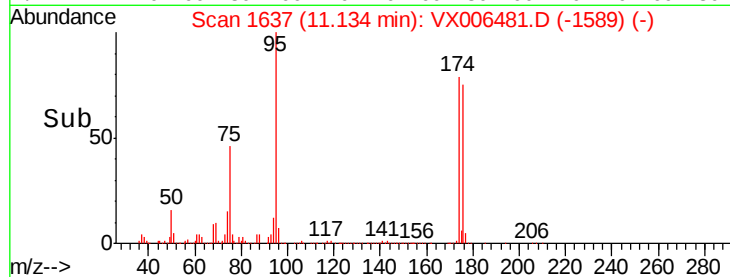
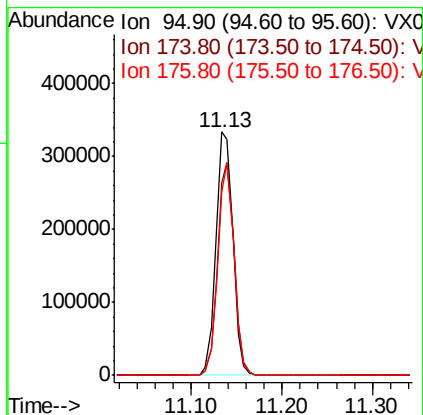
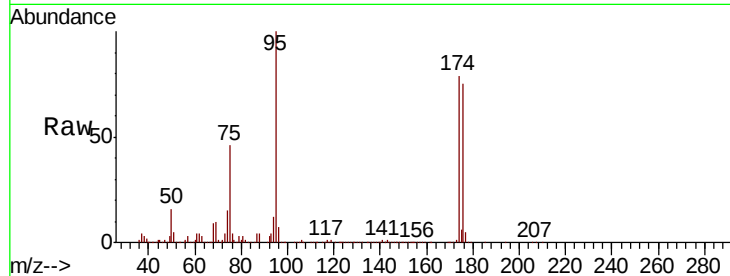




#62
4-Bromofluorobenzene
Concen: 49.354 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006481.D
Acq: 13 Dec 2018 08:13

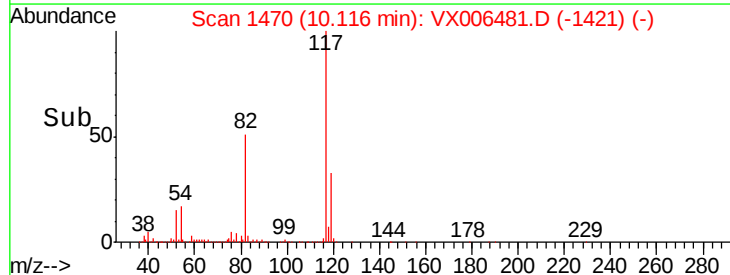
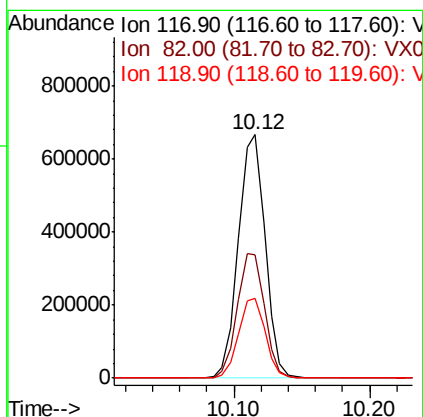
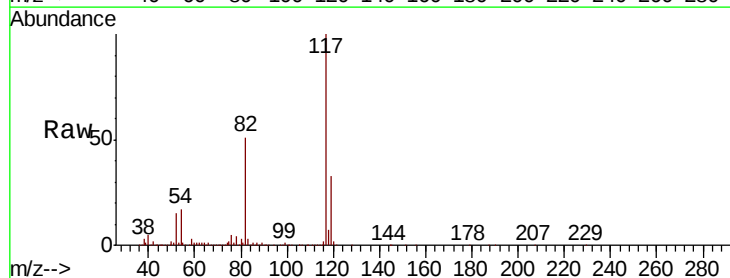
Instrument :
MSVOA_X
ClientSampleId :
P001-SW001-02

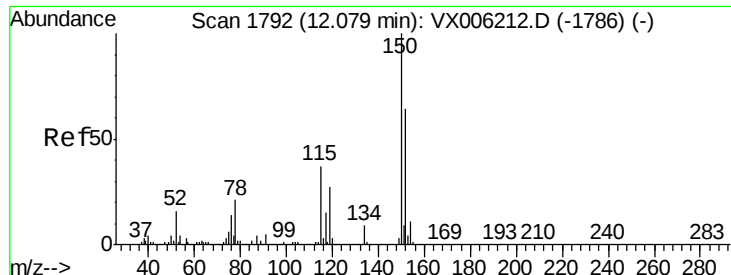
Tot Ion: 95 Resp: 440624
Ion Ratio Lower Upper
95 100
174 84.6 0.0 187.0
176 82.6 0.0 181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006481.D
Acq: 13 Dec 2018 08:13

Tgt Ion: 117 Resp: 917019
Ion Ratio Lower Upper
117 100
82 50.9 39.6 59.4
119 32.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006481.D

Acq: 13 Dec 2018 08:13

Instrument :

MSVOA_X

ClientSampleId :

P001-SW001-02

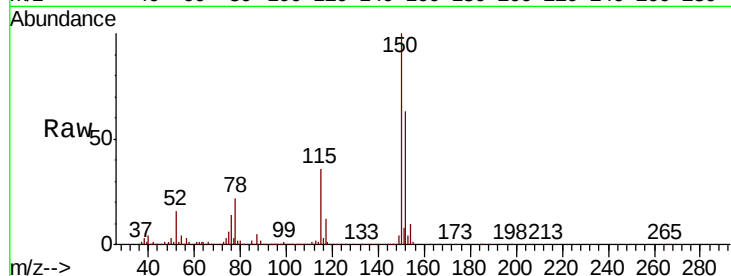
Tot Ion:152 Resp: 436145

Ion Ratio Lower Upper

152 100

115 57.4 39.0 116.9

150 157.9 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

