

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006239.D
 Acq On : 30 Nov 2018 19:09
 Operator : JC/MD
 Sample : J6153-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-9.41

Quant Time: Dec 01 00:26:07 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

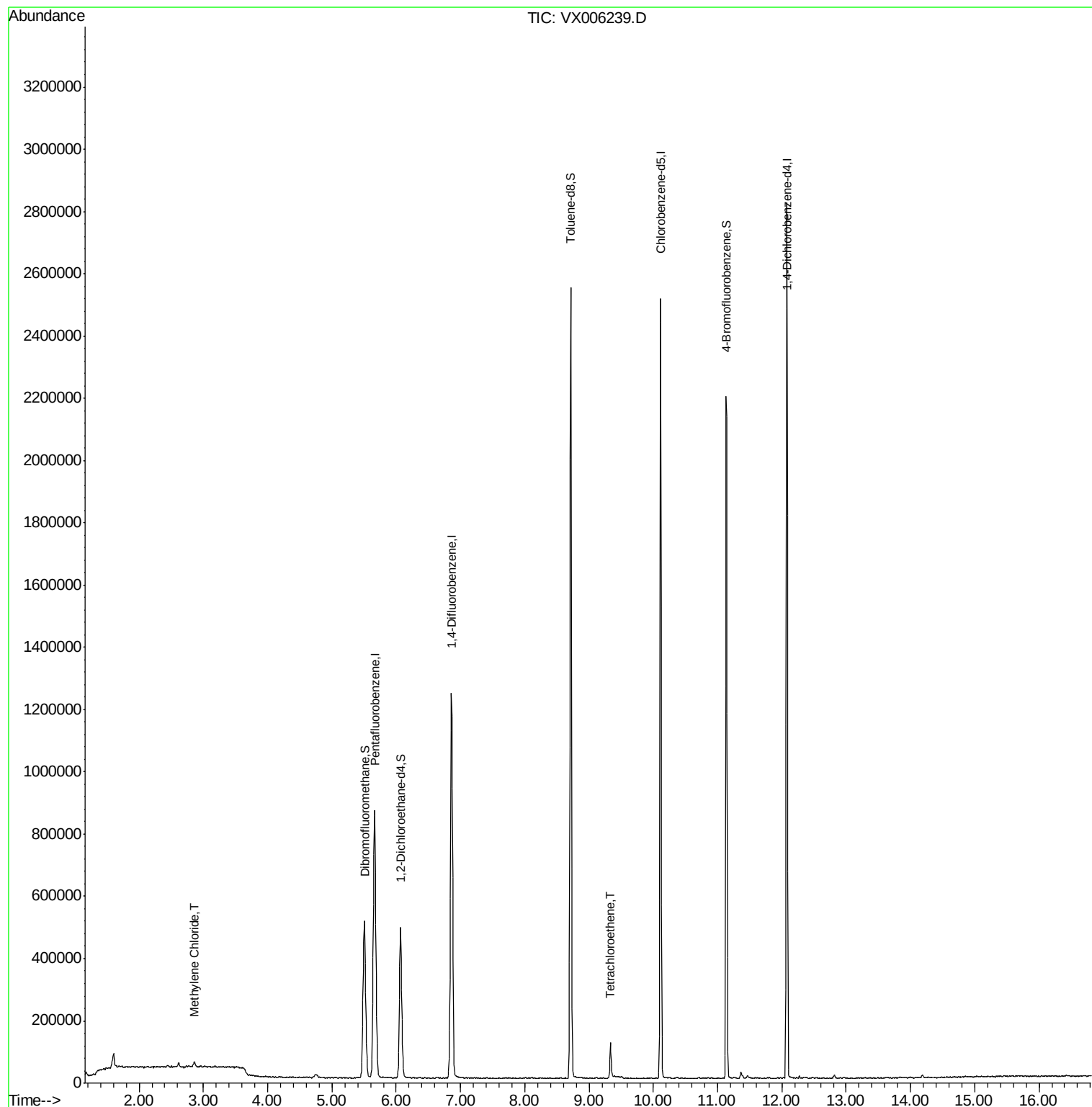
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	904140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1353360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1234153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	606360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	446452	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
35) Dibromofluoromethane	5.51	113	433581	49.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.96%	
50) Toluene-d8	8.71	98	1584636	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	587153	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
20) Methylene Chloride	2.86	84	9185	0.996	ug/l #	85
64) Tetrachloroethene	9.34	164	15579	1.676	ug/l	94

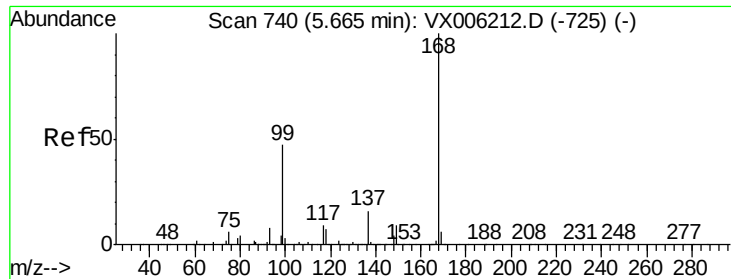
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampled :

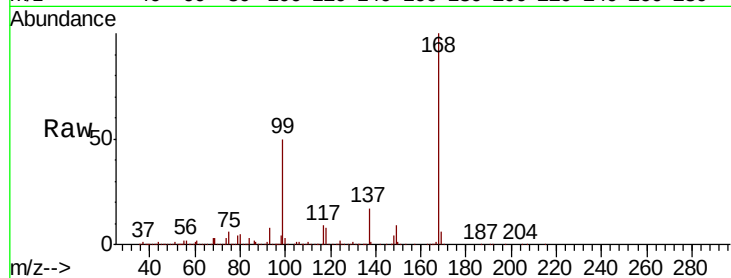
MH-9.41

Tot Ion:168 Resp: 904140

Ion Ratio Lower Upper

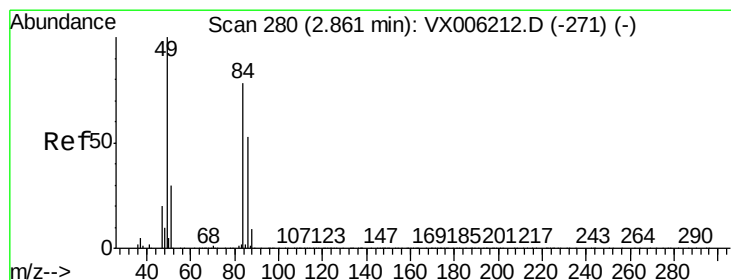
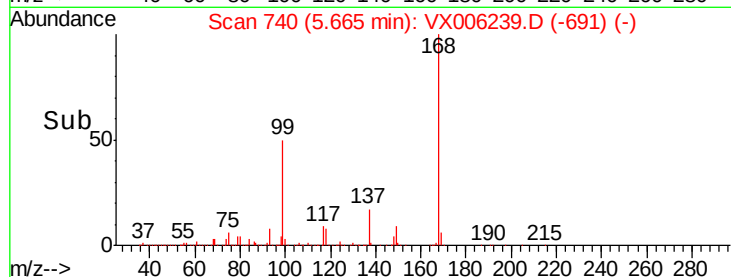
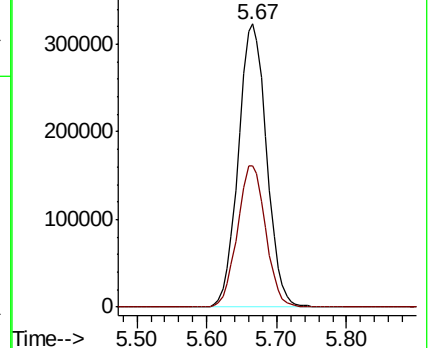
168 100

99 49.9 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: 0.996 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

Tgt Ion: 84 Resp: 9185

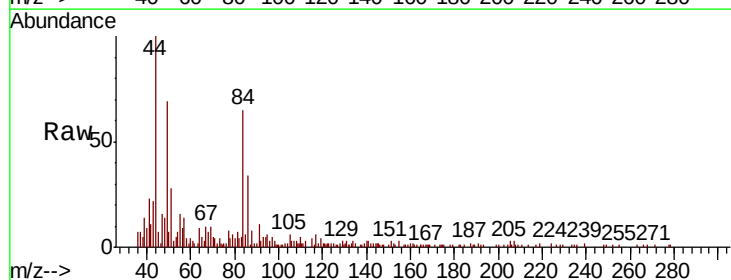
Ion Ratio Lower Upper

84 100

49 108.4 102.2 153.4

51 39.0 31.1 46.7

86 52.0 53.7 80.5#

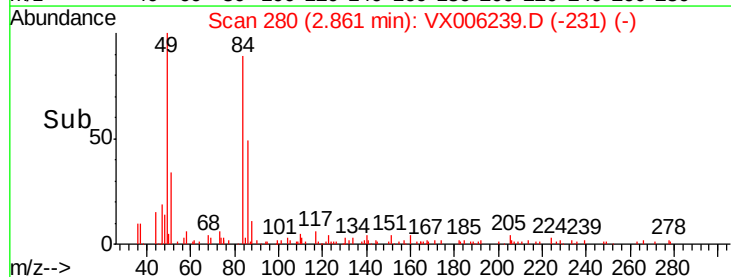
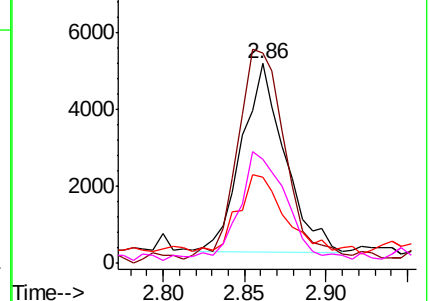


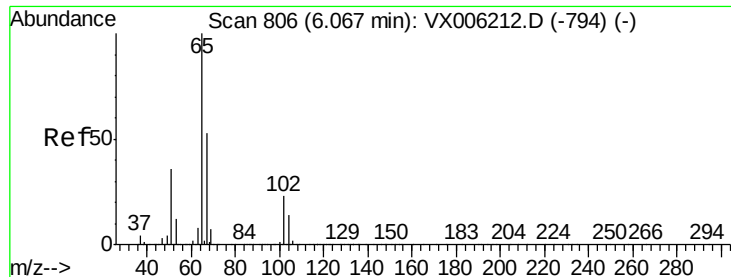
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

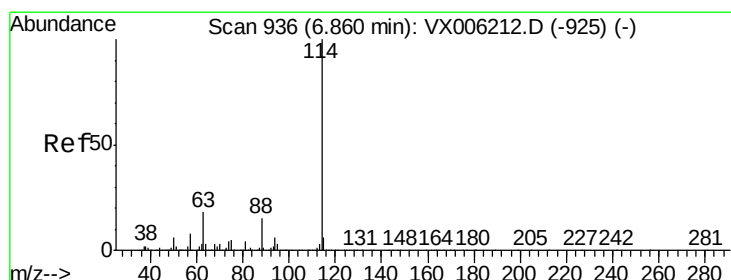
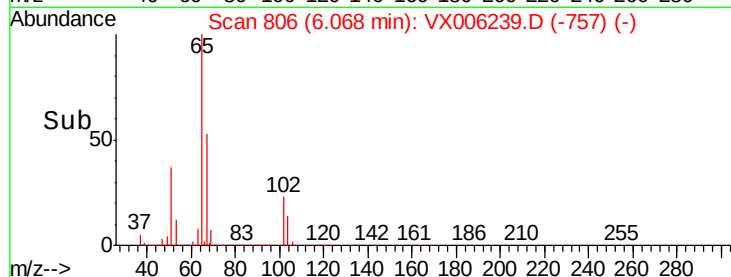
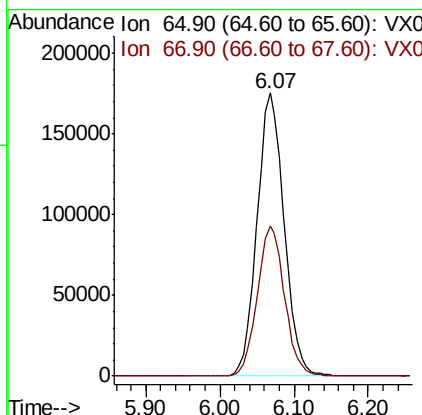
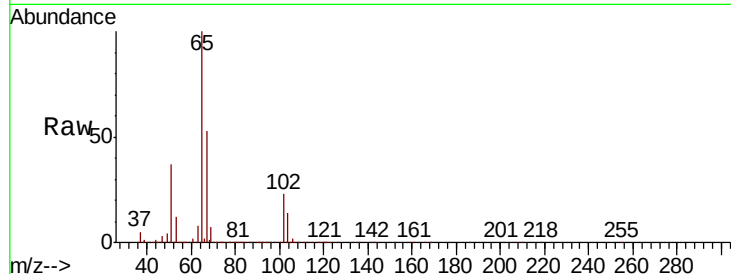




#33
 1,2-Dichloroethane-d4
 Concen: 48.371 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006239.D
 Acq: 30 Nov 2018 19:09

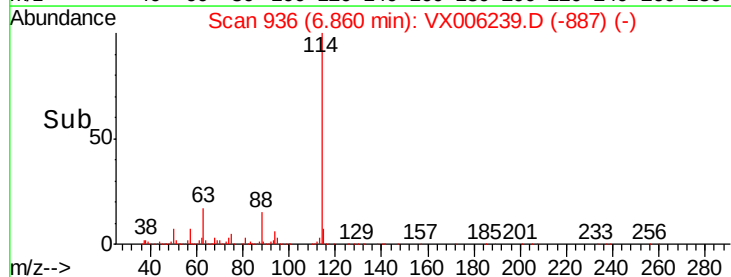
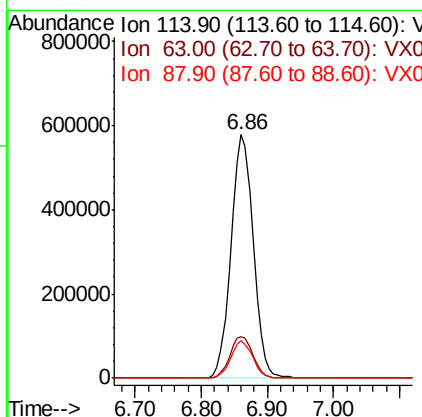
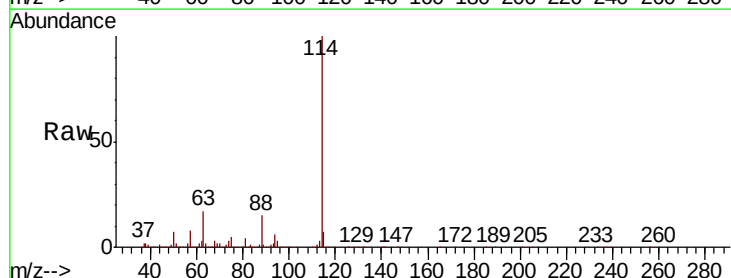
Instrument :
 MSVOA_X
 ClientSampled :
 MH-9.41

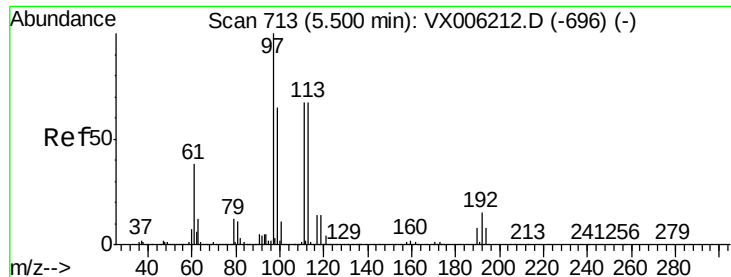
Tot Ion: 65 Resp: 446452
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006239.D
 Acq: 30 Nov 2018 19:09

Tgt Ion: 114 Resp: 1353360
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.6
 88 15.2 0.0 29.0

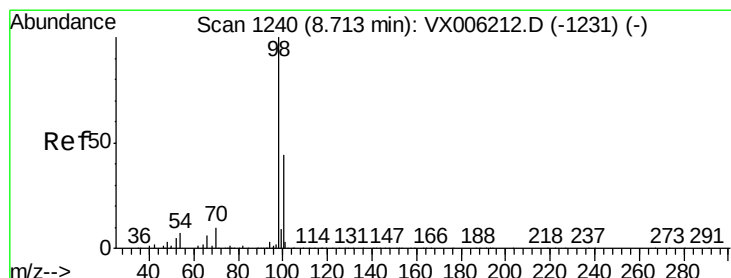
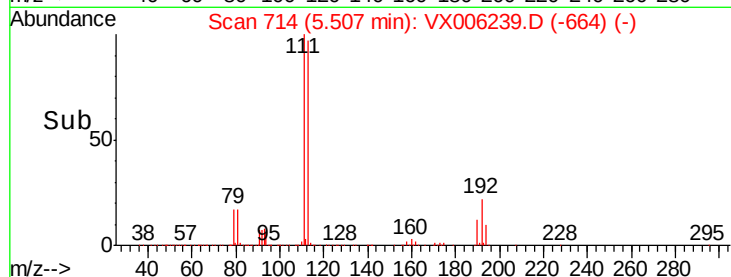
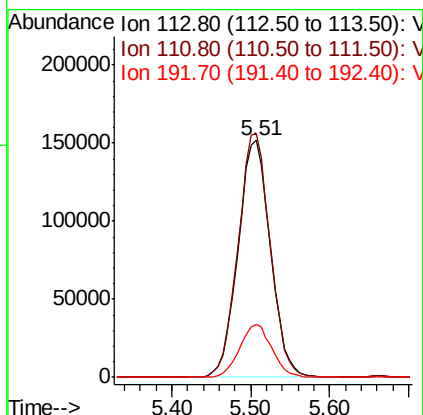
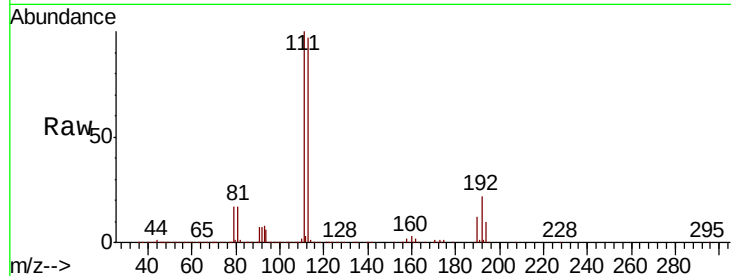




#35
 Dibromofluoromethane
 Concen: 49.482 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006239.D
 Acq: 30 Nov 2018 19:09

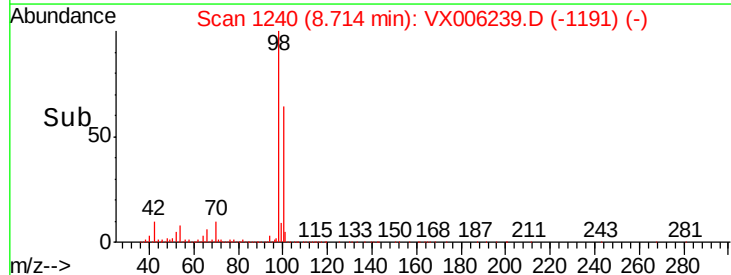
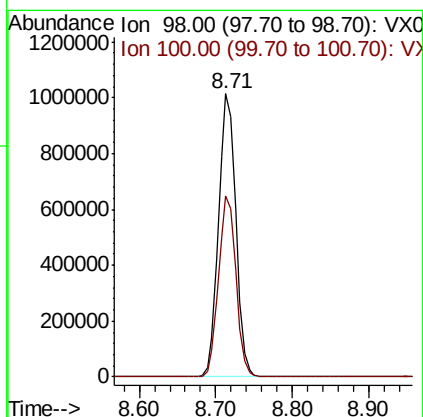
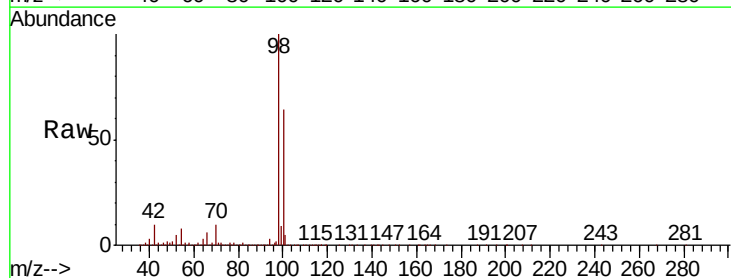
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-9.41

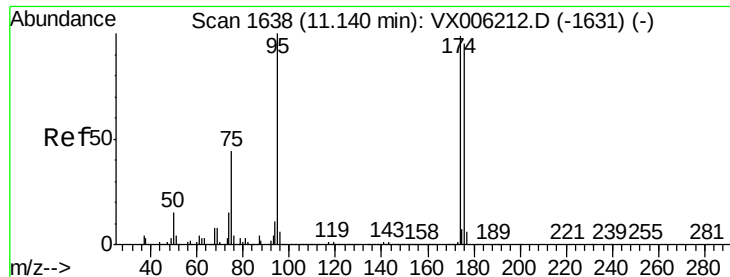
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.1	121.7
192	22.2	18.2	27.2



#50
 Toluene-d8
 Concen: 49.717 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX006239.D
 Acq: 30 Nov 2018 19:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 48.886 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

MH-9.41

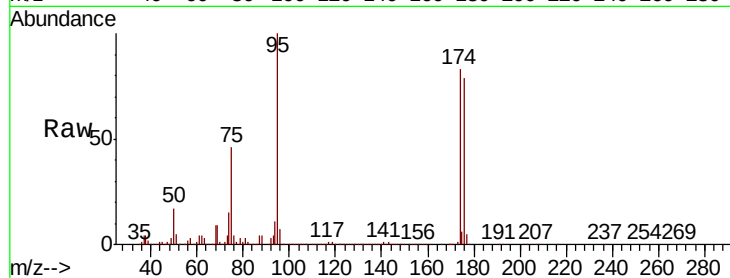
Tot Ion: 95 Resp: 587153

Ion Ratio Lower Upper

95 100

174 90.2 0.0 187.0

176 87.4 0.0 181.8



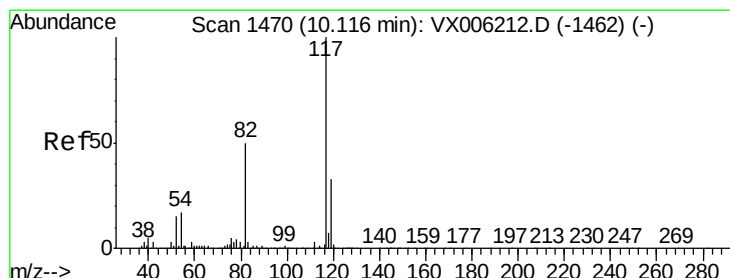
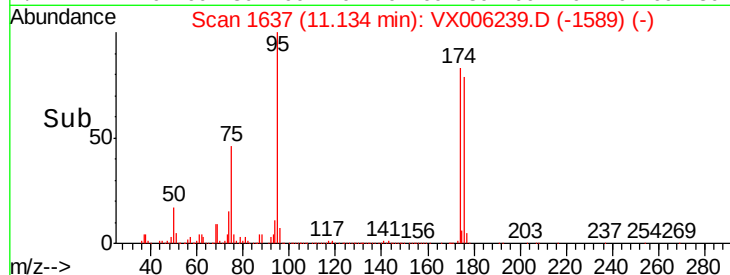
Abundance Ion 94.90 (94.60 to 95.60): VX006212.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006212.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006212.D (-1631) (-)

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

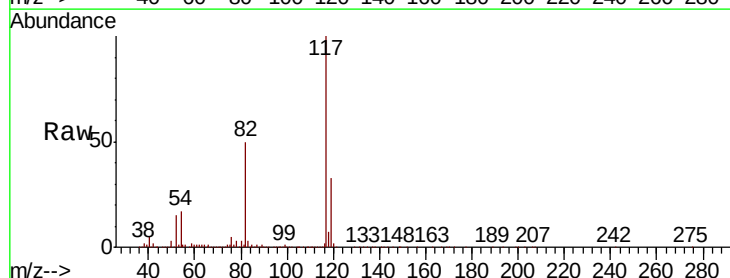
Tgt Ion: 117 Resp: 1234153

Ion Ratio Lower Upper

117 100

82 50.2 39.6 59.4

119 32.7 26.3 39.5



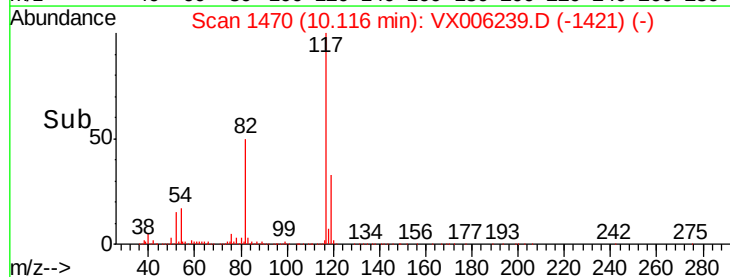
Abundance Ion 116.90 (116.60 to 117.60): VX006212.D (-1462) (-)

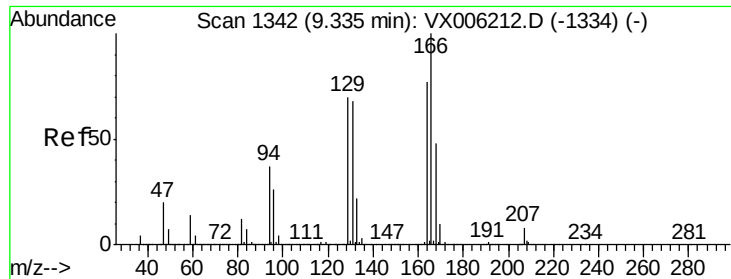
Ion 82.00 (81.70 to 82.70): VX006212.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006212.D (-1462) (-)

10.12

Time-->

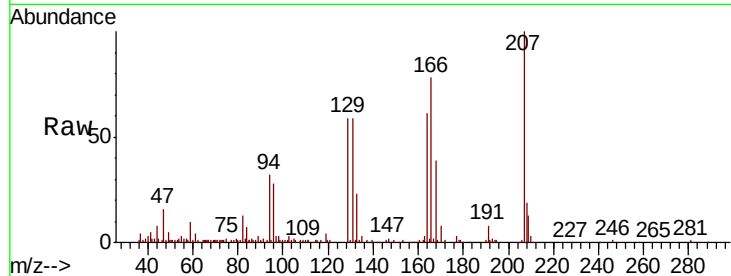




#64
Tetrachloroethene
Concen: 1.676 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006239.D
Acq: 30 Nov 2018 19:09

Instrument :
MSVOA_X
ClientSampleId :
MH-9.41

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.2	104.2	156.2
129	97.1	72.6	108.8
131	97.1	70.3	105.5



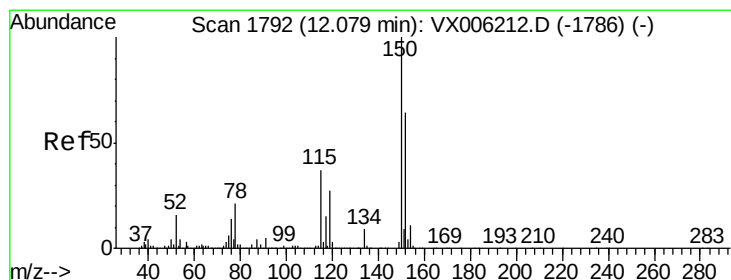
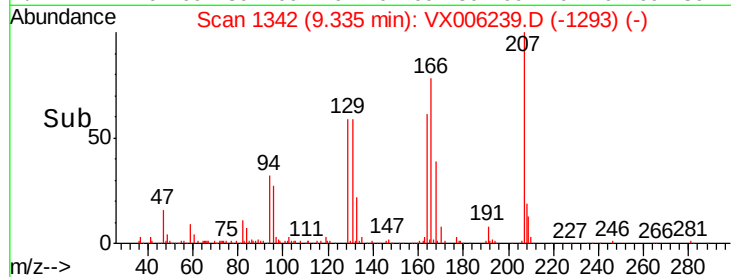
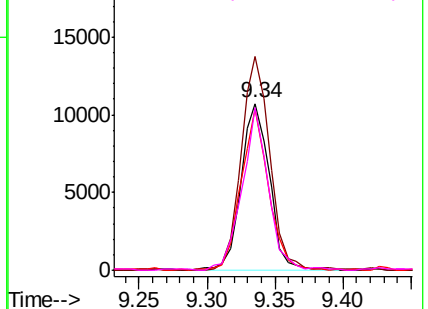
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

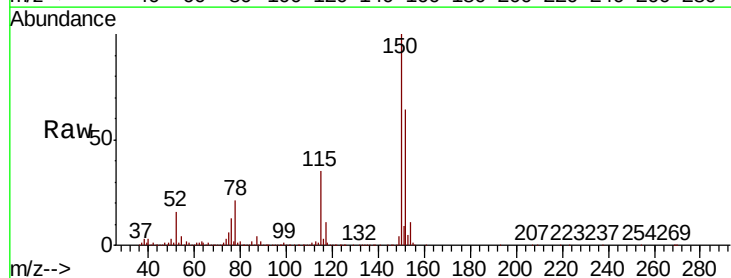
Ion 128.80 (128.50 to 129.50): V

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: VX006239.D
Acq: 30 Nov 2018 19:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	39.0	116.9
150	157.2	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

