

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006681.D
 Acq On : 20 Dec 2018 17:34
 Operator : JC/MD
 Sample : J6484-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 976-MW-20(22)

Quant Time: Dec 21 04:22:09 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

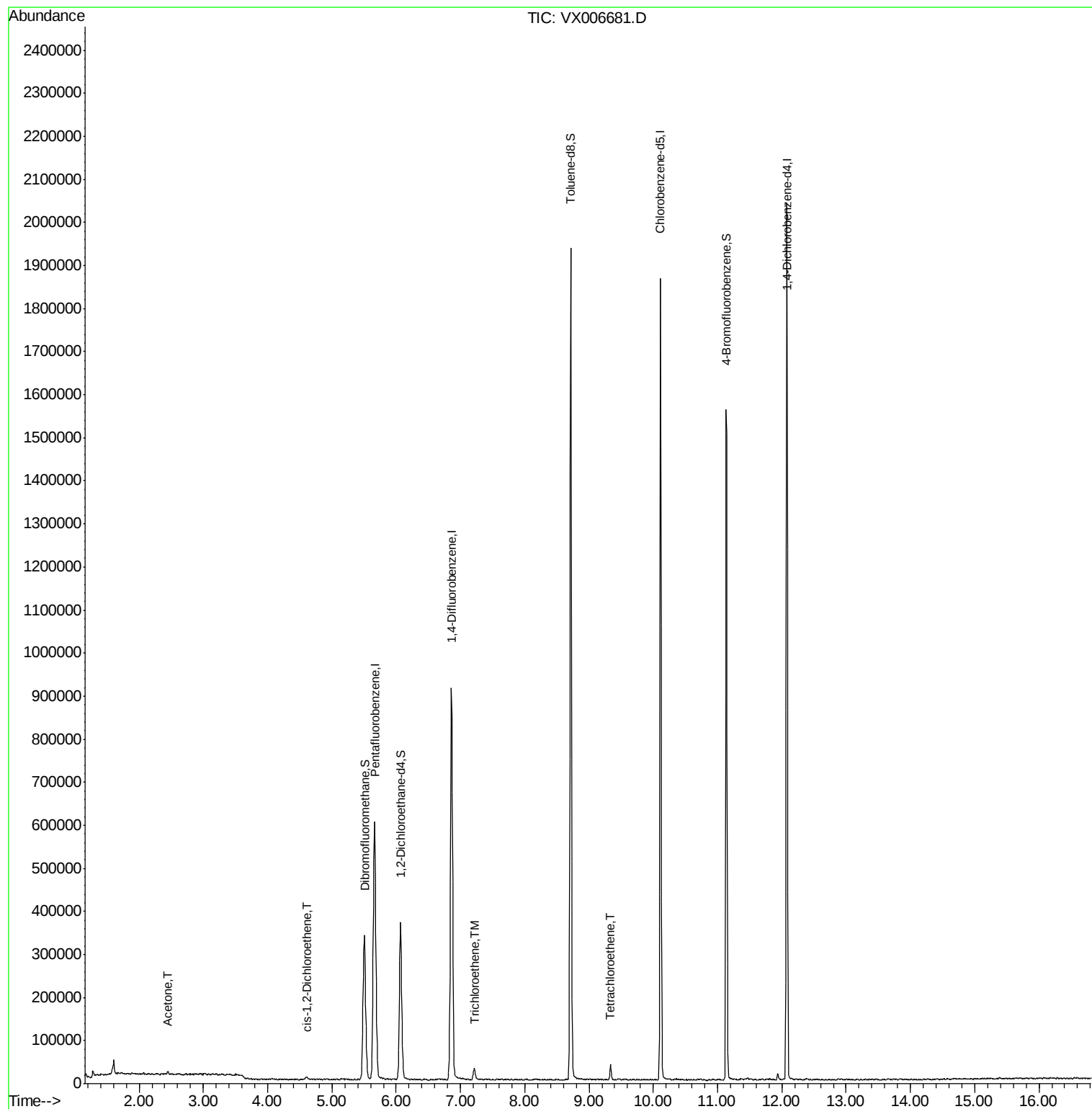
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	617808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	979870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	901852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	425228	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	341748	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
35) Dibromofluoromethane	5.50	113	289074	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
50) Toluene-d8	8.71	98	1164449	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	413734	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
Target Compounds						
16) Acetone	2.45	43	5787	1.892	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	3758	0.557	ug/l	94
44) Trichloroethene	7.21	130	11593	1.553	ug/l	89
64) Tetrachloroethene	9.34	164	6524	0.914	ug/l	98

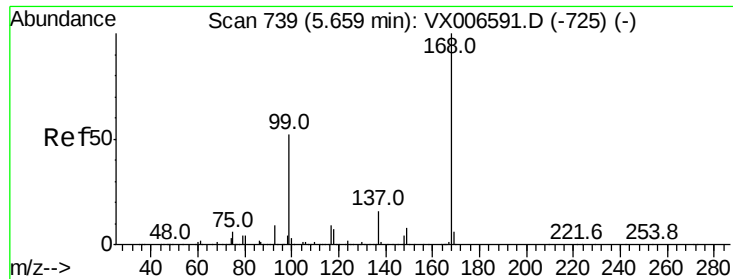
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006681.D

Acq: 20 Dec 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

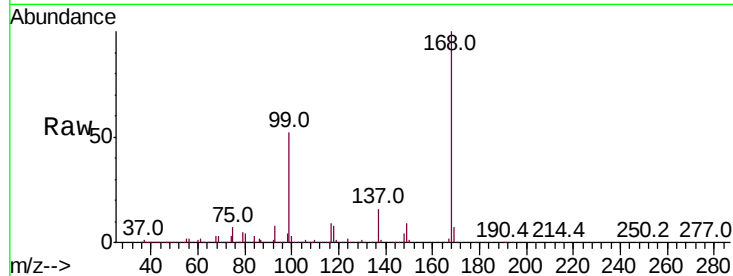
976-MW-20(22)

Tot Ion:168 Resp: 617808

Ion Ratio Lower Upper

168 100

99 51.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

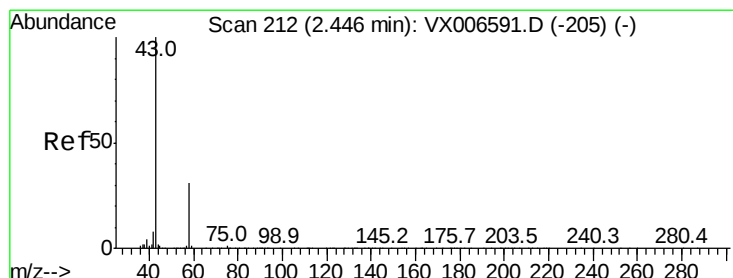
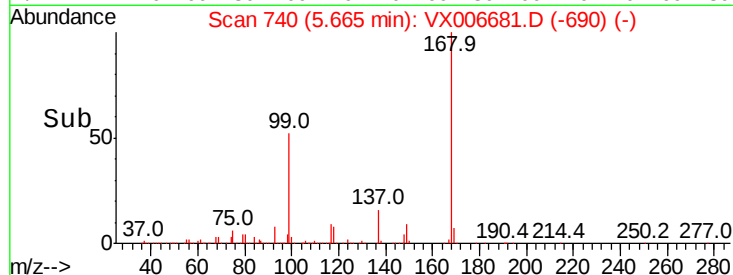
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 1.892 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006681.D

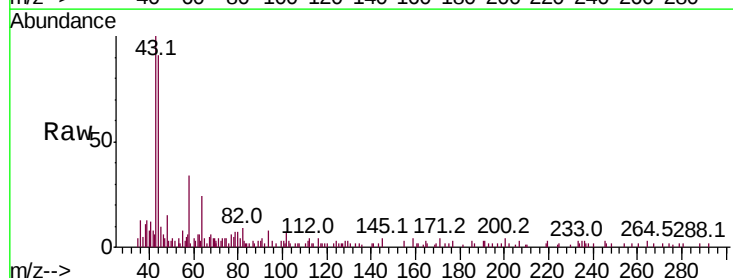
Acq: 20 Dec 2018 17:34

Tgt Ion: 43 Resp: 5787

Ion Ratio Lower Upper

43 100

58 32.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

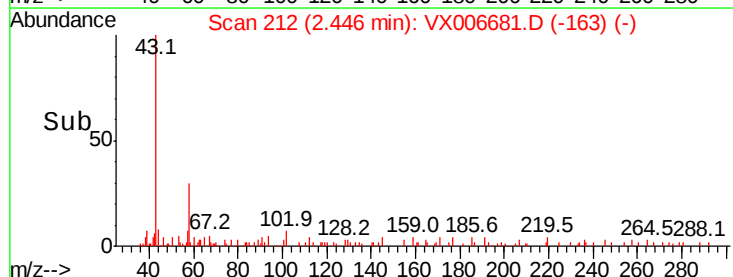
3000

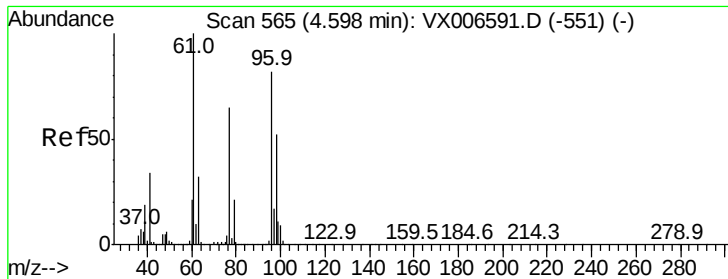
2000

1000

0

Time-->



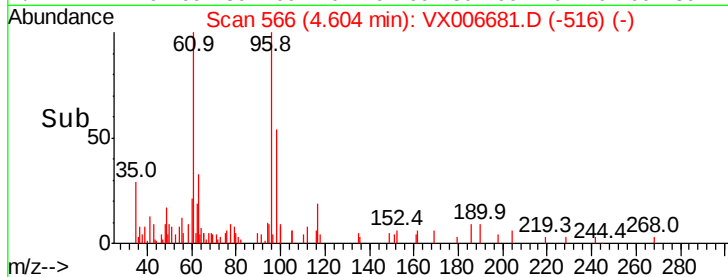
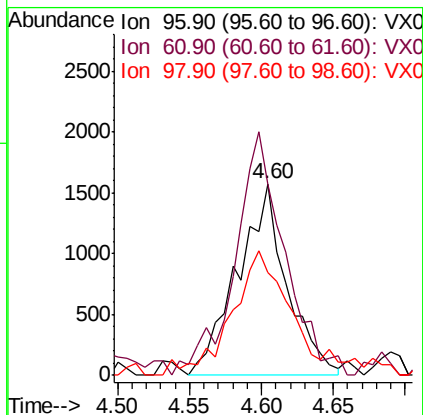
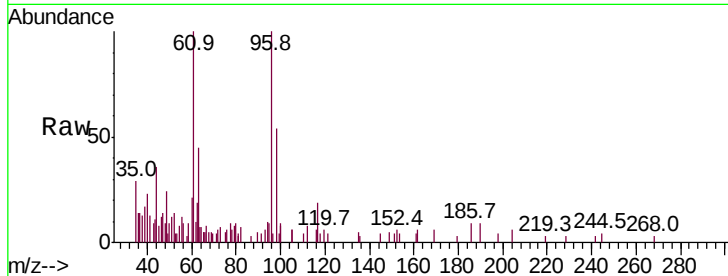


#27

cis-1,2-Dichloroethene
Concen: 0.557 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006681.D
Acq: 20 Dec 2018 17:34

Instrument :
MSVOA_X
ClientSampleId :
976-MW-20(22)

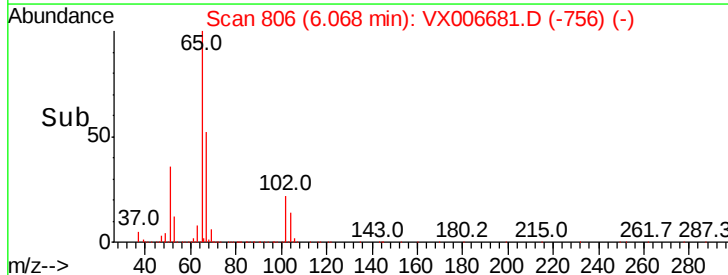
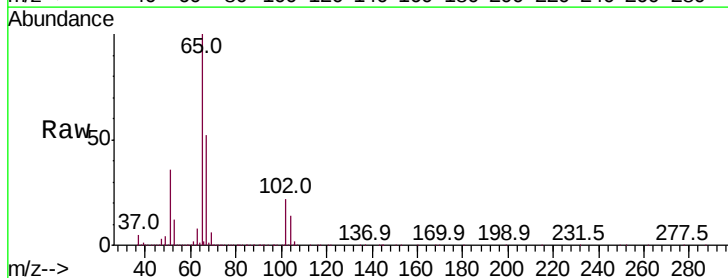
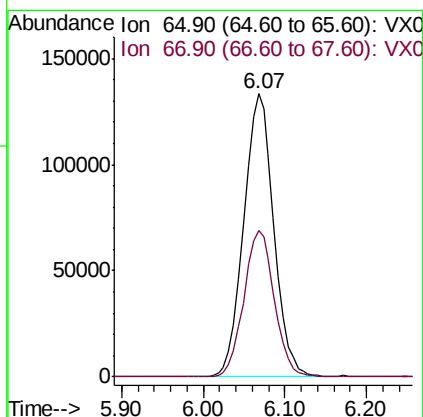
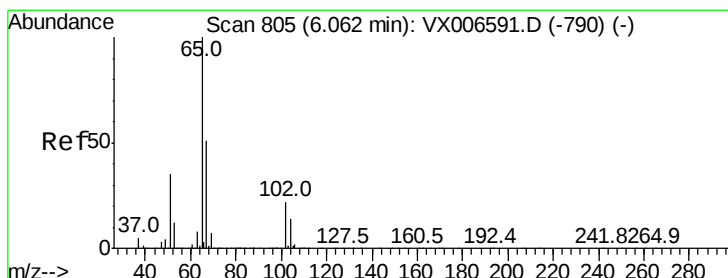
Tot Ion: 96 Resp: 3758
Ion Ratio Lower Upper
96 100
61 127.7 0.0 258.6
98 78.2 0.0 132.0

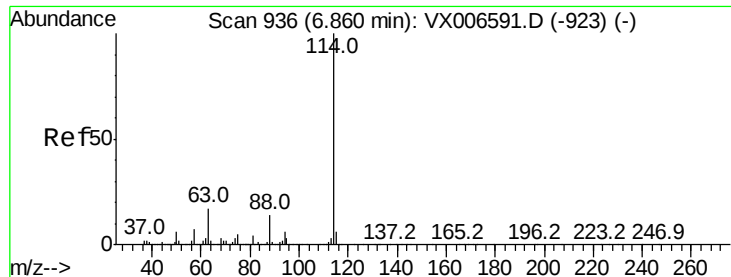


#33

1,2-Dichloroethane-d4
Concen: 51.325 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006681.D
Acq: 20 Dec 2018 17:34

Tgt Ion: 65 Resp: 341748
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006681.D

Acq: 20 Dec 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

976-MW-20(22)

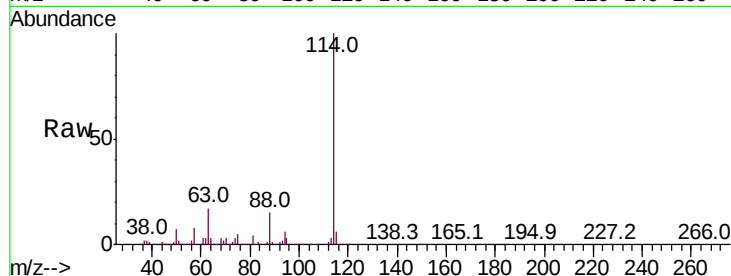
Tot Ion:114 Resp: 979870

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.8

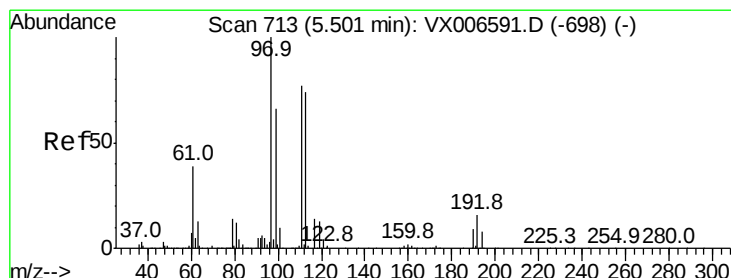
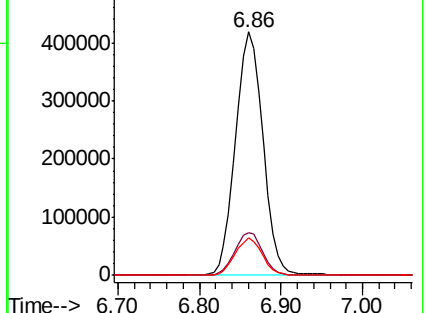
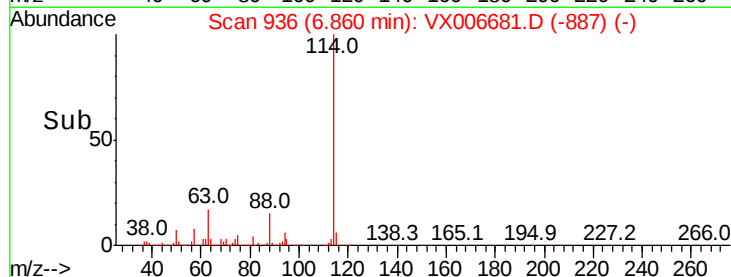
88 15.4 0.0 28.8



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



#35

Dibromofluoromethane

Concen: 46.651 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006681.D

Acq: 20 Dec 2018 17:34

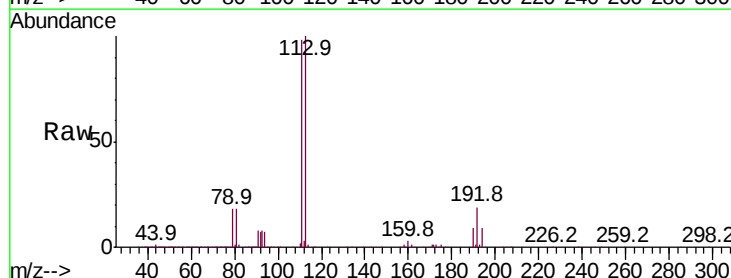
Tgt Ion:113 Resp: 289074

Ion Ratio Lower Upper

113 100

111 101.2 81.6 122.4

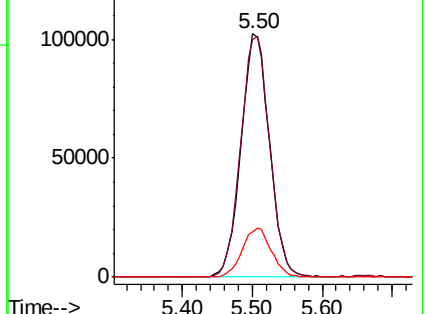
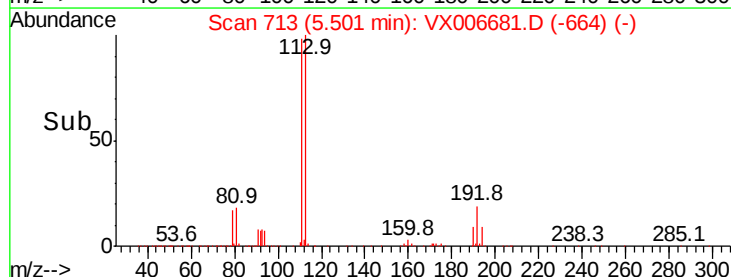
192 20.4 16.7 25.1

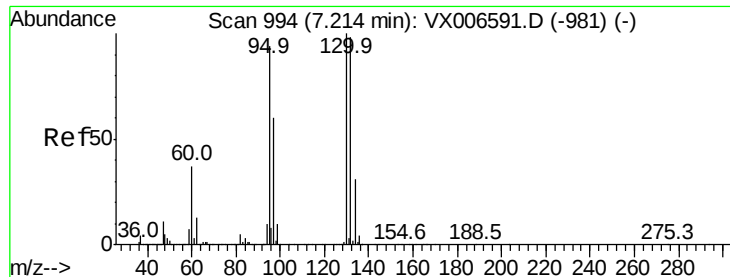


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1.553 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006681.D

Acq: 20 Dec 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

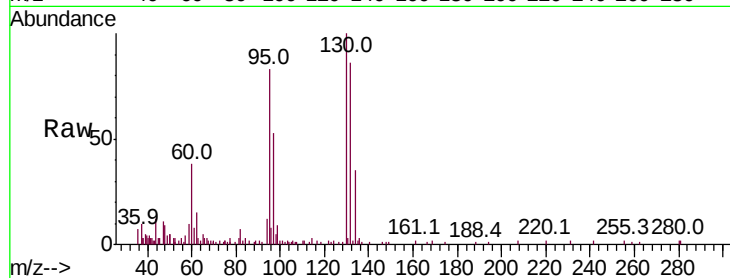
976-MW-20(22)

Tot Ion:130 Resp: 11593

Ion Ratio Lower Upper

130 100

95 82.6 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

6000

5000

4000

3000

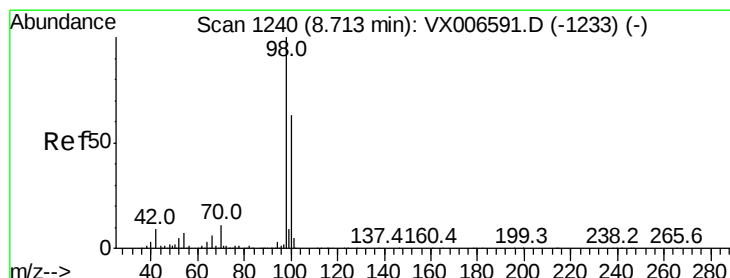
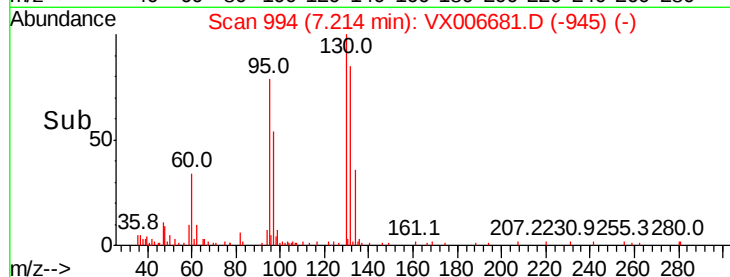
2000

1000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 49.846 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006681.D

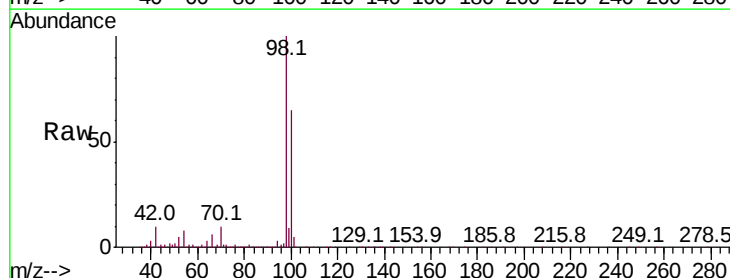
Acq: 20 Dec 2018 17:34

Tgt Ion: 98 Resp: 1164449

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

800000

600000

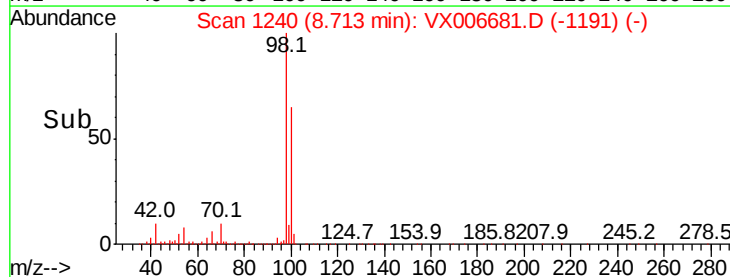
400000

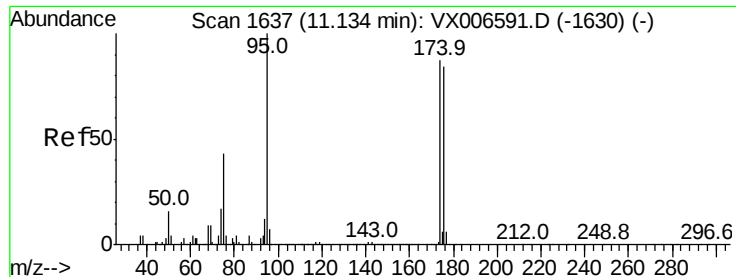
200000

0

8.60 8.70 8.80 8.90

Time-->





#62

4-Bromofluorobenzene

Concen: 48.357 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006681.D

Acq: 20 Dec 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

976-MW-20(22)

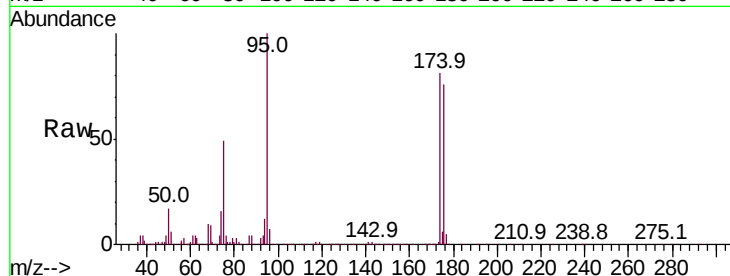
Tot Ion: 95 Resp: 413734

Ion Ratio Lower Upper

95 100

174 86.9 0.0 182.2

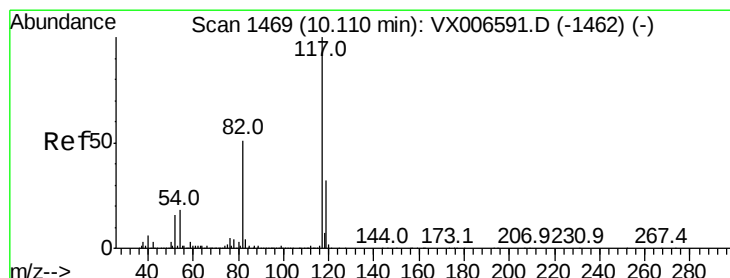
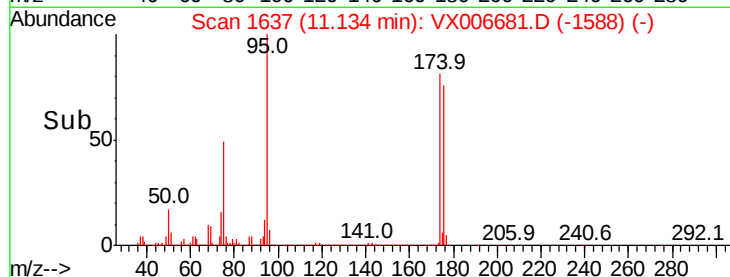
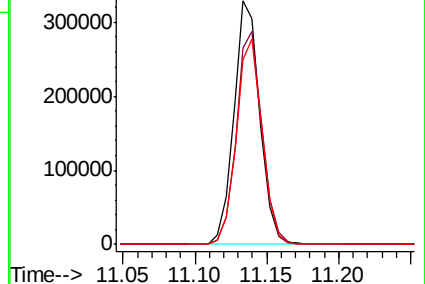
176 83.9 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006591.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX006591.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX006591.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX006681.D

Acq: 20 Dec 2018 17:34

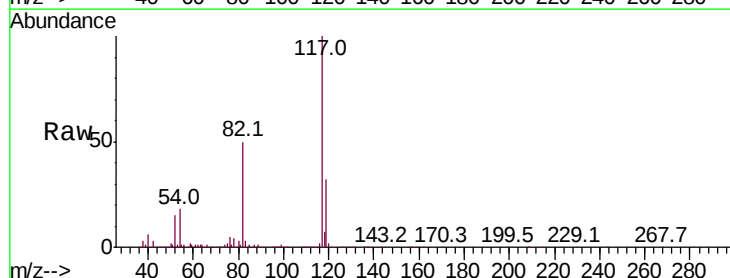
Tgt Ion: 117 Resp: 901852

Ion Ratio Lower Upper

117 100

82 49.6 41.0 61.6

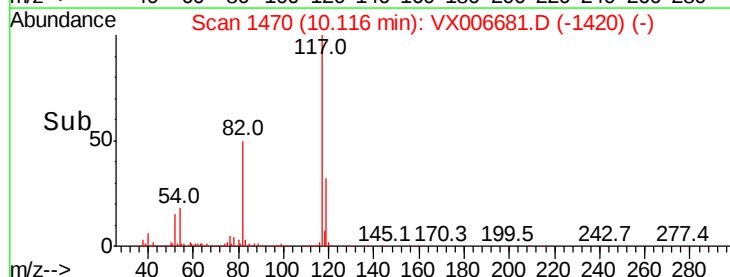
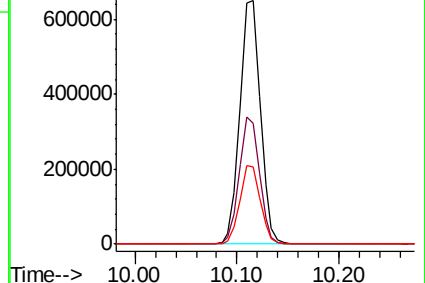
119 31.8 25.4 38.0

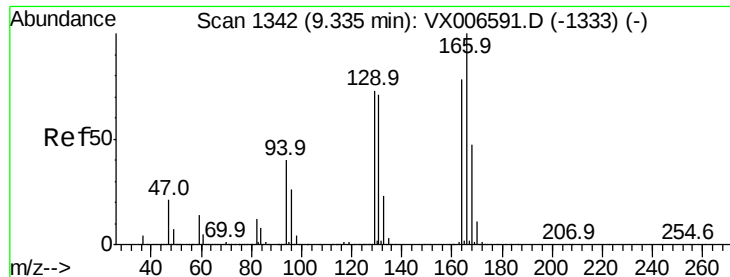


Abundance Ion 116.90 (116.60 to 117.60): VX006591.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006591.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006591.D (-1462) (-)





#64

Tetrachloroethene

Concen: 0.914 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX006681.D

Acq: 20 Dec 2018 17:34

Instrument :

MSVOA_X

ClientSampleId :

976-MW-20(22)

Tot Ion:164 Resp: 6524

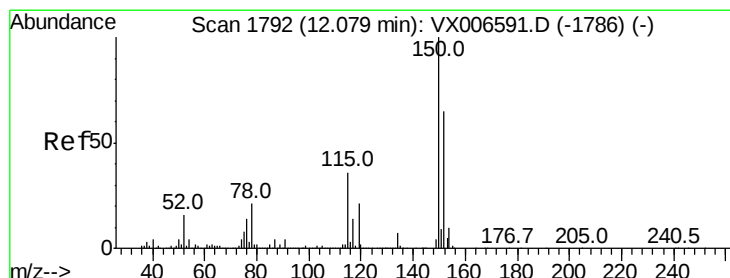
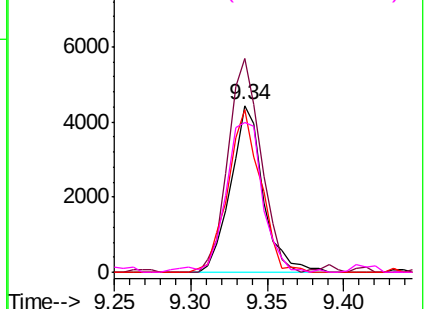
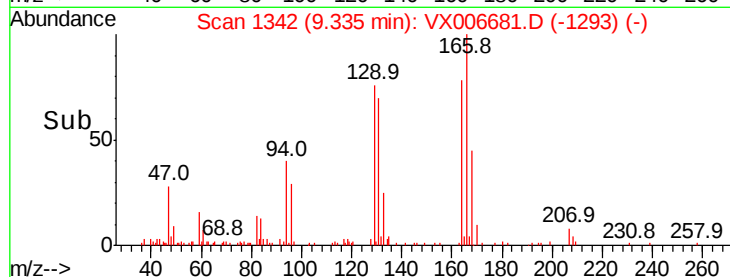
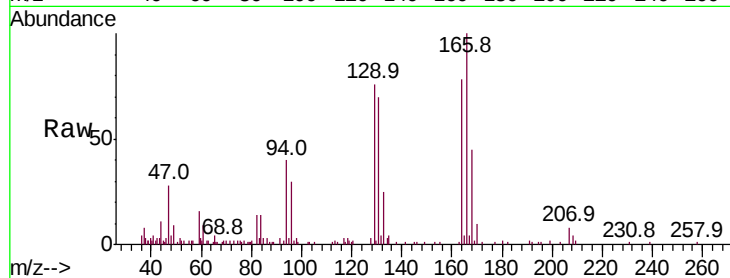
Ion Ratio Lower Upper

164 100

166 128.0 102.5 153.7

129 97.7 75.1 112.7

131 88.6 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: VX006681.D

Acq: 20 Dec 2018 17:34

Tgt Ion:152 Resp: 425228

Ion Ratio Lower Upper

152 100

115 55.8 39.1 117.2

150 157.2 0.0 344.8

