

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
 Data File : VX006120.D
 Acq On : 21 Nov 2018 13:27
 Operator : JC/MD
 Sample : J5950-10
 Misc : 6.68g/10ml/100ul/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-FD-11132018

Quant Time: Nov 22 02:54:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 08:15:54 2018
 Response via : Initial Calibration

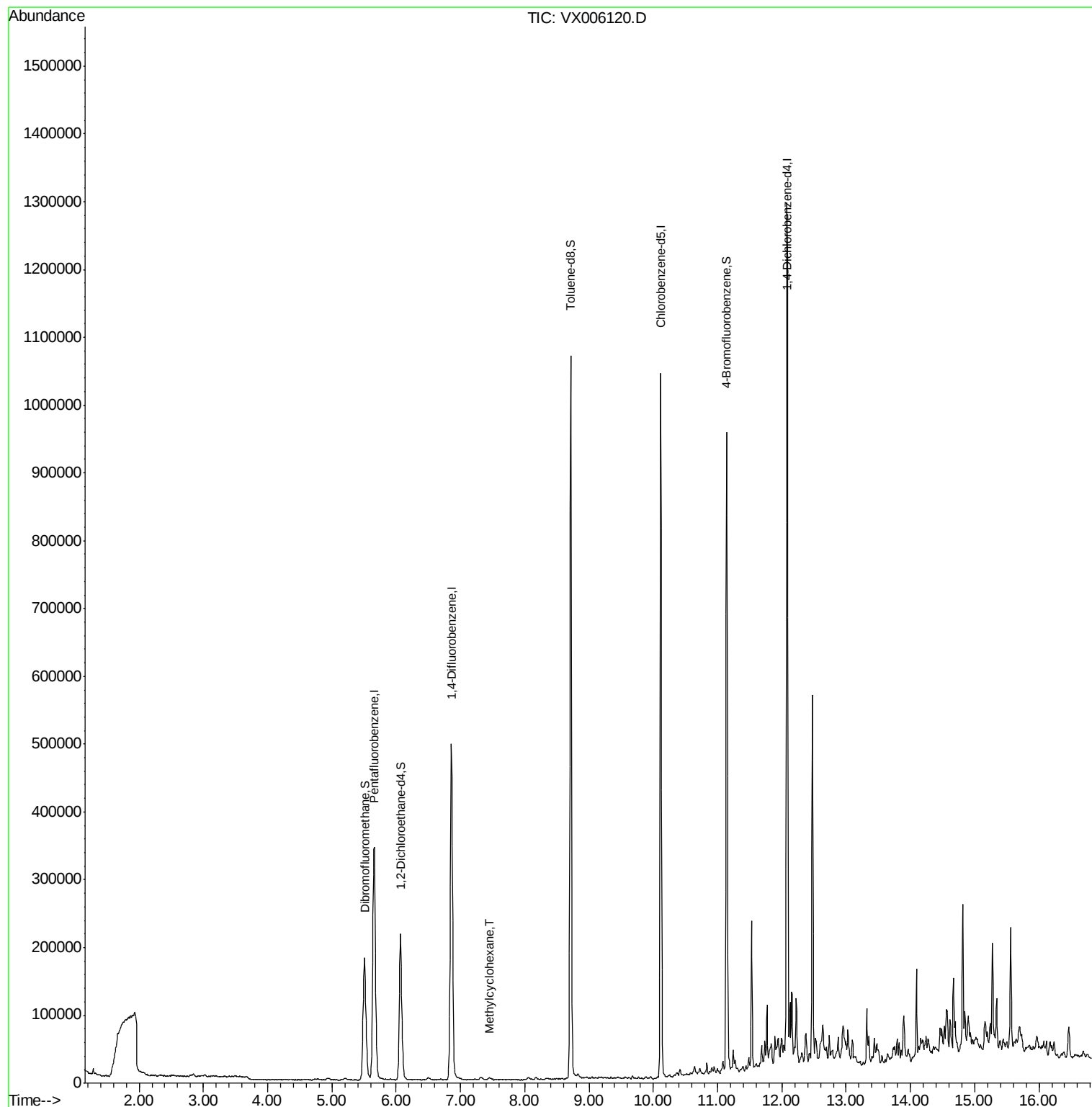
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	354887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	531088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	493461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	268705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	217106	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
35) Dibromofluoromethane	5.51	113	165715	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	650496	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.14	95	238339	48.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.70%	
Target Compounds						
39) Methylcyclohexane	7.45	83	1526	0.277	ug/l	Qvalue 95

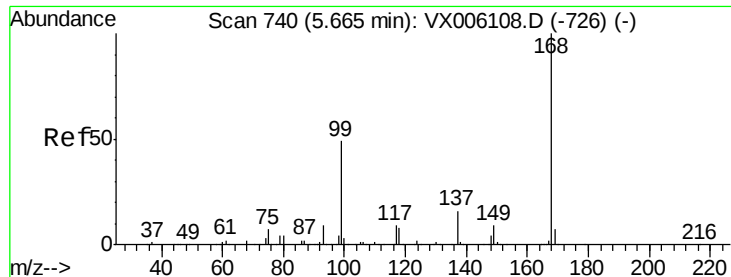
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 21 08:15:54 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX006120.D

Acq: 21 Nov 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

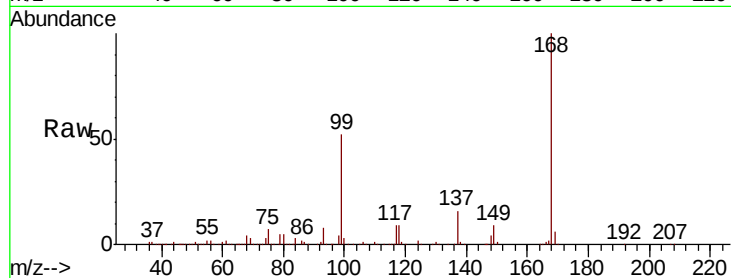
SSI-FD-11132018

Tot Ion:168 Resp: 354887

Ion Ratio Lower Upper

168 100

99 51.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

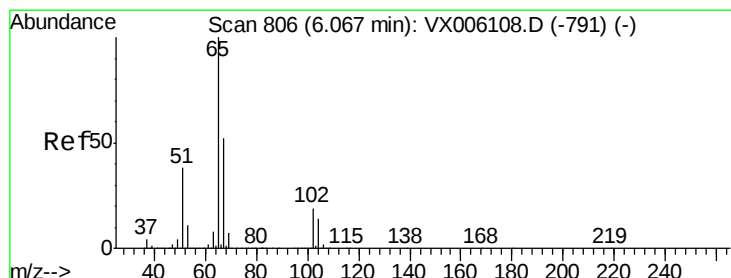
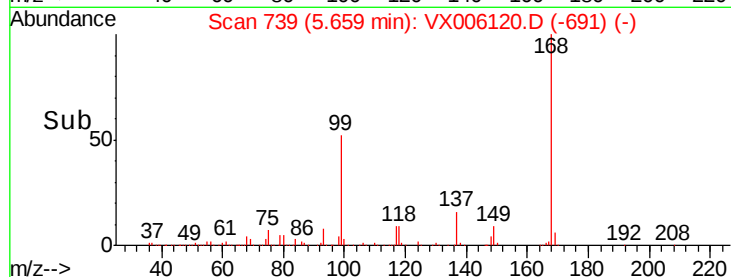
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 52.795 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006120.D

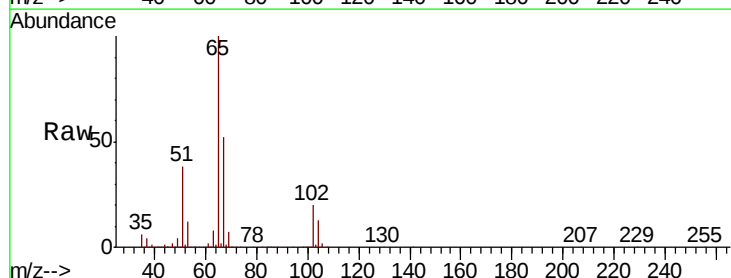
Acq: 21 Nov 2018 13:27

Tgt Ion: 65 Resp: 217106

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

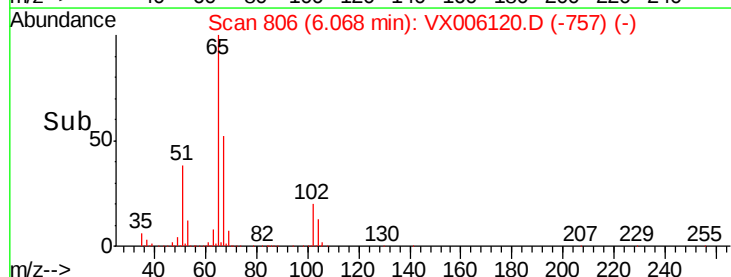
40000

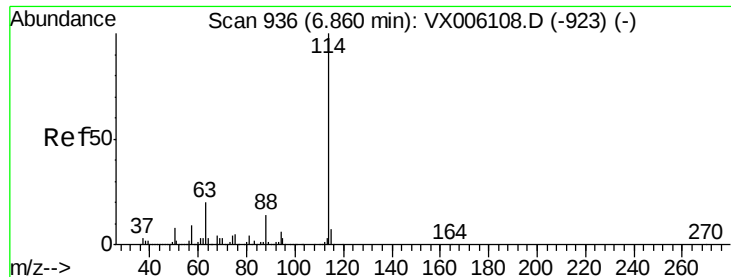
20000

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: VX006120.D

Acq: 21 Nov 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

SSI-FD-11132018

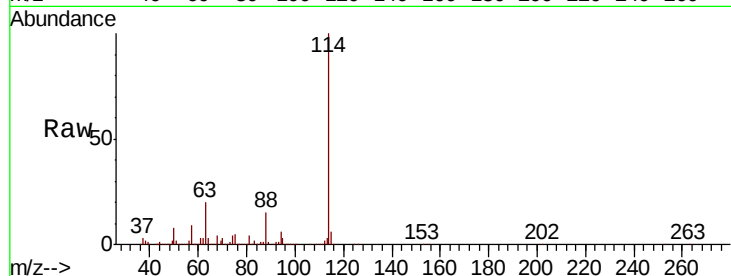
Tot Ion:114 Resp: 531088

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

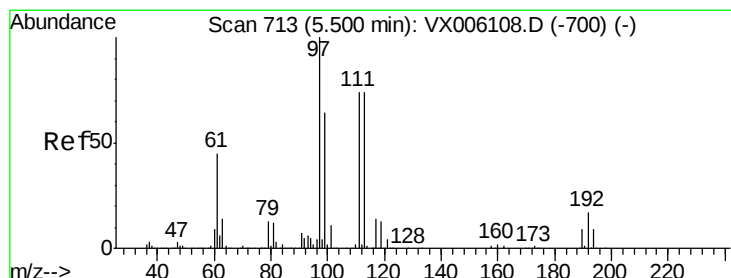
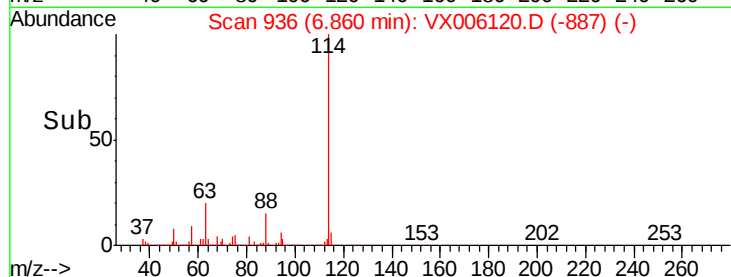
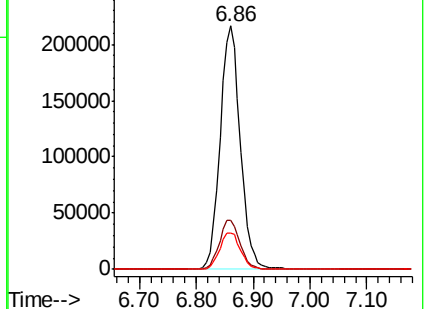
88 14.6 0.0 28.6



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: 48.609 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006120.D

Acq: 21 Nov 2018 13:27

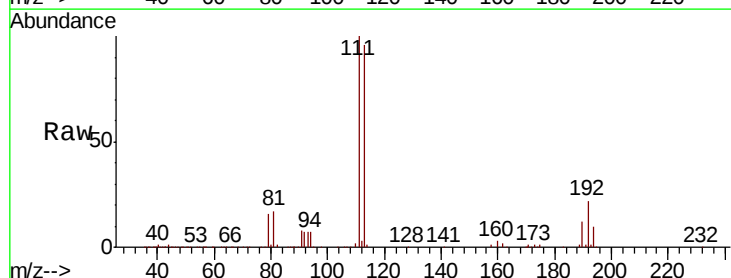
Tgt Ion:113 Resp: 165715

Ion Ratio Lower Upper

113 100

111 103.2 81.5 122.3

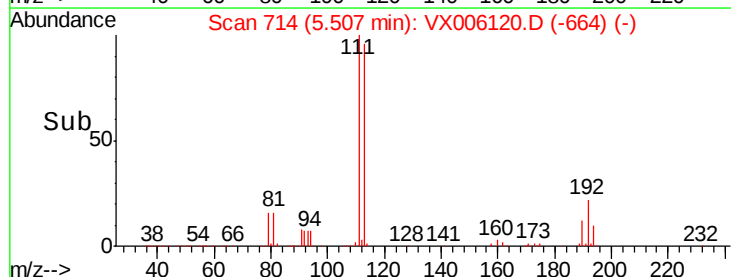
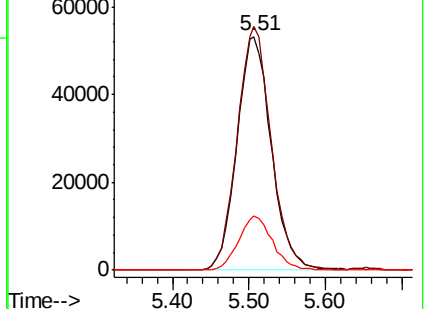
192 23.0 18.6 28.0

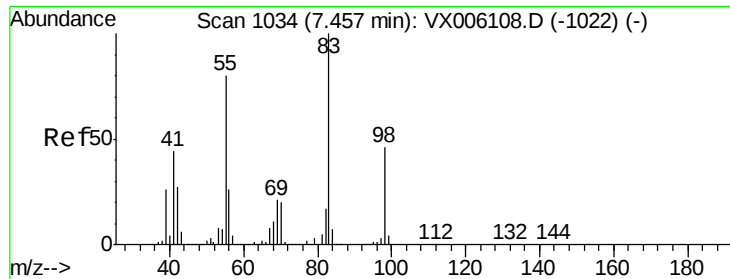


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

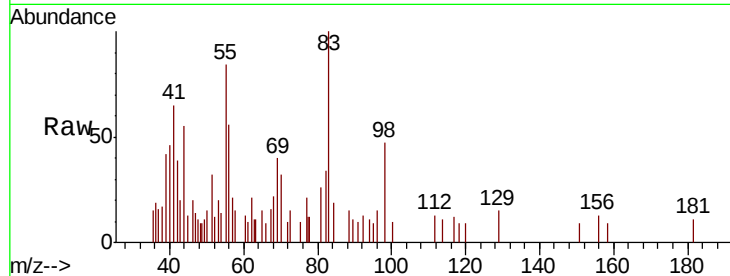




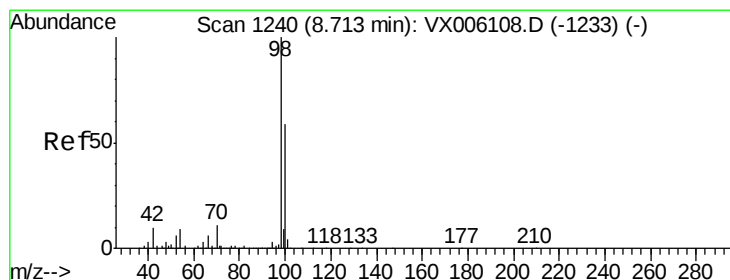
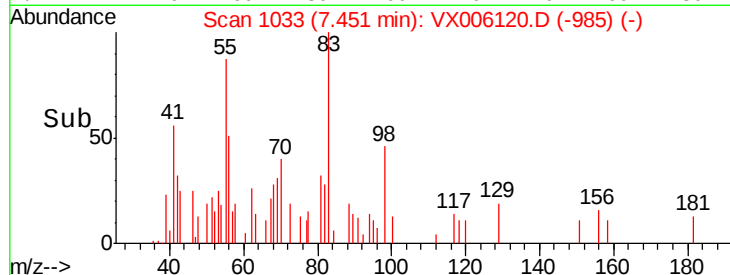
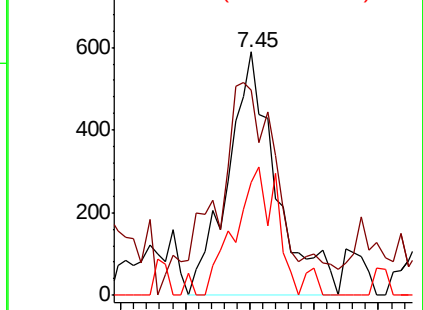
#39
Methvlcvclohexane
Concen: 0.277 ug/l
RT: 7.45 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VX006120.D
Acq: 21 Nov 2018 13:27

Instrument :
MSVOA_X
ClientSampleId :
SSI-FD-11132018

Tot Ion: 83 Resp: 1526
Ion Ratio Lower Upper
83 100
55 73.5 63.9 95.9
98 46.5 36.8 55.2

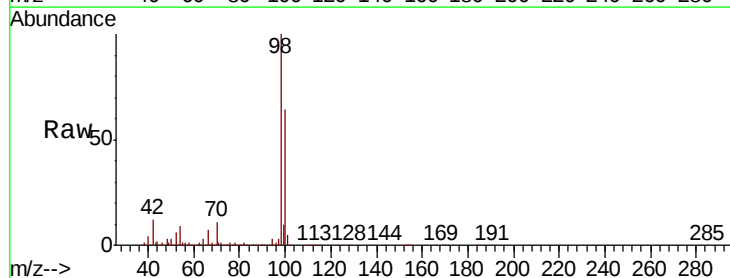


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

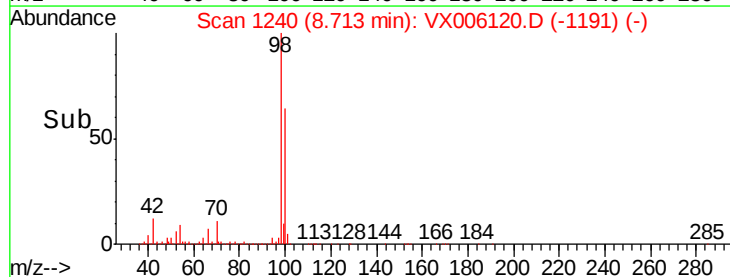
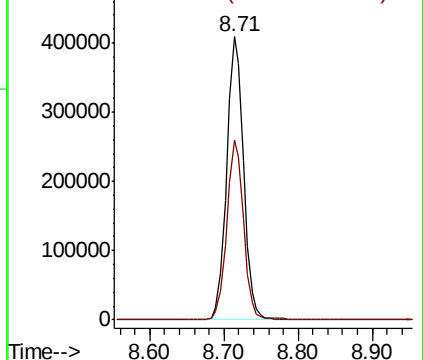


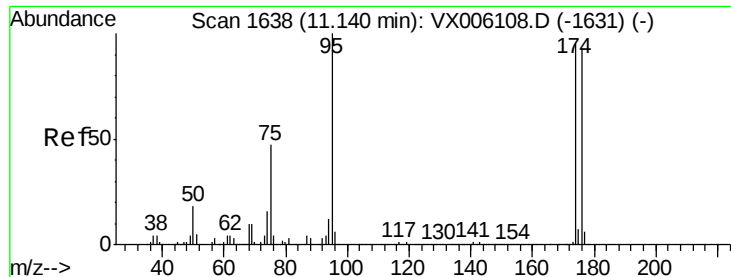
#50
Toluene-d8
Concen: 50.026 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006120.D
Acq: 21 Nov 2018 13:27

Tgt Ion: 98 Resp: 650496
Ion Ratio Lower Upper
98 100
100 63.0 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.852 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006120.D

Acq: 21 Nov 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

SSI-FD-11132018

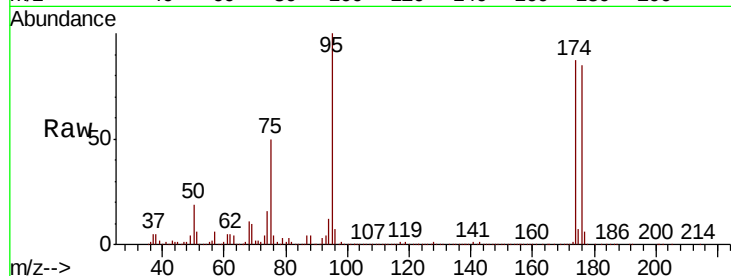
Tot Ion: 95 Resp: 238339

Ion Ratio Lower Upper

95 100

174 90.9 0.0 184.4

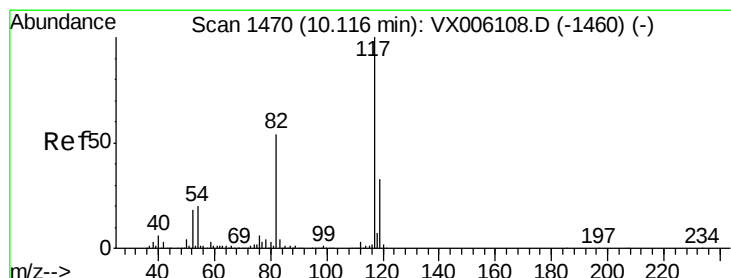
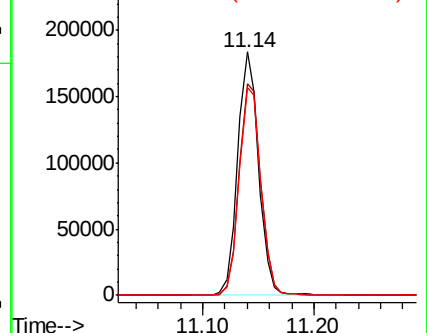
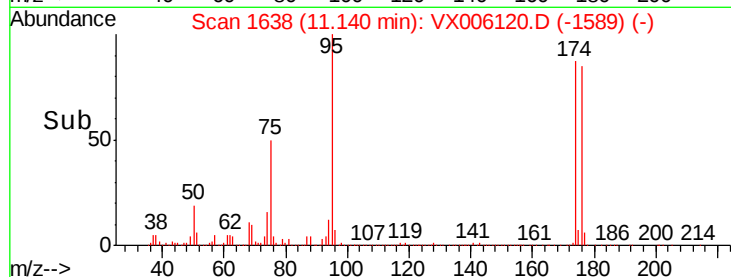
176 89.1 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX006120.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006120.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006120.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006120.D

Acq: 21 Nov 2018 13:27

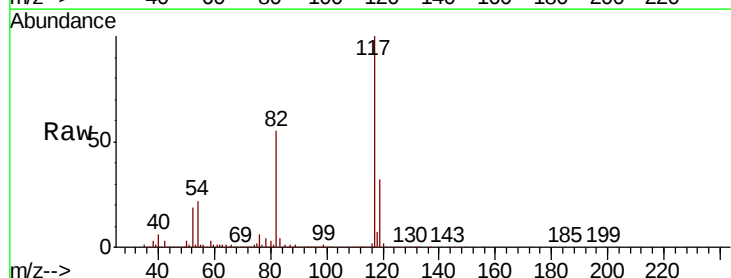
Tgt Ion: 117 Resp: 493461

Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.4

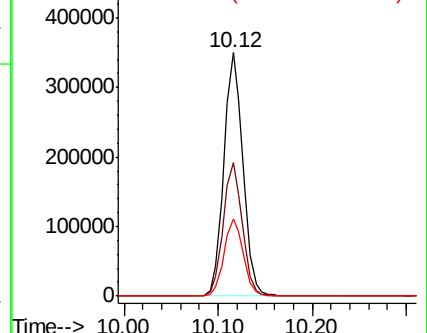
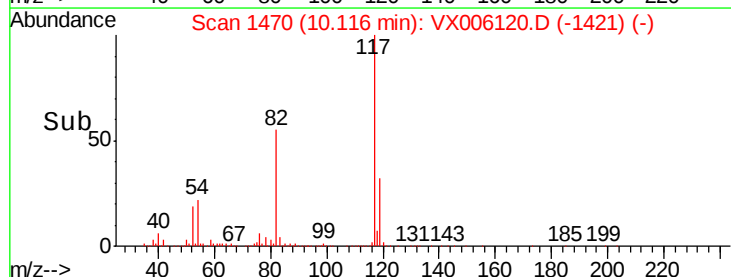
119 31.5 26.1 39.1

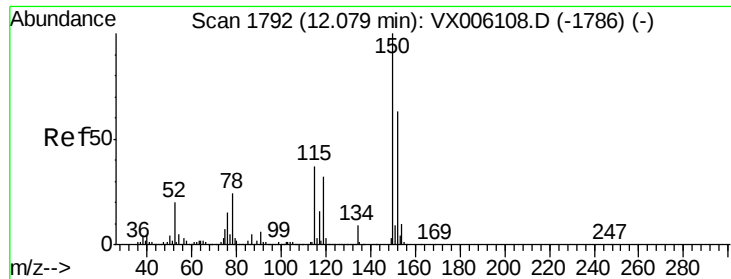


Abundance Ion 116.90 (116.60 to 117.60): VX006120.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006120.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006120.D (-1421) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006120.D

Acq: 21 Nov 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

SSI-FD-11132018

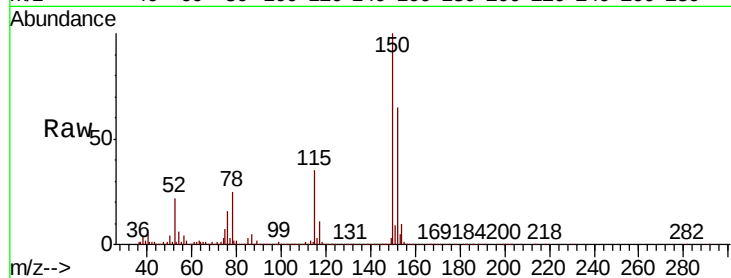
Tot Ion:152 Resp: 268705

Ion Ratio Lower Upper

152 100

115 54.2 39.0 116.9

150 156.8 0.0 346.6



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

