

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
 Data File : VX006251.D
 Acq On : 03 Dec 2018 14:17
 Operator : JC/MD
 Sample : J6153-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G

Quant Time: Dec 04 10:06:29 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

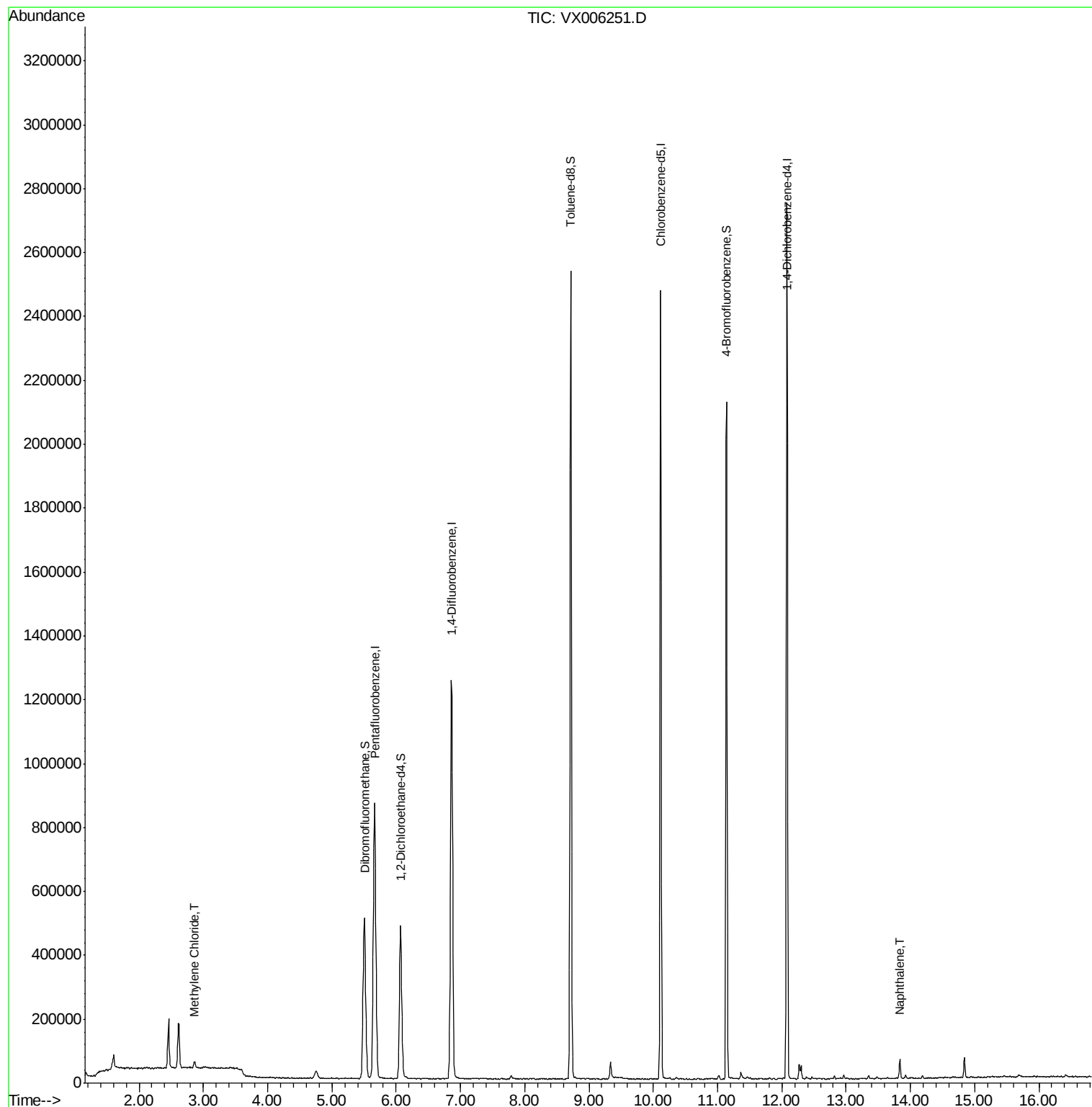
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	903592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1366854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1213596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	582579	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	445220	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	5.51	113	435648	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	8.71	98	1581502	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.14	95	576485	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
Target Compounds						
20) Methylene Chloride	2.86	84	9478	1.029	ug/l	97
95) Naphthalene	13.83	128	38305	0.856	ug/l	98

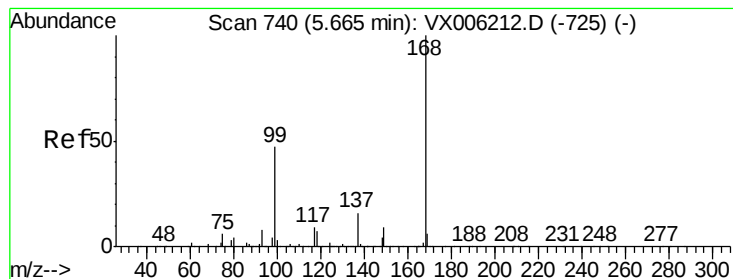
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

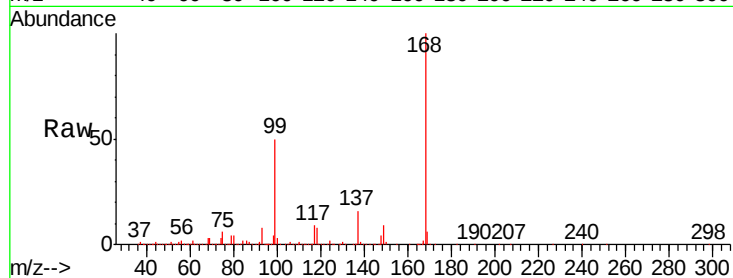
MH-G

Tgt Ion:168 Resp: 903592

Ion Ratio Lower Upper

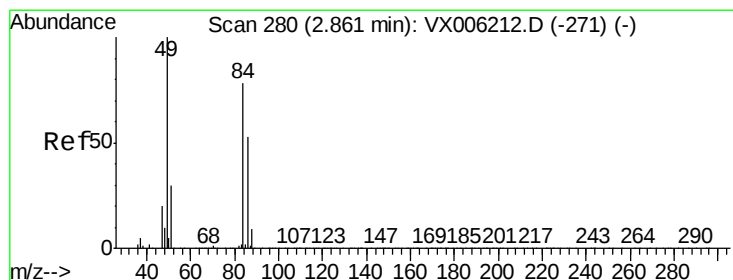
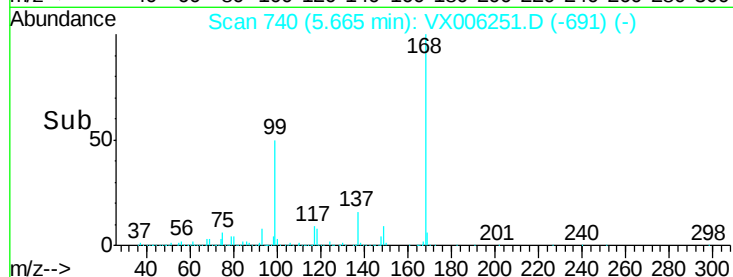
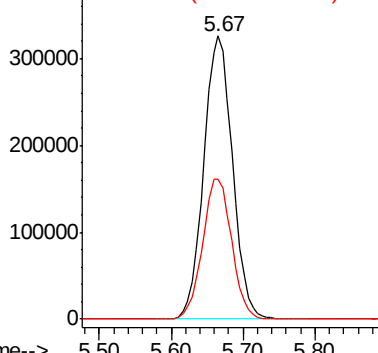
168 100

99 49.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 1.029 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

Tgt Ion: 84 Resp: 9478

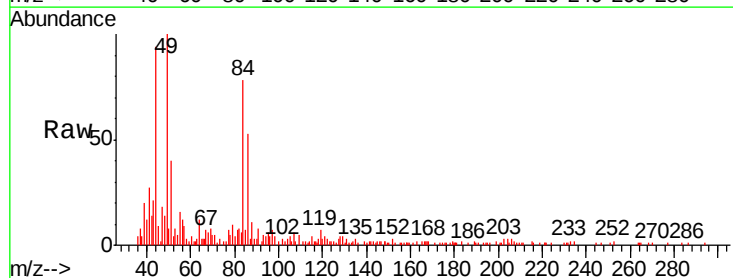
Ion Ratio Lower Upper

84 100

49 128.9 102.2 153.4

51 46.2 31.1 46.7

86 68.0 53.7 80.5

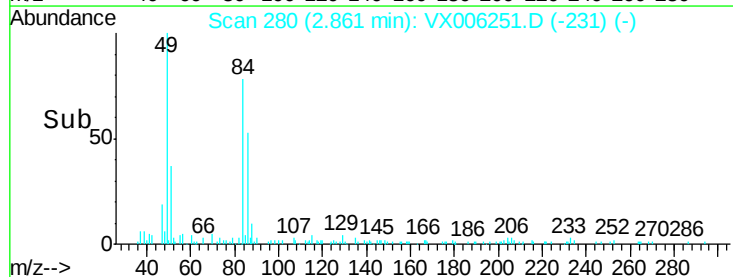
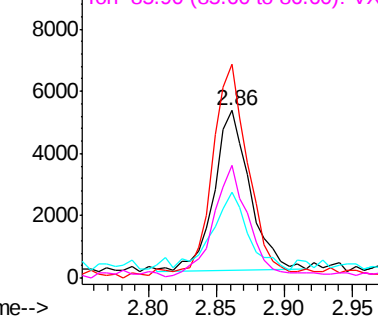


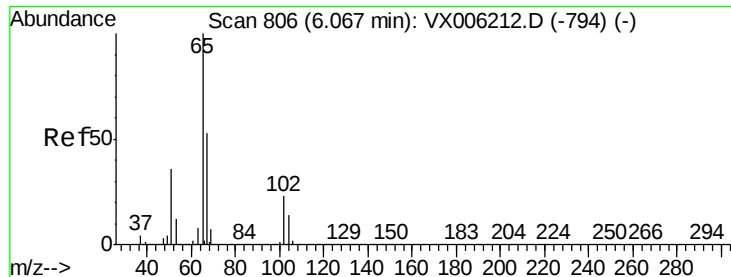
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.266 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

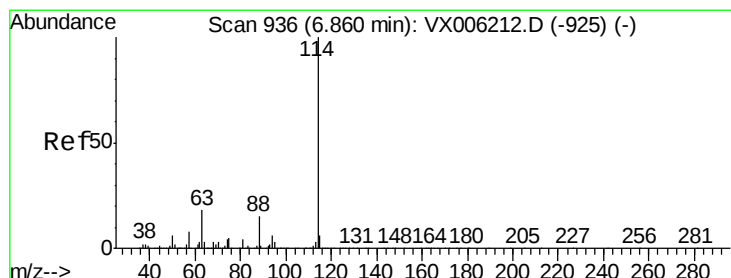
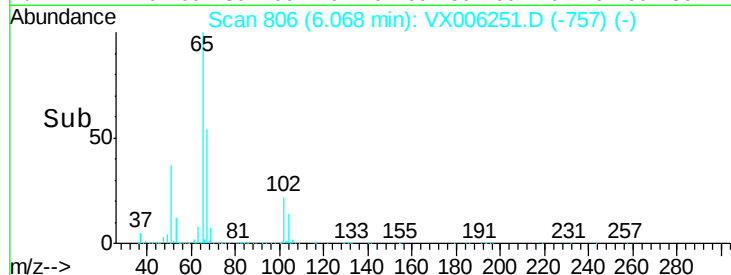
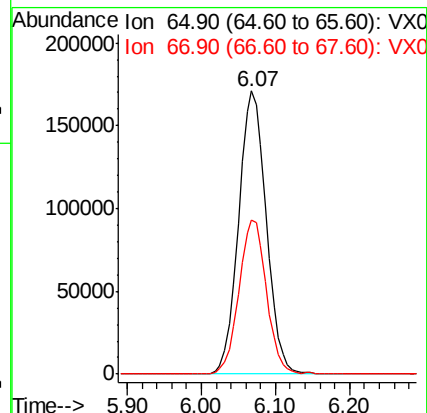
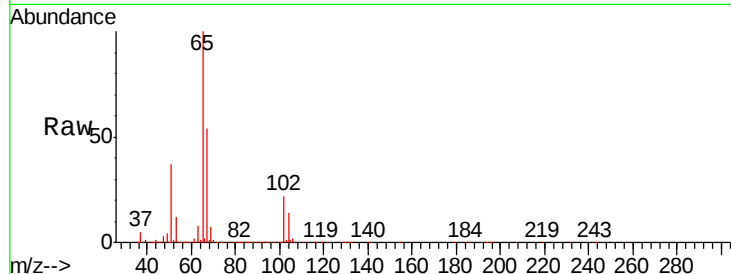
MH-G

Tgt Ion: 65 Resp: 445220

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

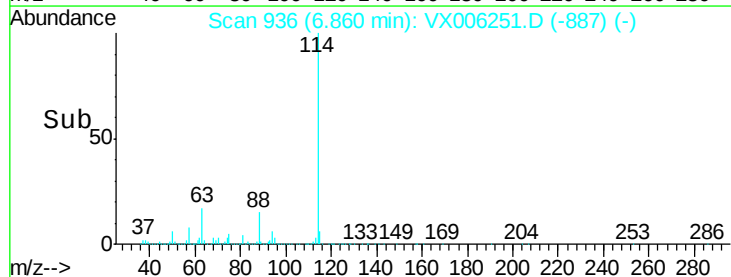
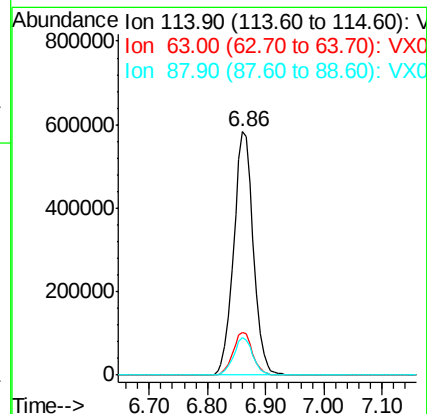
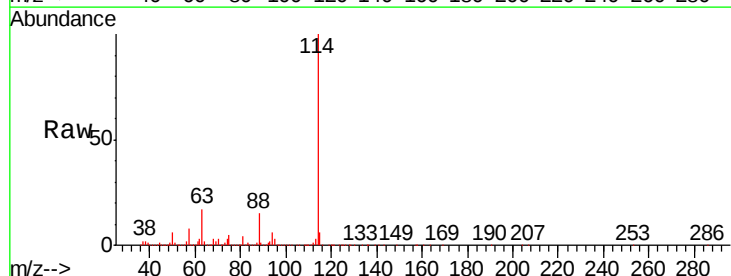
Tgt Ion: 114 Resp: 1366854

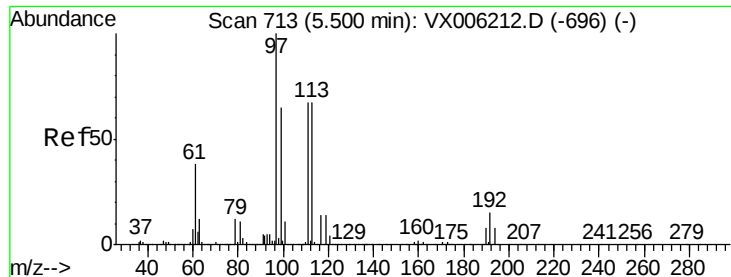
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.4 0.0 29.0

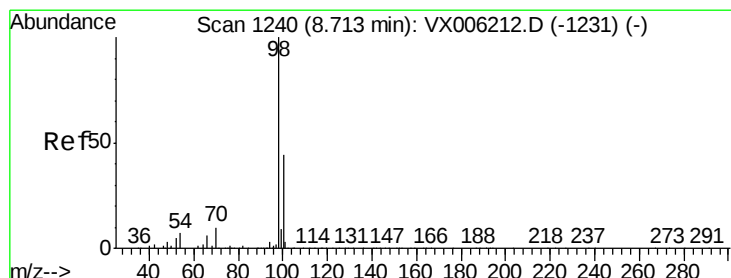
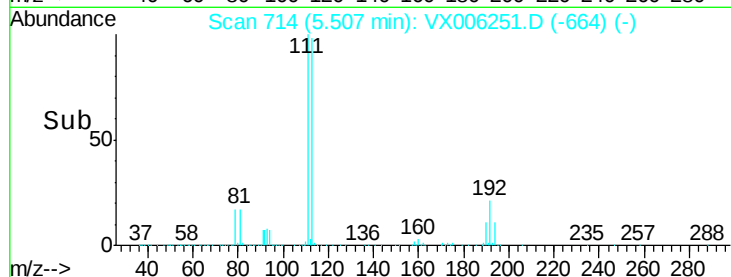
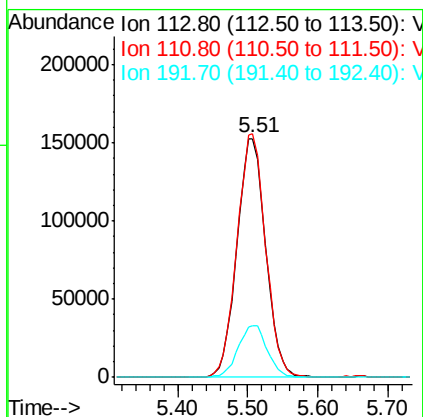
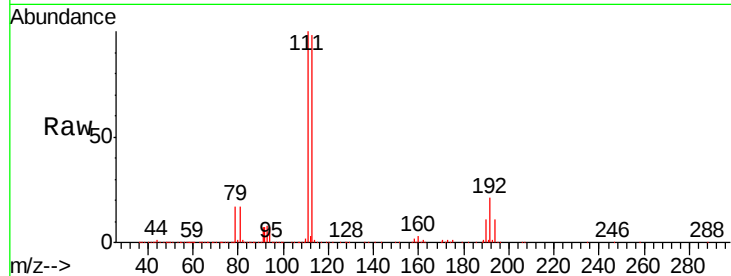




#35
 Dibromofluoromethane
 Concen: 49.227 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006251.D
 Acq: 03 Dec 2018 14:17

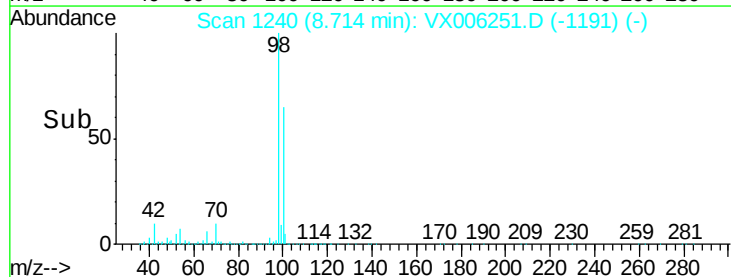
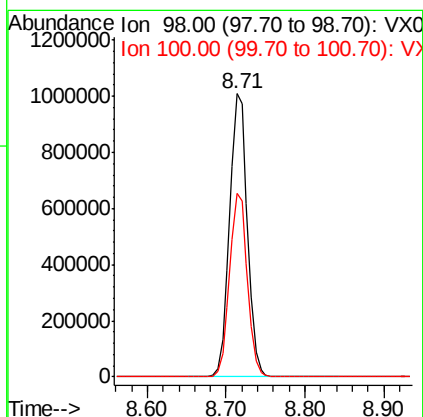
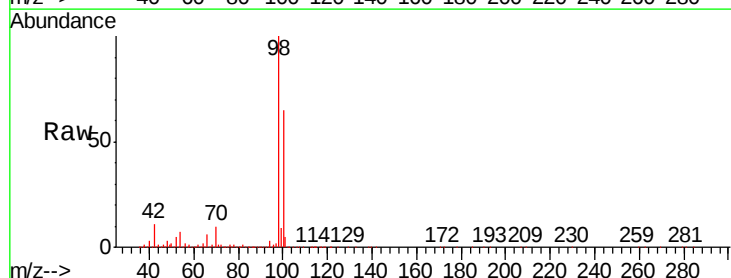
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-G

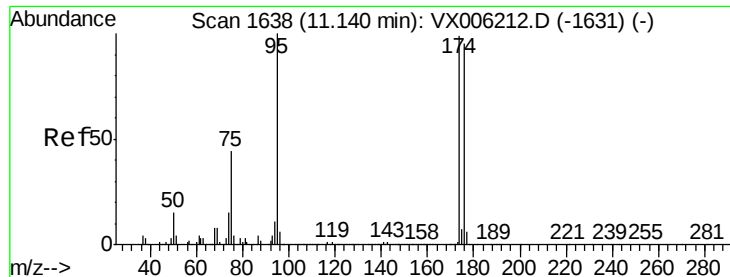
Tgt Ion:113 Resp: 435648
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.1 121.7
 192 22.1 18.2 27.2



#50
 Toluene-d8
 Concen: 49.129 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006251.D
 Acq: 03 Dec 2018 14:17

Tgt Ion: 98 Resp: 1581502
 Ion Ratio Lower Upper
 98 100
 100 64.8 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 47.524 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampleId :

MH-G

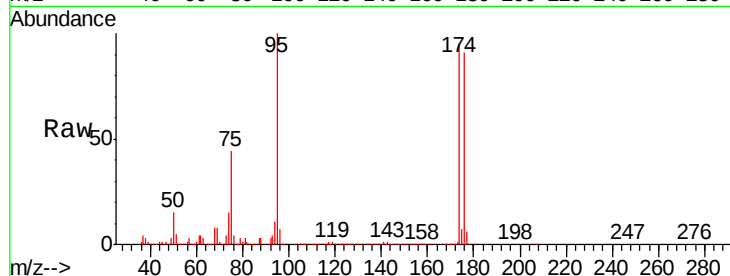
Tgt Ion: 95 Resp: 576485

Ion Ratio Lower Upper

95 100

174 89.9 0.0 187.0

176 86.6 0.0 181.8

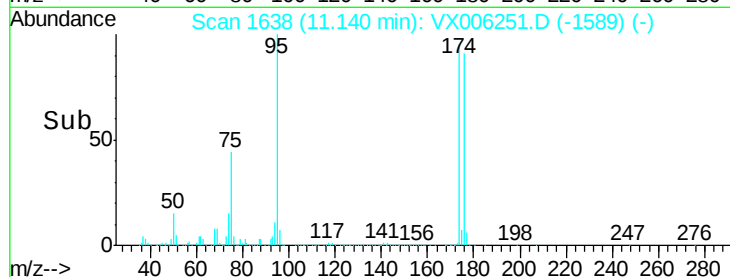


Abundance Ion 94.90 (94.60 to 95.60): VX006251.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006251.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006251.D (-1589) (-)

Time-->

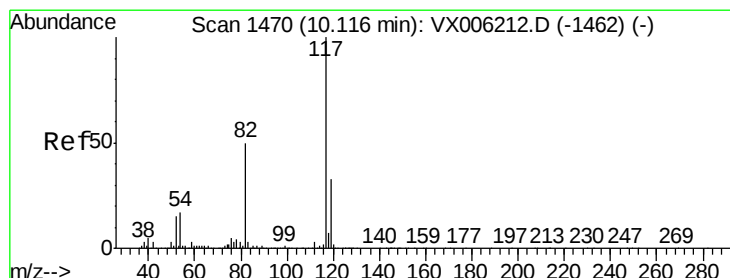


Abundance Ion 94.90 (94.60 to 95.60): VX006251.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006251.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006251.D (-1589) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

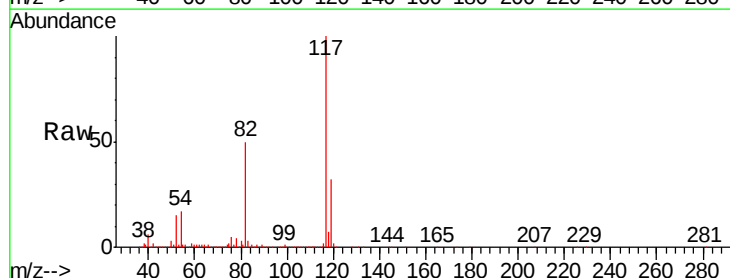
Tgt Ion: 117 Resp: 1213596

Ion Ratio Lower Upper

117 100

82 50.3 39.6 59.4

119 32.1 26.3 39.5

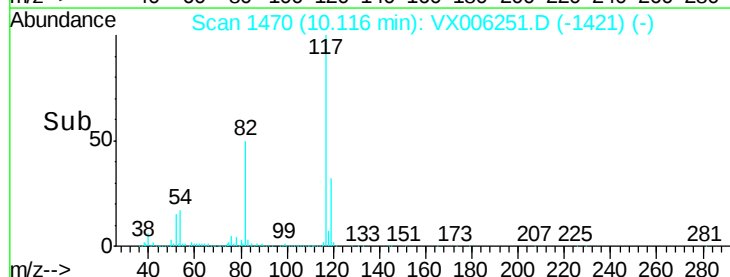


Abundance Ion 116.90 (116.60 to 117.60): VX006251.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006251.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006251.D (-1421) (-)

Time-->

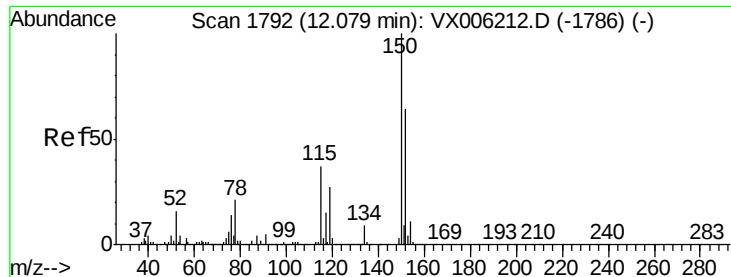


Abundance Ion 116.90 (116.60 to 117.60): VX006251.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006251.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006251.D (-1421) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

Instrument :

MSVOA_X

ClientSampled :

MH-G

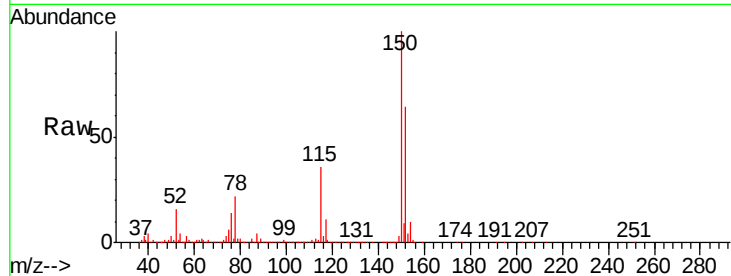
Tgt Ion:152 Resp: 582579

Ion Ratio Lower Upper

152 100

115 55.6 39.0 116.9

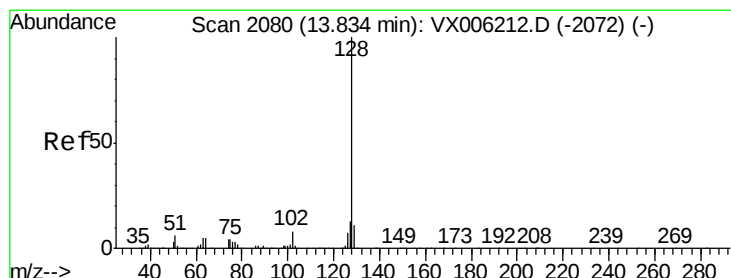
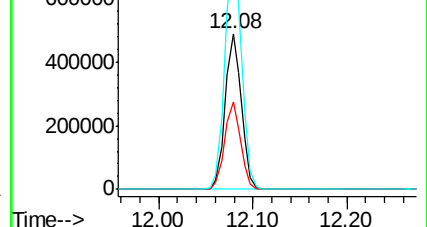
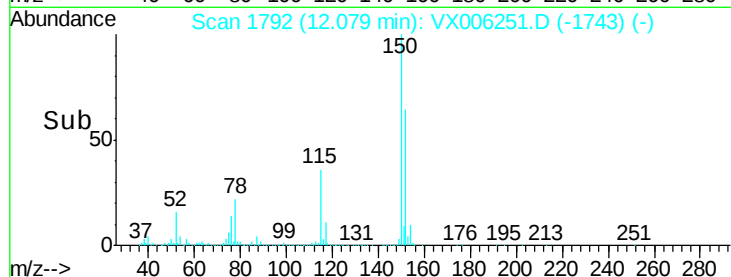
150 156.8 0.0 345.8



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



#95

Naphthalene

Concen: 0.856 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006251.D

Acq: 03 Dec 2018 14:17

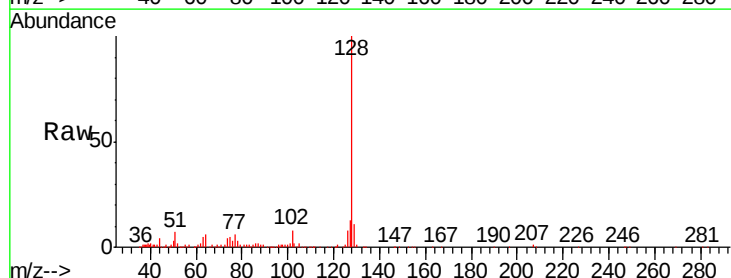
Tgt Ion:128 Resp: 38305

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 11.6 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

