

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008942.D
 Acq On : 13 Apr 2019 19:16
 Operator : JC/SP
 Sample : K2385-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW317-190410

Quant Time: Apr 15 04:29:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

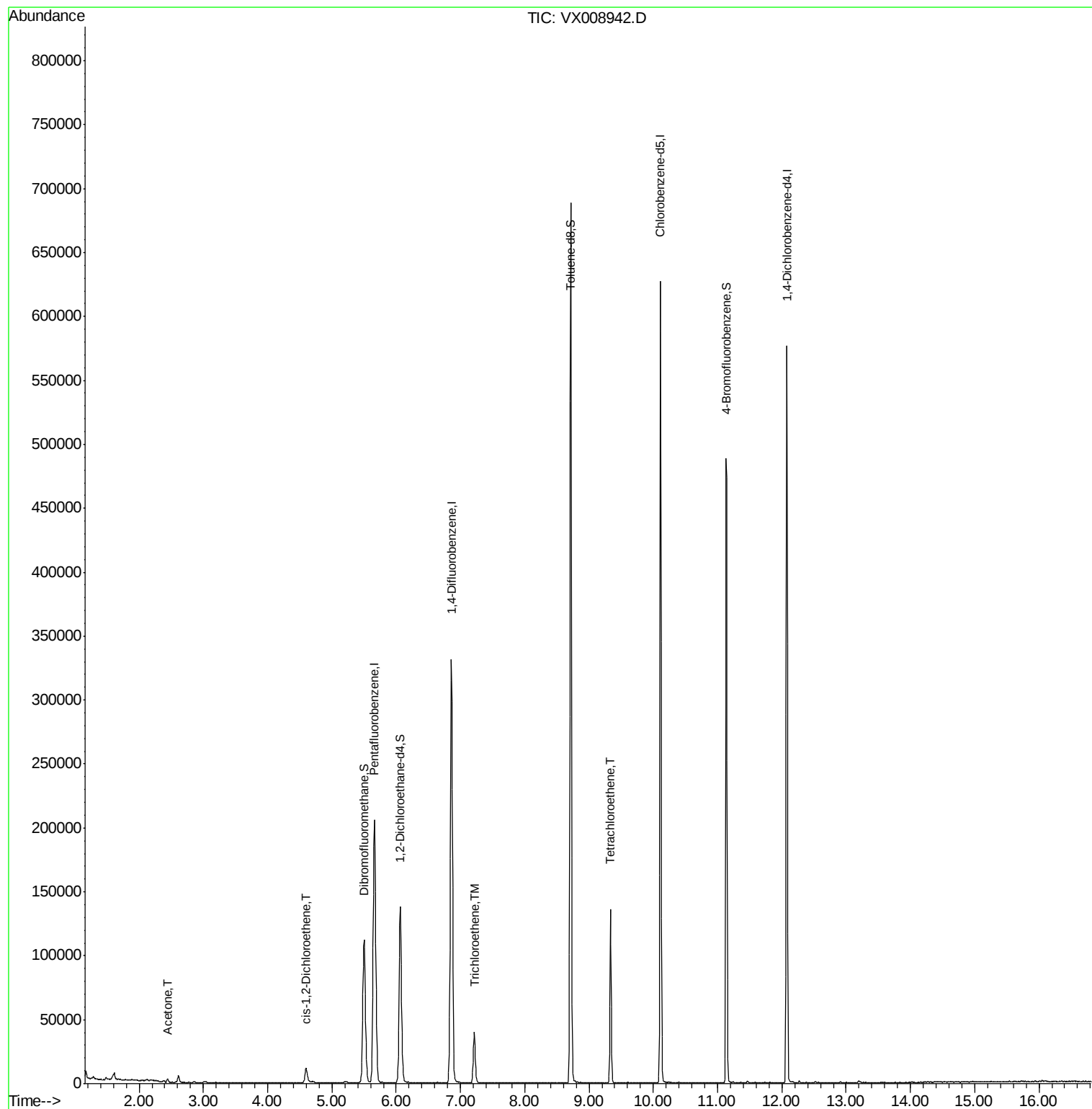
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	322433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117833	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	131010	44.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.08%	
35) Dibromofluoromethane	5.50	113	96810	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	8.71	98	398359	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	11.13	95	132553	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
16) Acetone	2.44	43	2793	1.648	ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	7014	2.419	ug/l	85
44) Trichloroethene	7.21	130	15426	6.308	ug/l	92
64) Tetrachloroethene	9.34	164	25651	12.489	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. 0.01 min

Lab File: VX008942.D

Acq: 13 Apr 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

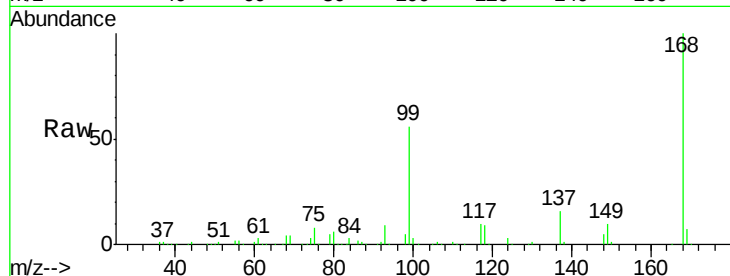
SS040MW317-190410

Tot Ion:168 Resp: 201682

Ion Ratio Lower Upper

168 100

99 56.5 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

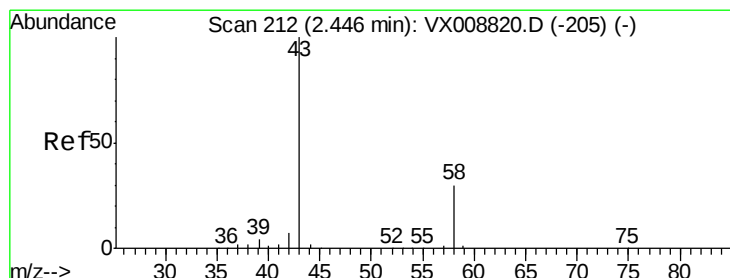
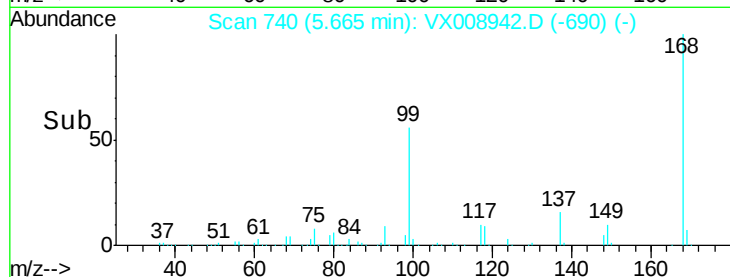
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.648 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008942.D

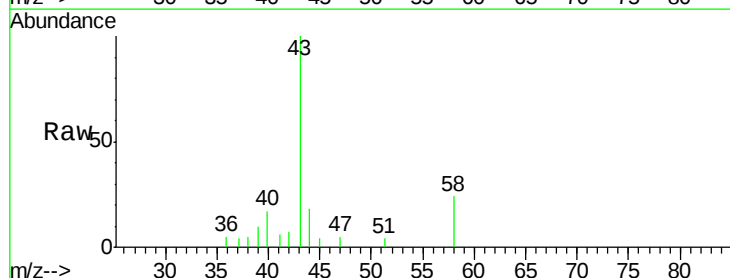
Acq: 13 Apr 2019 19:16

Tgt Ion: 43 Resp: 2793

Ion Ratio Lower Upper

43 100

58 24.7 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

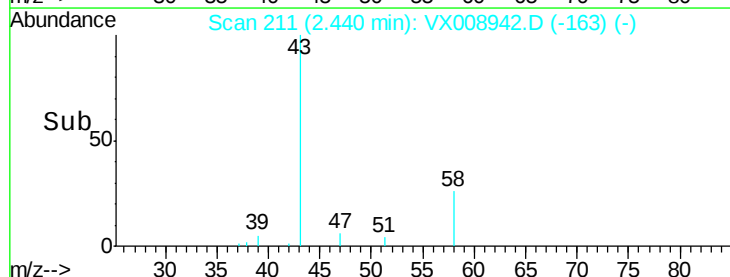
1500

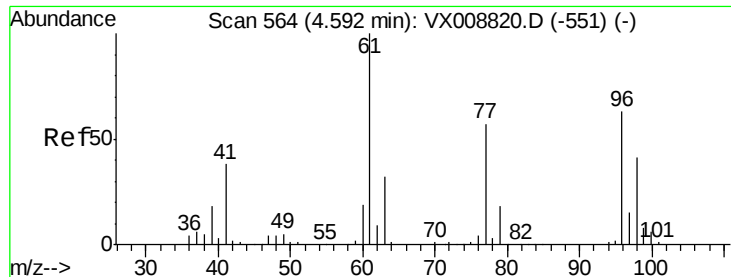
1000

500

0

Time--> 2.40 2.45 2.50



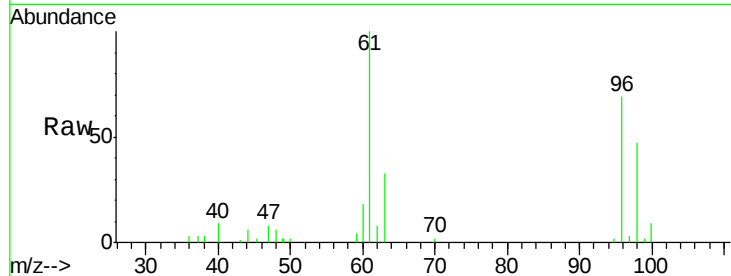


#27

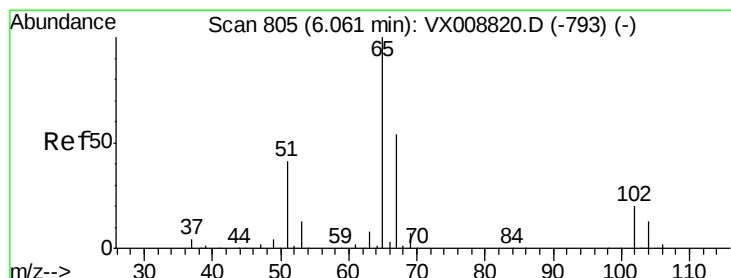
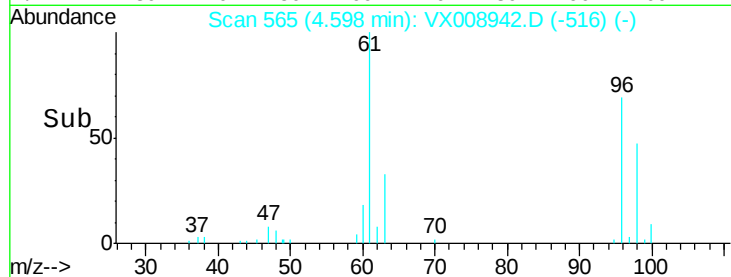
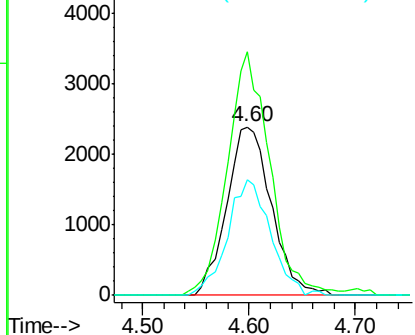
cis-1,2-Dichloroethene
 Concen: 2.419 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX008942.D
 Acq: 13 Apr 2019 19:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SS040MW317-190410

Tot Ion: 96 Resp: 7014
 Ion Ratio Lower Upper
 96 100
 61 137.2 0.0 327.6
 98 65.9 0.0 128.6



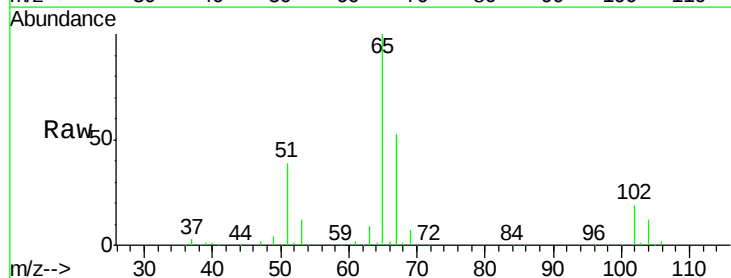
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



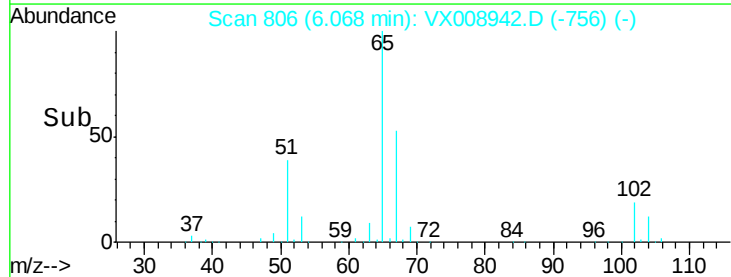
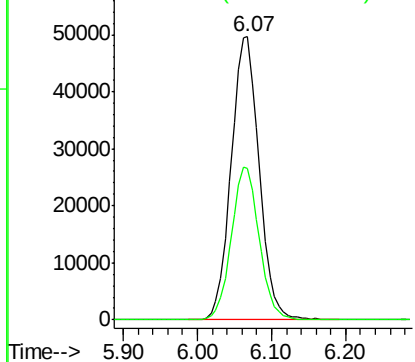
#33

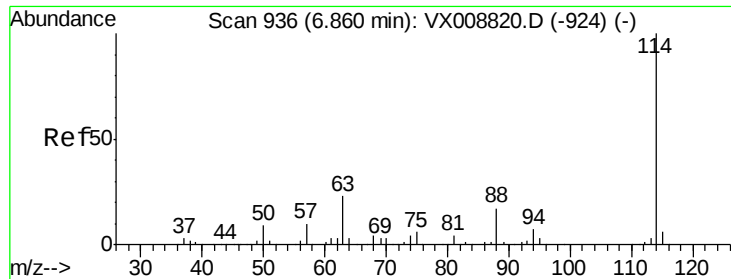
1,2-Dichloroethane-d4
 Concen: 44.536 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX008942.D
 Acq: 13 Apr 2019 19:16

Tgt Ion: 65 Resp: 131010
 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

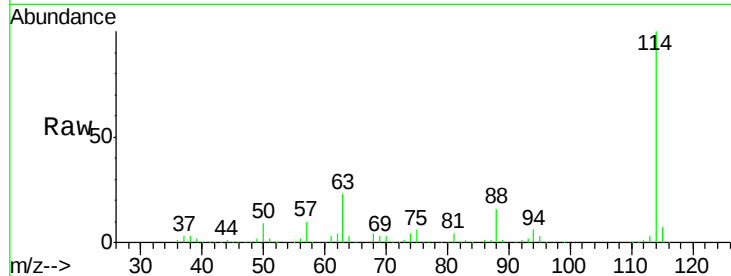




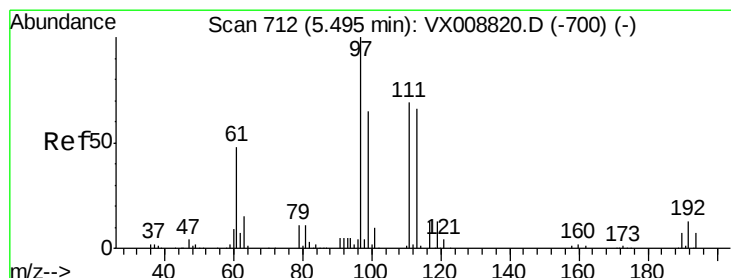
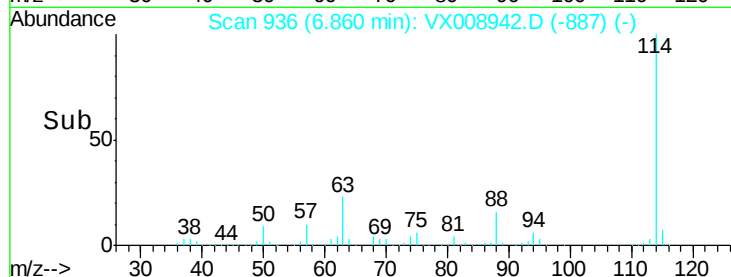
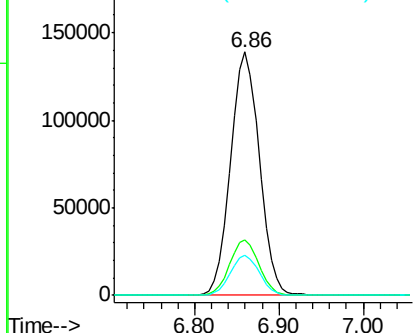
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008942.D
Acq: 13 Apr 2019 19:16

Instrument :
MSVOA_X
ClientSampleId :
SS040MW317-190410

Tot Ion:114 Resp: 322433
Ion Ratio Lower Upper
114 100
63 22.8 0.0 47.2
88 16.3 0.0 34.0

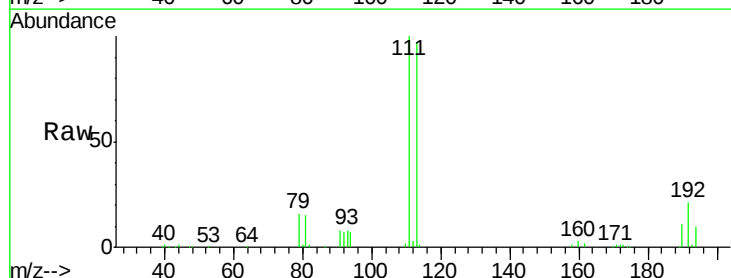


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

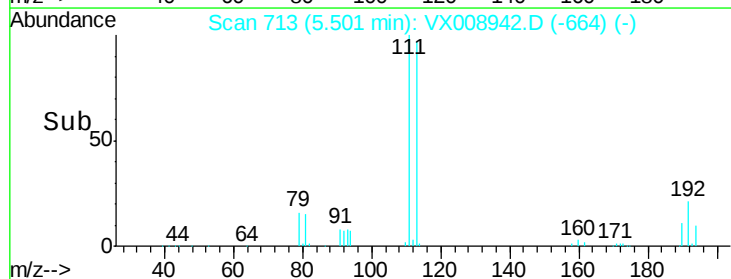
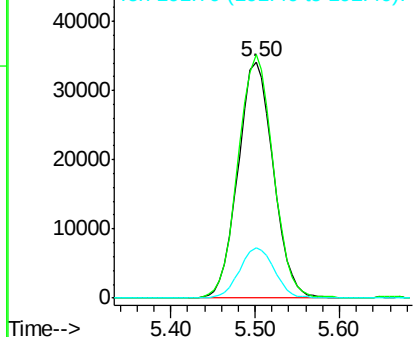


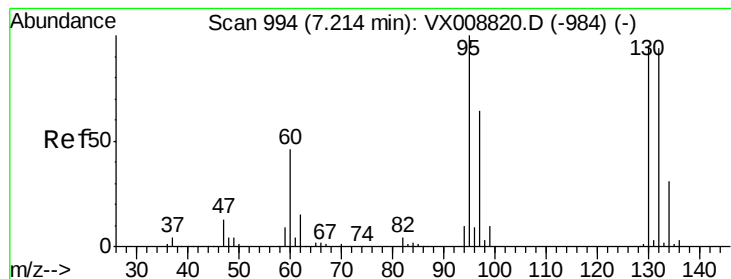
#35
Dibromofluoromethane
Concen: 46.961 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008942.D
Acq: 13 Apr 2019 19:16

Tgt Ion:113 Resp: 96810
Ion Ratio Lower Upper
113 100
111 102.8 83.4 125.2
192 21.0 16.1 24.1



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





#44

Trichloroethene

Concen: 6.308 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008942.D

Acq: 13 Apr 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

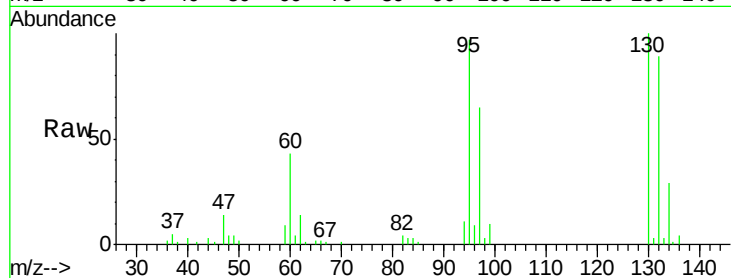
SS040MW317-190410

Tot Ion:130 Resp: 15426

Ion Ratio Lower Upper

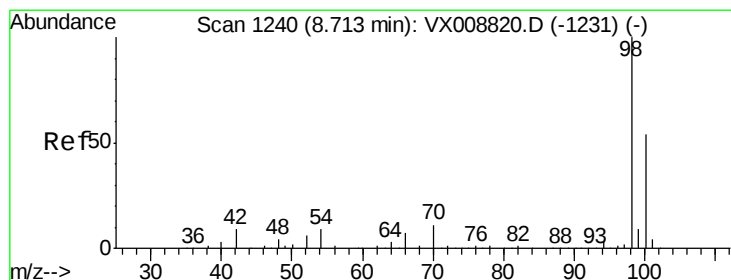
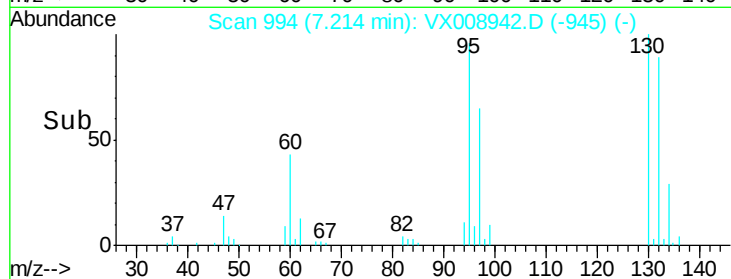
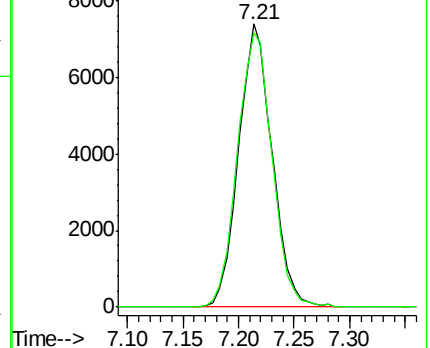
130 100

95 97.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.531 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008942.D

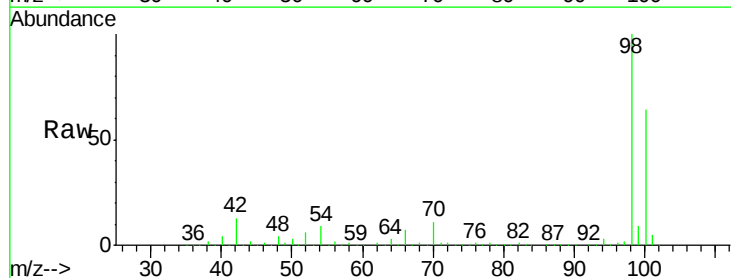
Acq: 13 Apr 2019 19:16

Tgt Ion: 98 Resp: 398359

Ion Ratio Lower Upper

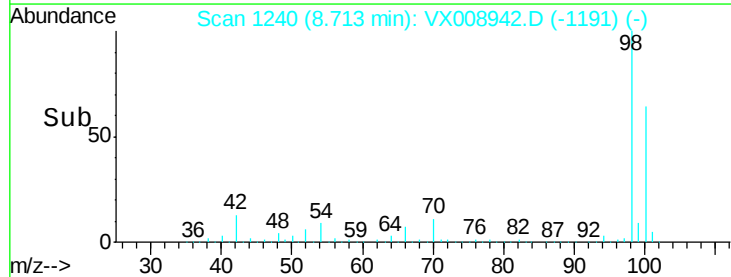
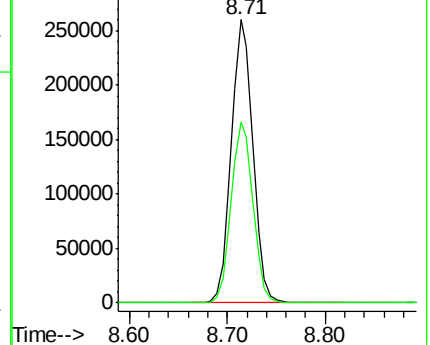
98 100

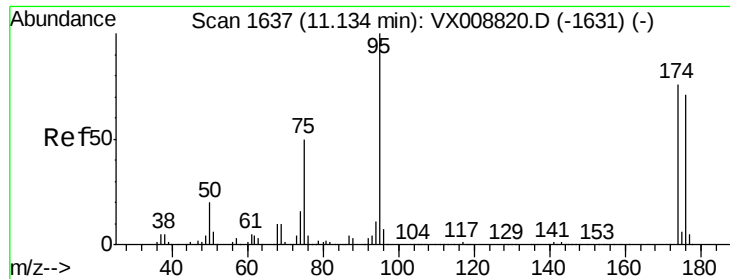
100 64.4 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.538 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008942.D

Acq: 13 Apr 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

SS040MW317-190410

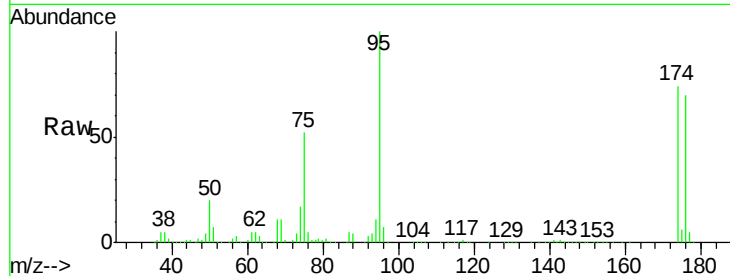
Tot Ion: 95 Resp: 132553

Ion Ratio Lower Upper

95 100

174 79.4 0.0 151.8

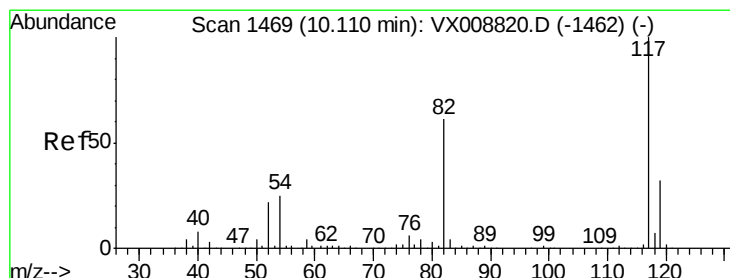
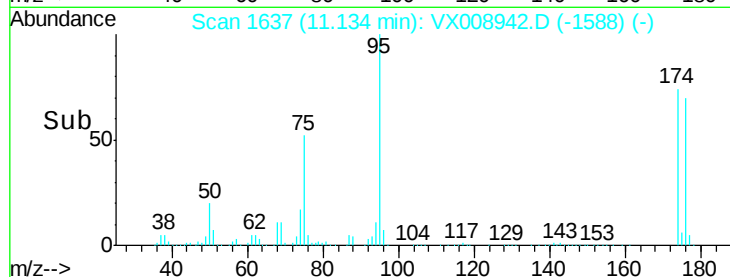
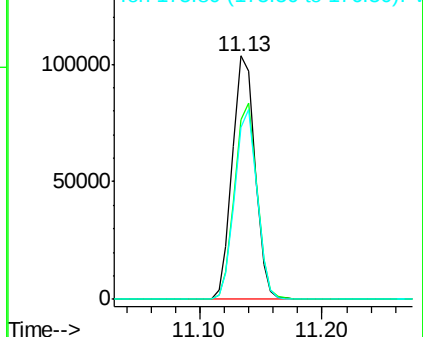
176 76.6 0.0 145.8



Abundance Ion 94.90 (94.60 to 95.60): VX008820.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX008820.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX008820.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008942.D

Acq: 13 Apr 2019 19:16

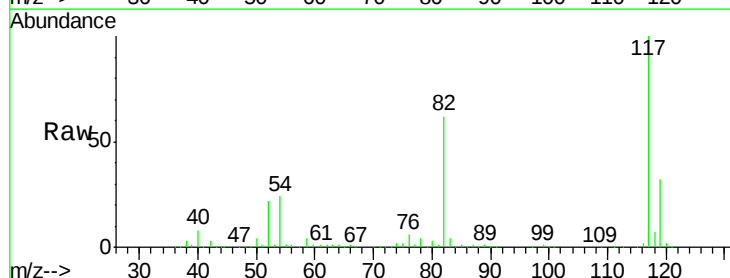
Tgt Ion: 117 Resp: 277227

Ion Ratio Lower Upper

117 100

82 61.6 49.6 74.4

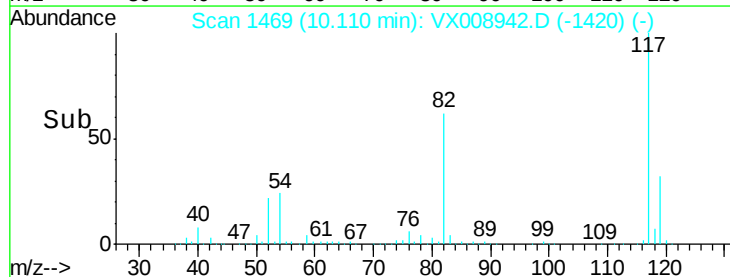
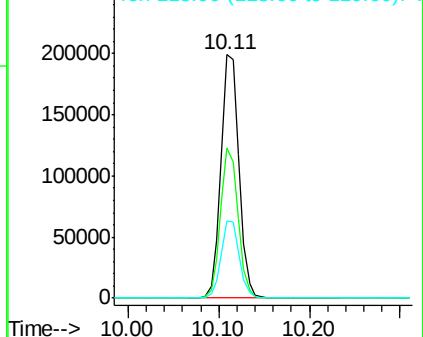
119 31.9 25.0 37.4

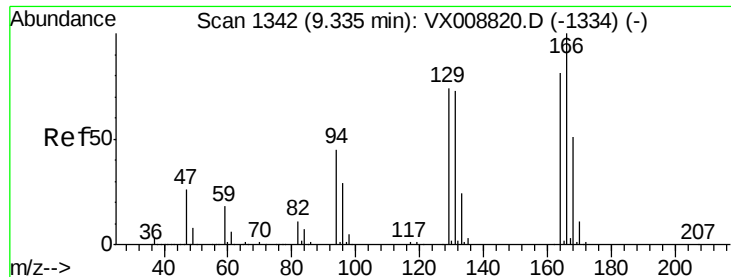


Abundance Ion 116.90 (116.60 to 117.60): VX008820.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008820.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008820.D (-1462) (-)





#64

Tetrachloroethene

Concen: 12.489 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008942.D

Acq: 13 Apr 2019 19:16

Instrument :

MSVOA_X

ClientSampleId :

SS040MW317-190410

Tot Ion:164 Resp: 25651

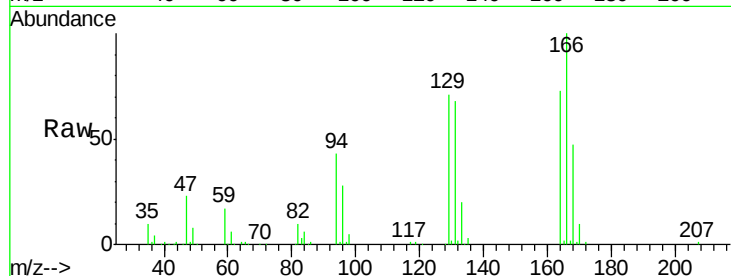
Ion Ratio Lower Upper

164 100

166 137.1 101.0 151.6

129 97.2 75.8 113.8

131 93.5 71.8 107.8

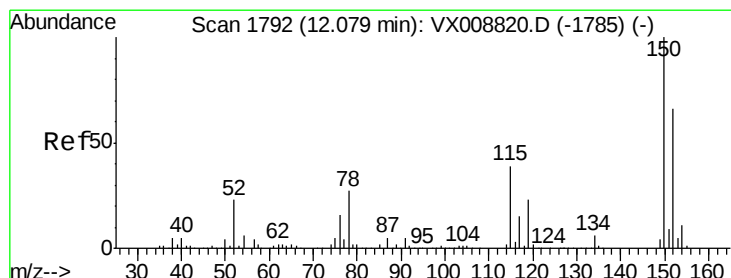
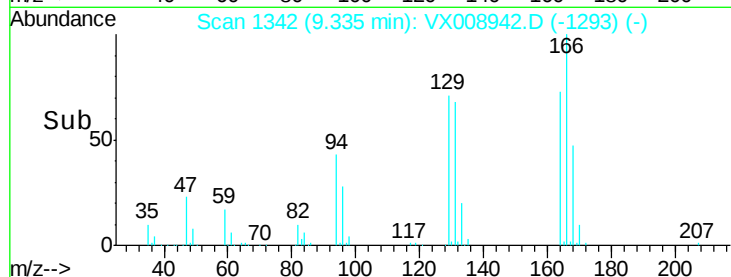
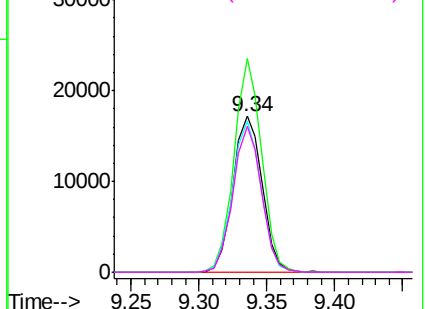


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008942.D

Acq: 13 Apr 2019 19:16

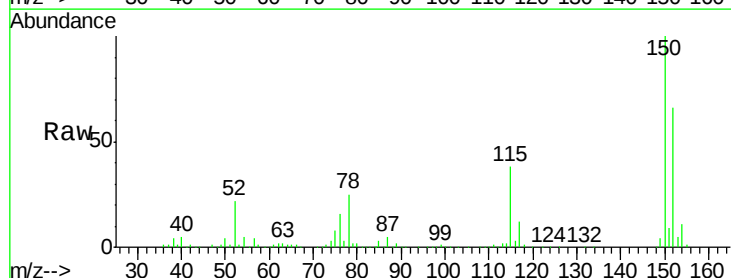
Tgt Ion:152 Resp: 117833

Ion Ratio Lower Upper

152 100

115 58.7 43.5 130.5

150 155.8 0.0 348.8



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

