

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006672.D
 Acq On : 20 Dec 2018 13:34
 Operator : JC/MD
 Sample : J6484-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 967-MW-05(17)

Quant Time: Dec 21 04:07:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

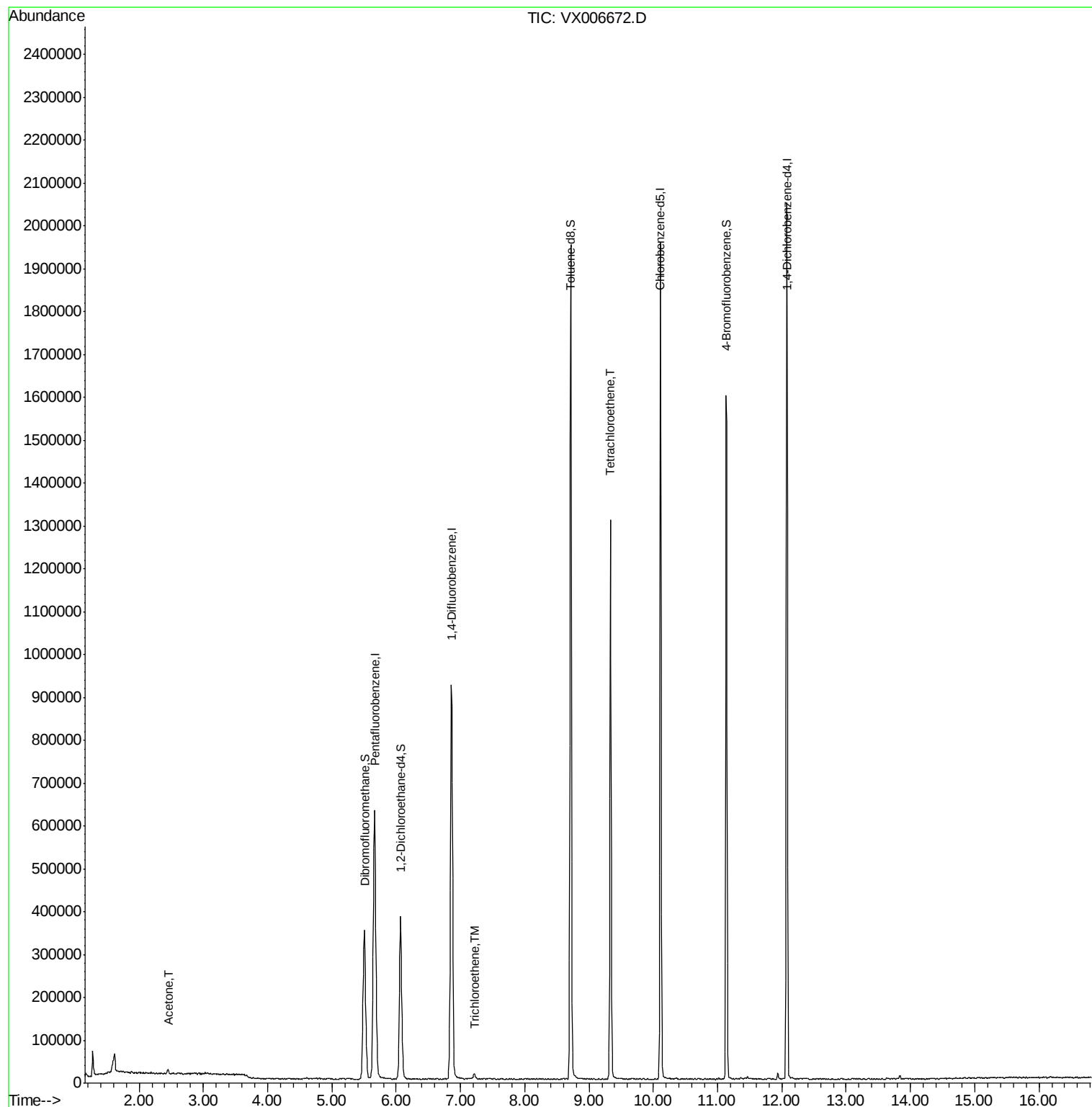
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	639937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1001908	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	926835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438799	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	348499	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
35) Dibromofluoromethane	5.50	113	295316	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
50) Toluene-d8	8.71	98	1194305	50.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	429464	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
Target Compounds						
16) Acetone	2.45	43	10898	3.439	ug/l	96
44) Trichloroethene	7.22	130	6114	0.801	ug/l	88
64) Tetrachloroethene	9.34	164	255070	34.755	ug/l	98

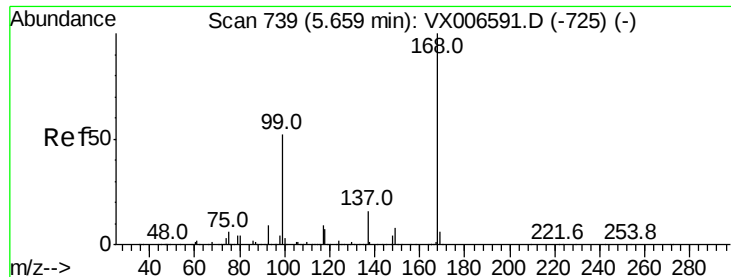
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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. 0.01 min

Lab File: VX006672.D

Acq: 20 Dec 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

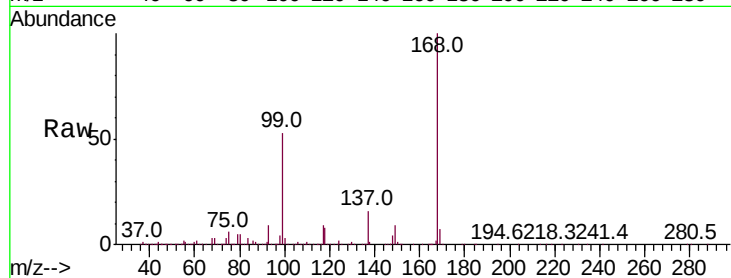
967-MW-05(17)

Tot Ion:168 Resp: 639937

Ion Ratio Lower Upper

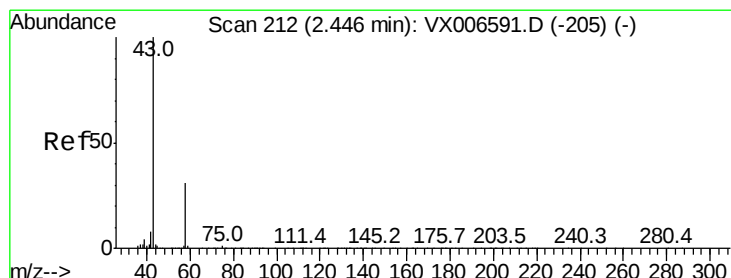
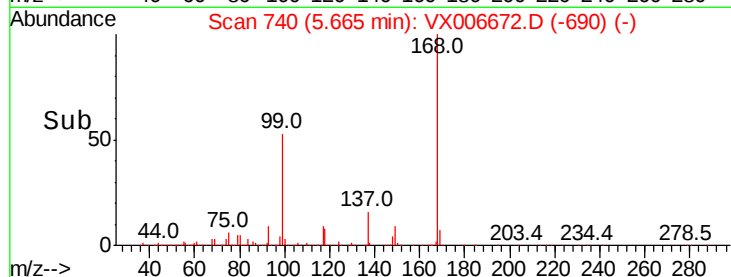
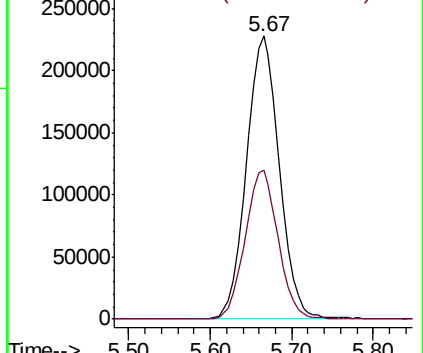
168 100

99 52.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.439 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006672.D

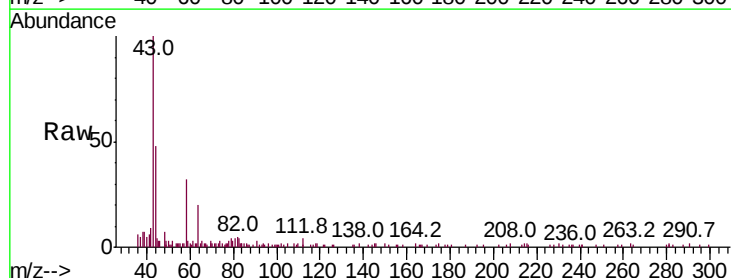
Acq: 20 Dec 2018 13:34

Tgt Ion: 43 Resp: 10898

Ion Ratio Lower Upper

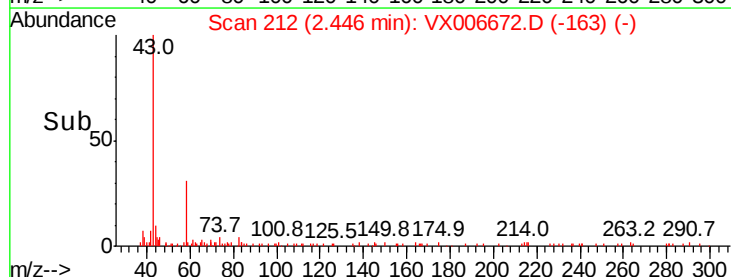
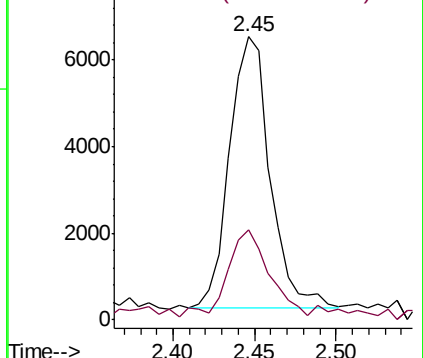
43 100

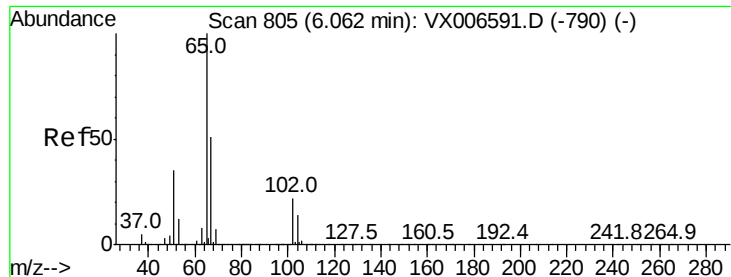
58 29.2 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.529 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006672.D

Acq: 20 Dec 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

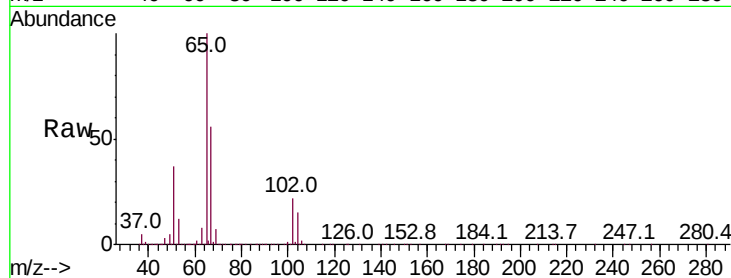
967-MW-05(17)

Tot Ion: 65 Resp: 348499

Ion Ratio Lower Upper

65 100

67 53.1 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

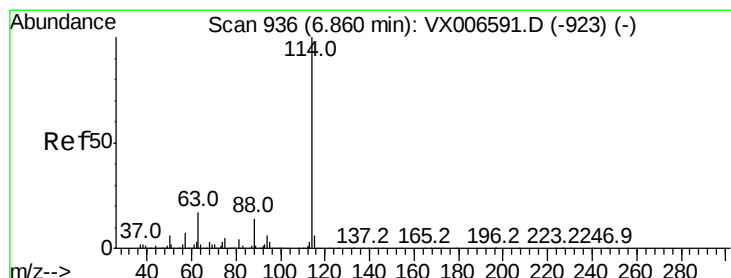
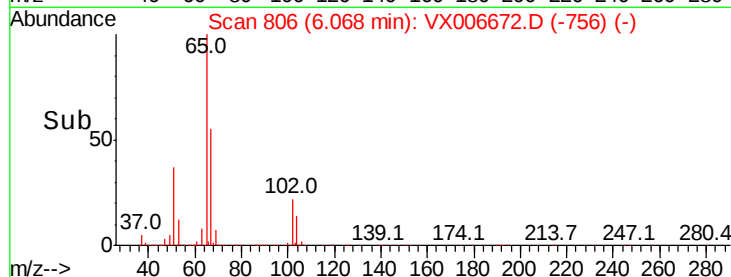
100000

50000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006672.D

Acq: 20 Dec 2018 13:34

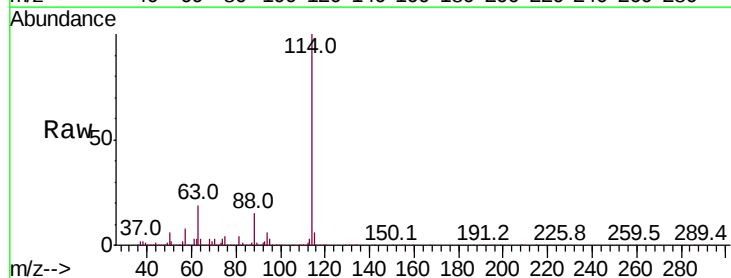
Tgt Ion: 114 Resp: 1001908

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

88 14.6 0.0 28.8



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

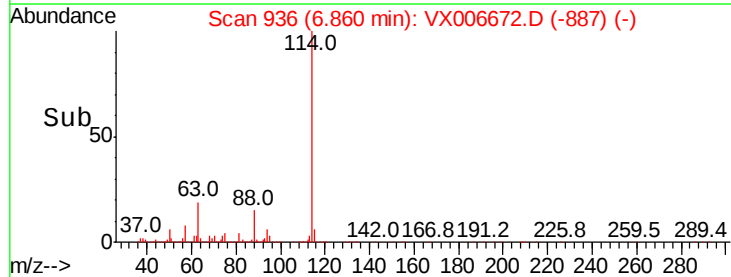
200000

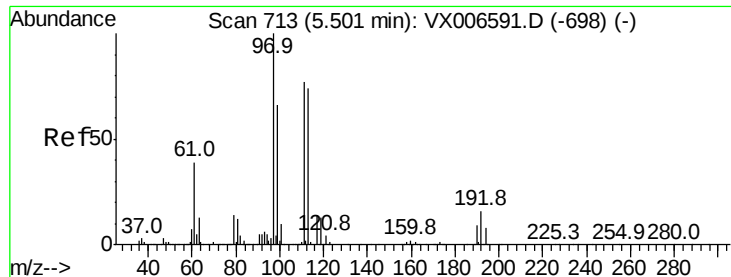
100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 46.610 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006672.D

Acq: 20 Dec 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

967-MW-05(17)

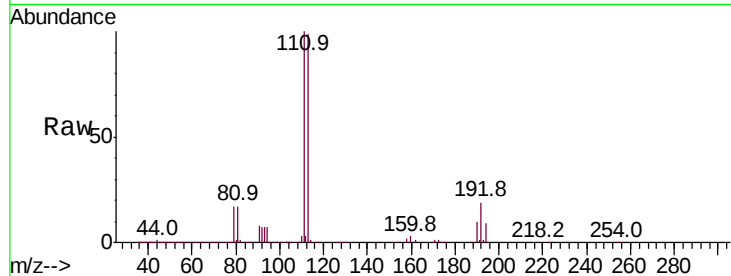
Tot Ion:113 Resp: 295316

Ion Ratio Lower Upper

113 100

111 103.4 81.6 122.4

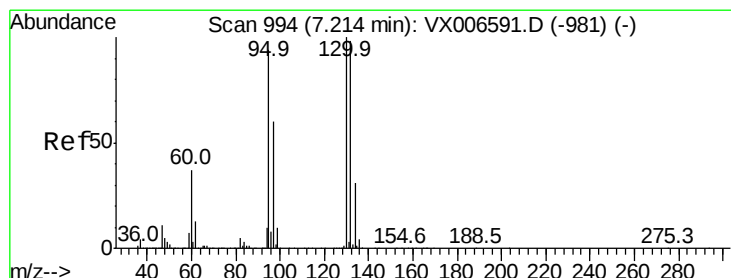
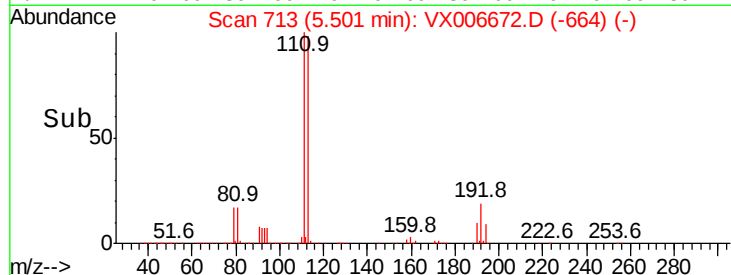
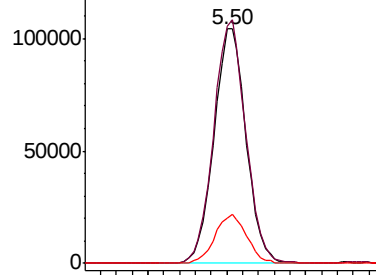
192 20.7 16.7 25.1



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: 0.801 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006672.D

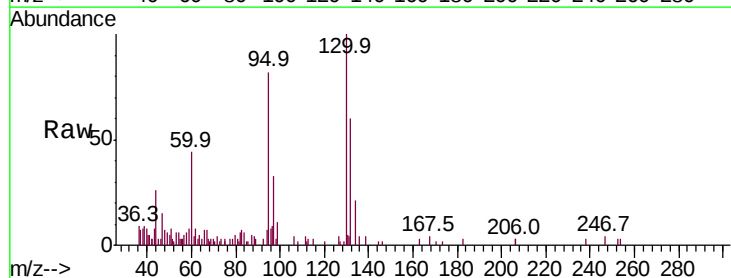
Acq: 20 Dec 2018 13:34

Tgt Ion:130 Resp: 6114

Ion Ratio Lower Upper

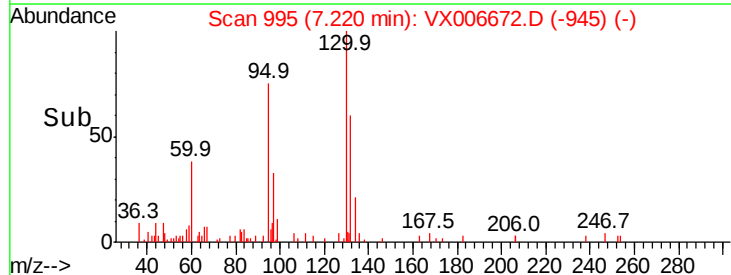
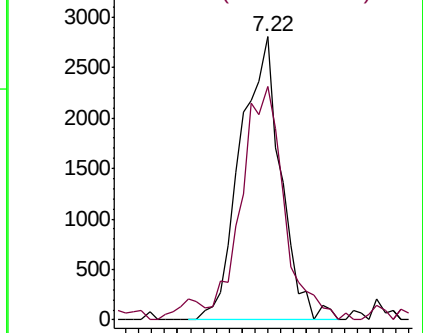
130 100

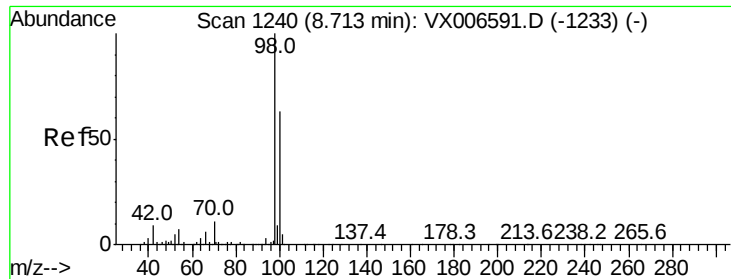
95 82.4 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

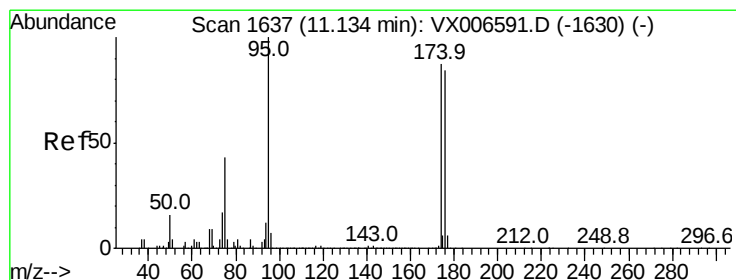
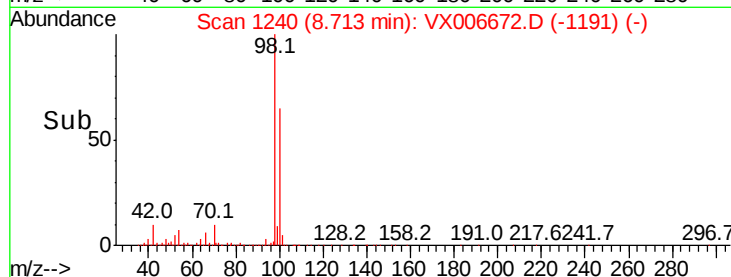
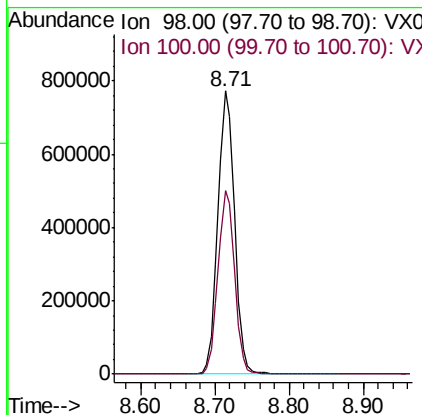
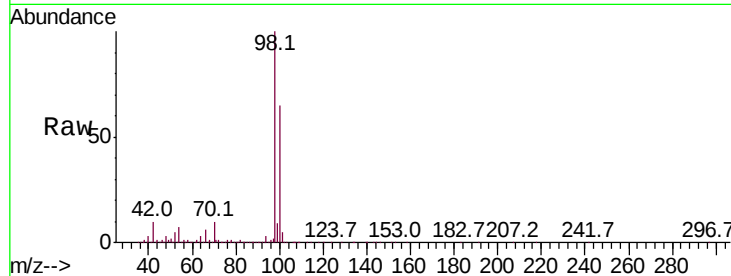




#50
Toluene-d8
Concen: 49.999 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006672.D
Acq: 20 Dec 2018 13:34

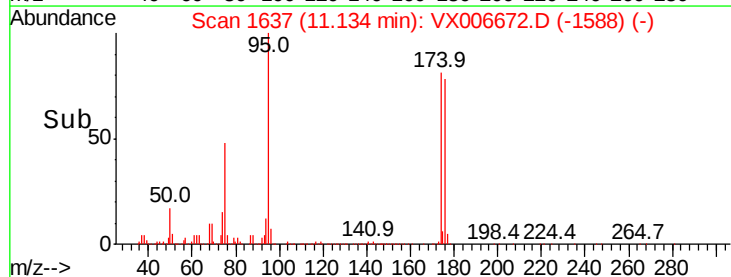
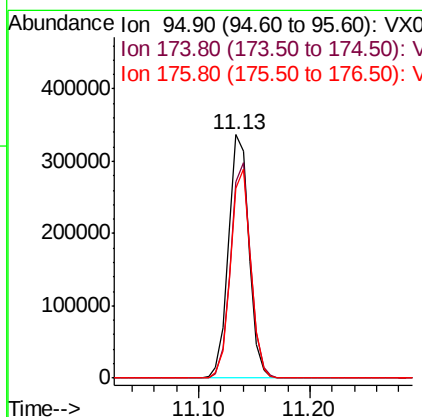
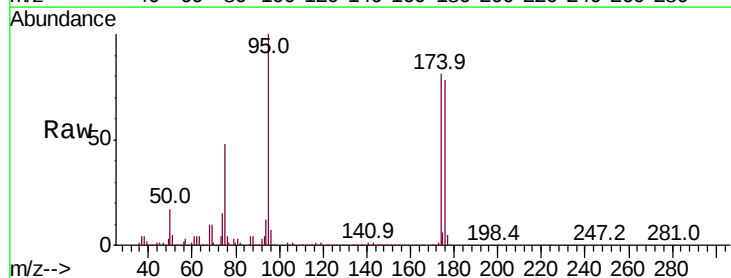
Instrument :
MSVOA_X
ClientSampleId :
967-MW-05(17)

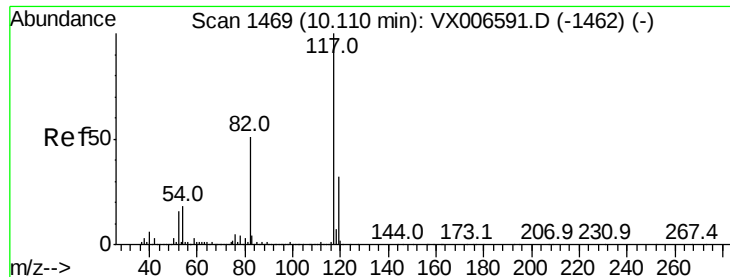
Tot Ion: 98 Resp: 1194305
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.092 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX006672.D
Acq: 20 Dec 2018 13:34

Tgt Ion: 95 Resp: 429464
Ion Ratio Lower Upper
95 100
174 86.6 0.0 182.2
176 84.4 0.0 178.8

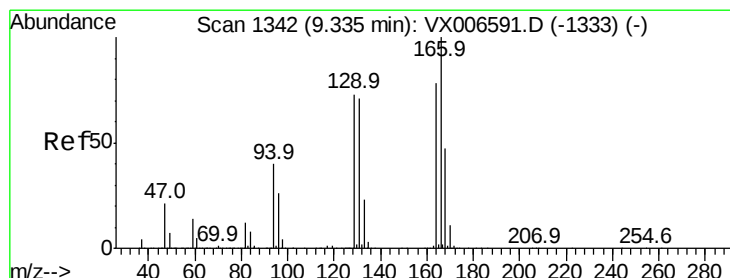
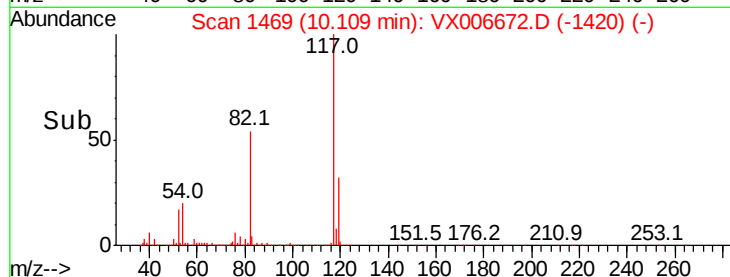
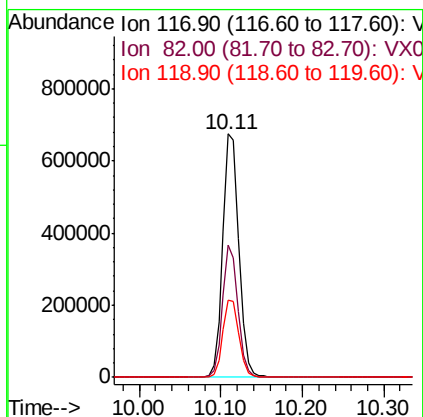
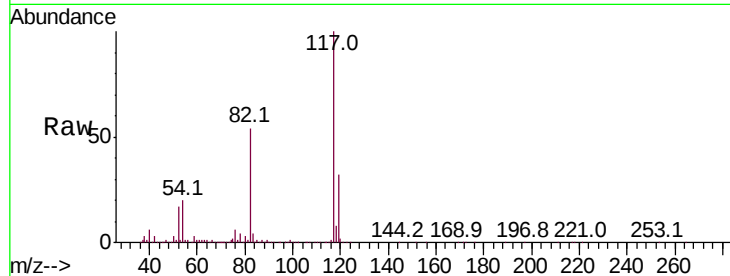




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006672.D
Acq: 20 Dec 2018 13:34

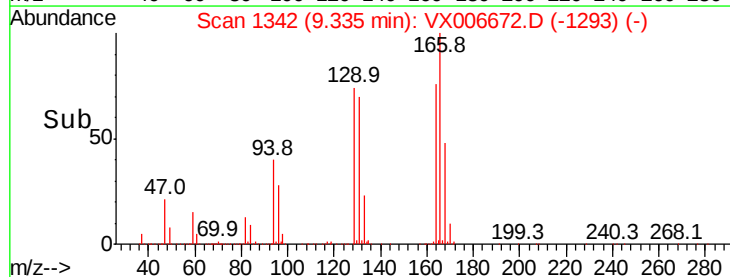
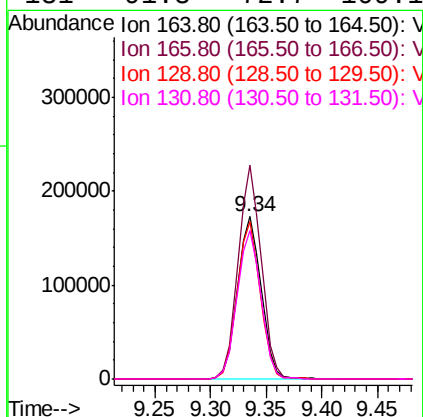
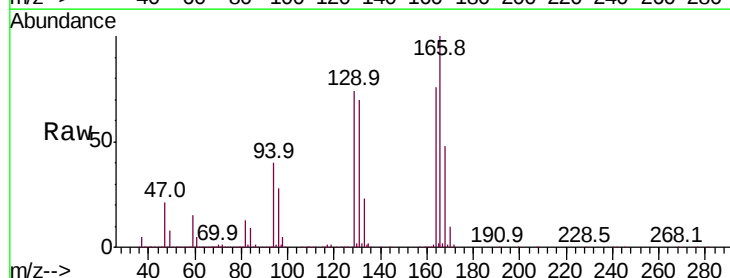
Instrument :
MSVOA_X
ClientSampleId :
967-MW-05(17)

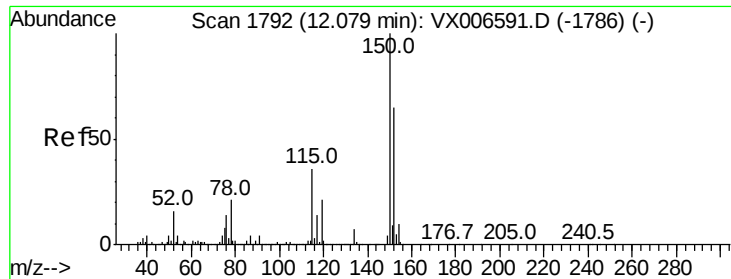
Tot Ion:117 Resp: 926835
Ion Ratio Lower Upper
117 100
82 54.3 41.0 61.6
119 31.5 25.4 38.0



#64
Tetrachloroethene
Concen: 34.755 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006672.D
Acq: 20 Dec 2018 13:34

Tgt Ion:164 Resp: 255070
Ion Ratio Lower Upper
164 100
166 131.5 102.5 153.7
129 97.0 75.1 112.7
131 91.8 72.7 109.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006672.D

Acq: 20 Dec 2018 13:34

Instrument :

MSVOA_X

ClientSampleId :

967-MW-05(17)

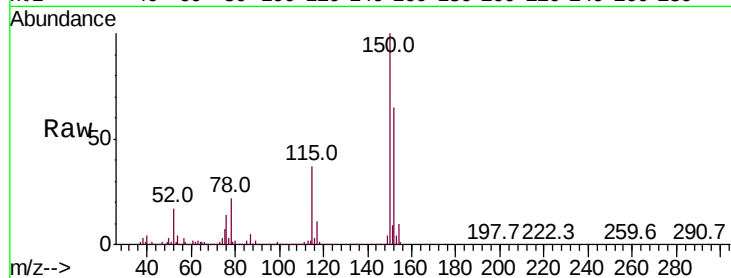
Tot Ion:152 Resp: 438799

Ion Ratio Lower Upper

152 100

115 56.5 39.1 117.2

150 156.1 0.0 344.8



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

