

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006677.D
 Acq On : 20 Dec 2018 15:47
 Operator : JC/MD
 Sample : J6484-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 971-MW-15(17)

Quant Time: Dec 21 04:15:38 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

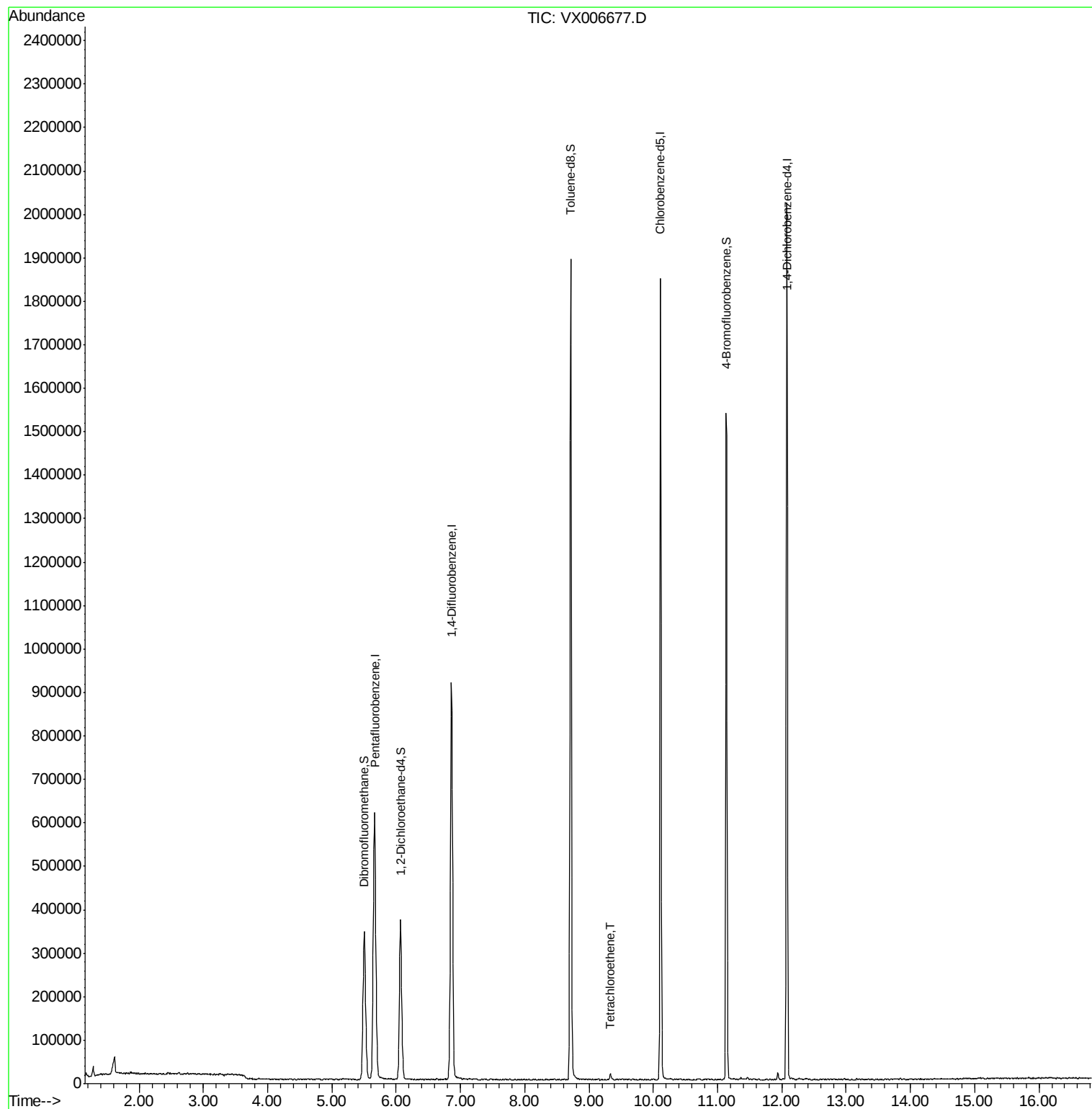
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	620134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	979825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	894608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	426454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	343620	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	5.50	113	287867	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	1160129	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	414460	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
Target Compounds						
64) Tetrachloroethene	9.34	164	2476	0.350	ug/l #	83

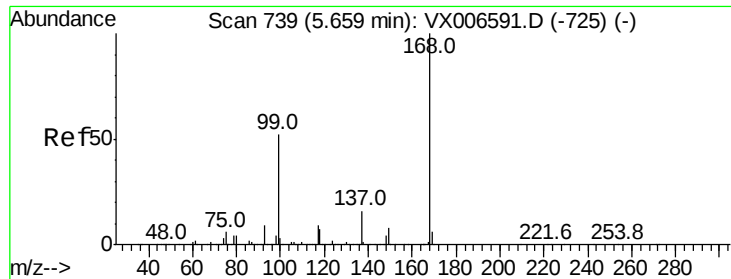
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006677.D

Acq: 20 Dec 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

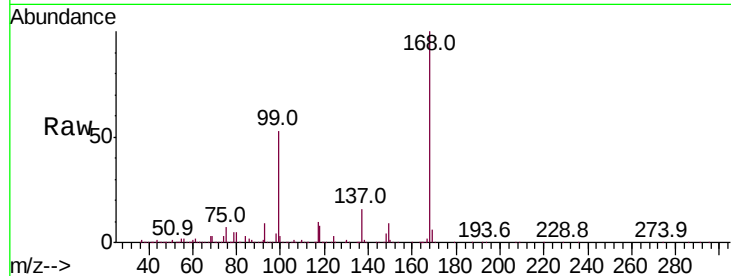
971-MW-15(17)

Tot Ion:168 Resp: 620134

Ion Ratio Lower Upper

168 100

99 52.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

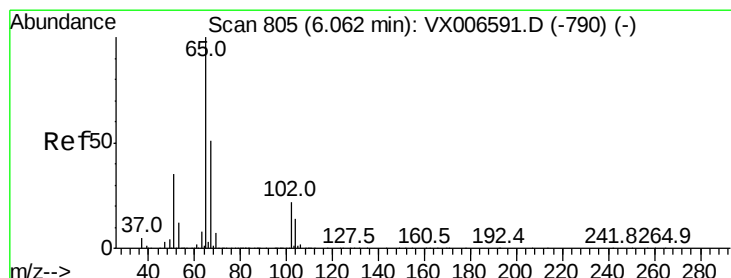
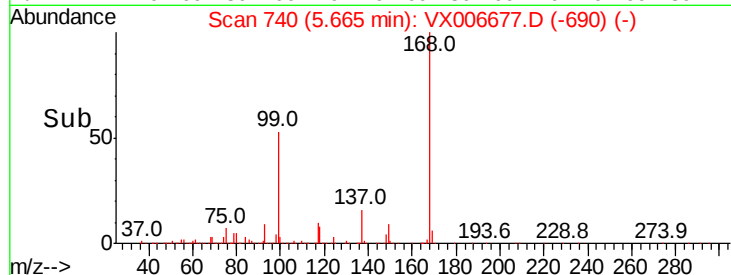
5.67

5.60

5.70

5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.413 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006677.D

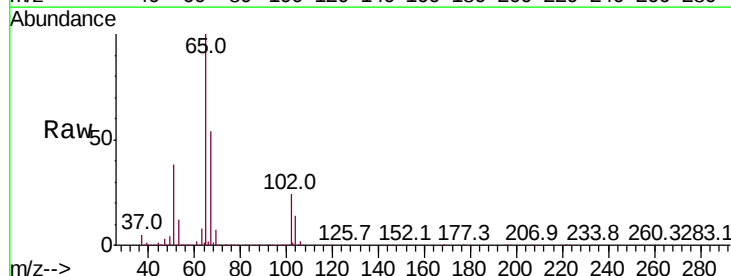
Acq: 20 Dec 2018 15:47

Tgt Ion: 65 Resp: 343620

Ion Ratio Lower Upper

65 100

67 52.7 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

150000

100000

50000

0

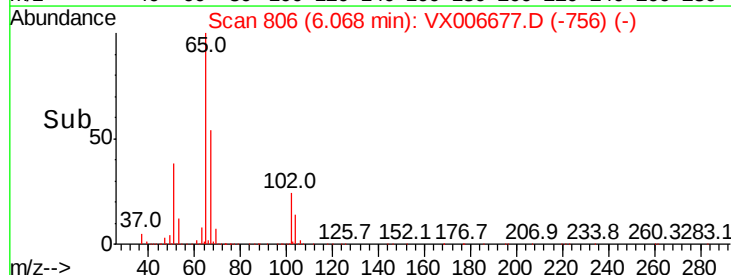
6.07

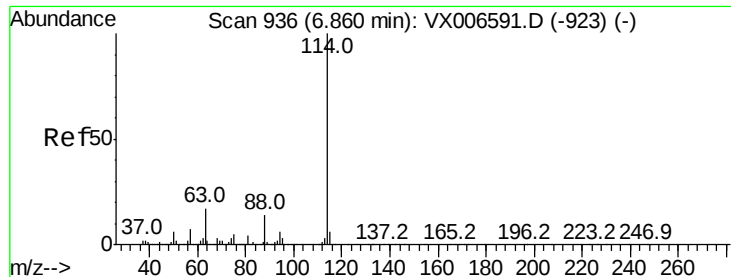
6.00

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: VX006677.D

Acq: 20 Dec 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

971-MW-15(17)

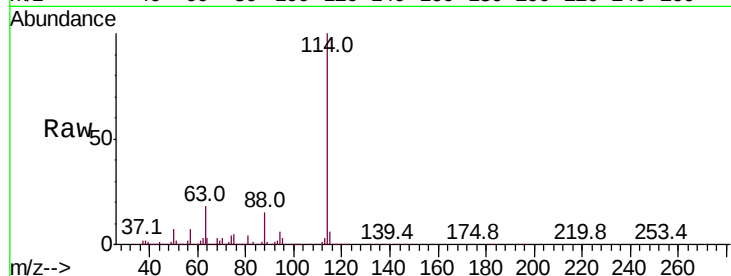
Tot Ion:114 Resp: 979825

Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

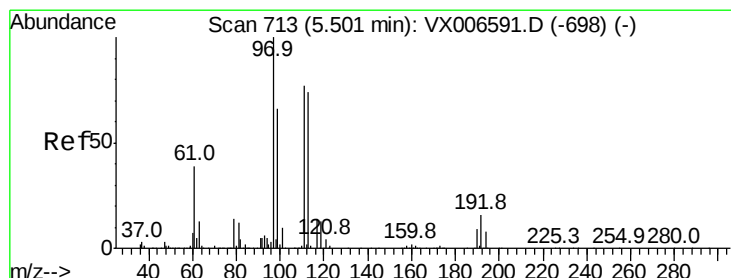
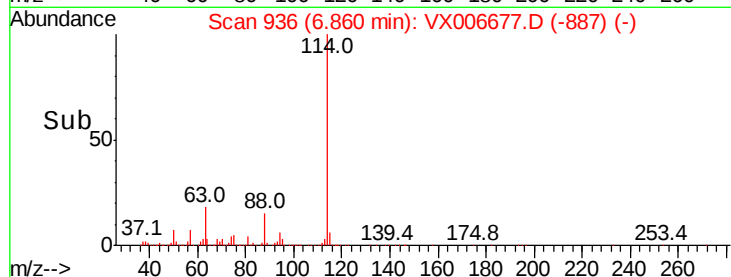
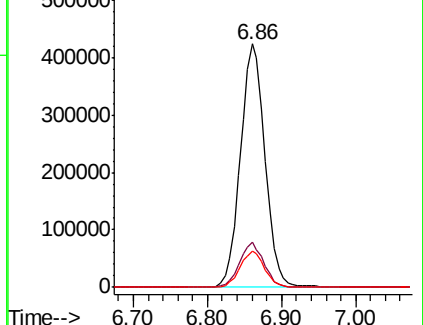
88 14.7 0.0 28.8



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: 46.458 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006677.D

Acq: 20 Dec 2018 15:47

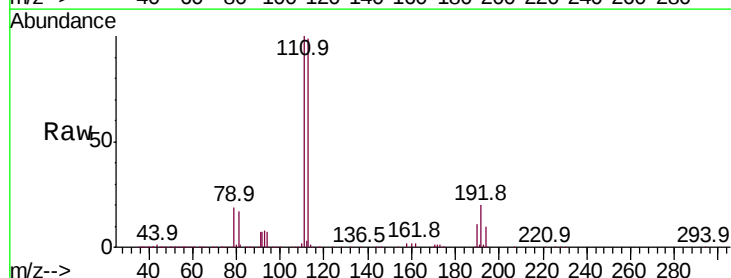
Tgt Ion:113 Resp: 287867

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

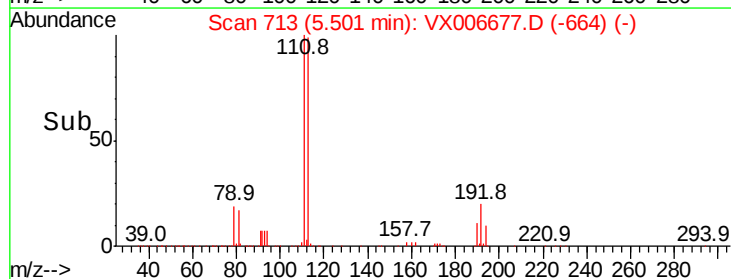
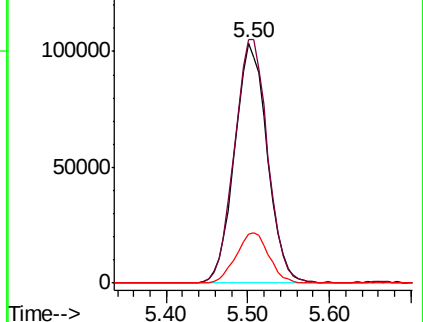
192 21.0 16.7 25.1

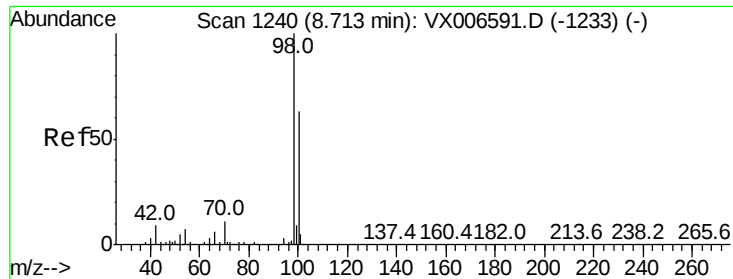


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.663 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006677.D

Acq: 20 Dec 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

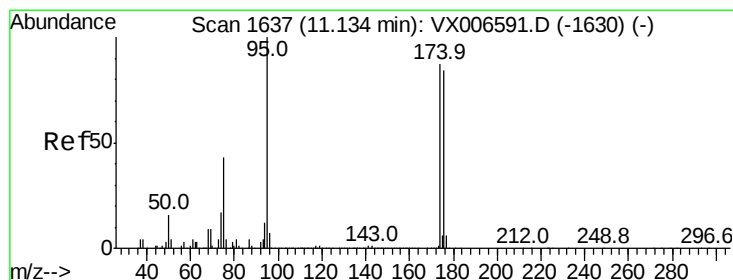
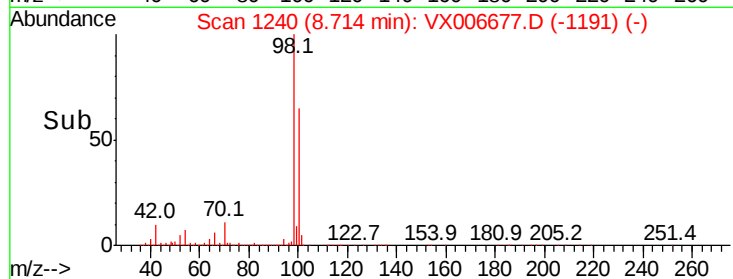
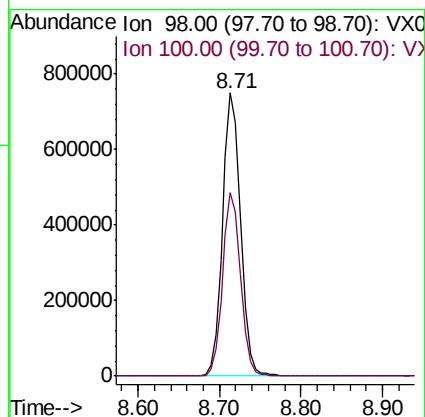
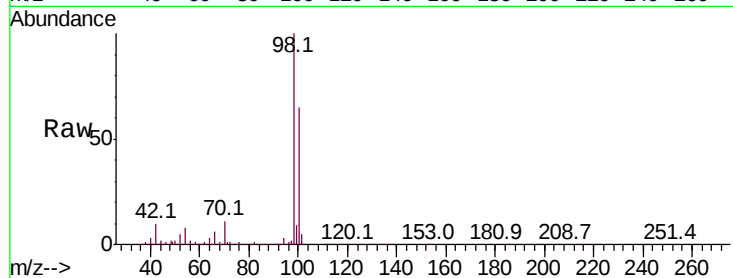
971-MW-15(17)

Tot Ion: 98 Resp: 1160129

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.444 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006677.D

Acq: 20 Dec 2018 15:47

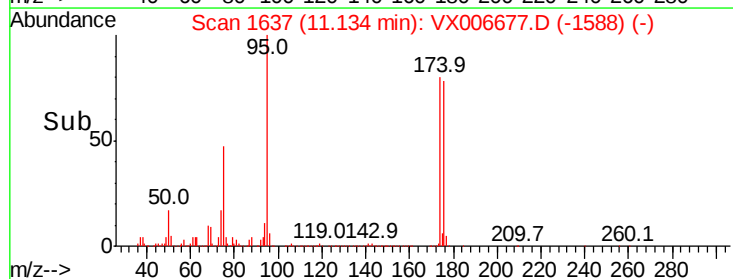
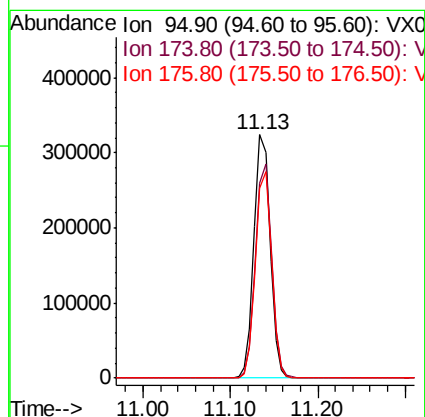
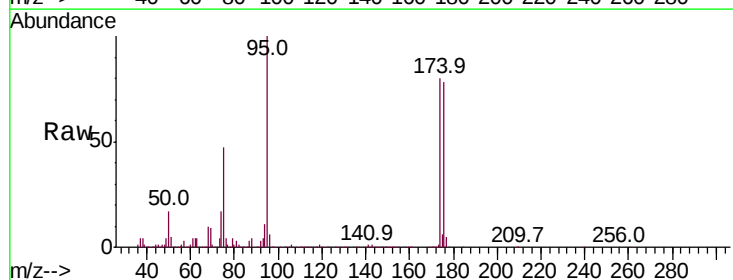
Tgt Ion: 95 Resp: 414460

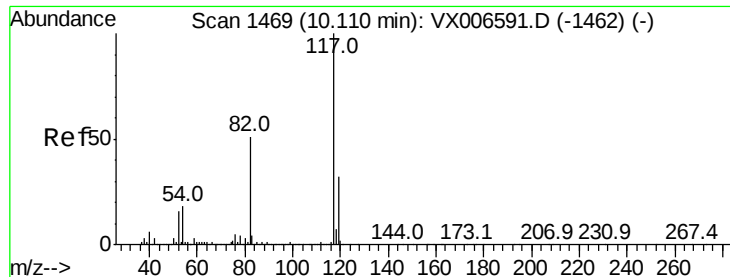
Ion Ratio Lower Upper

95 100

174 87.8 0.0 182.2

176 84.8 0.0 178.8

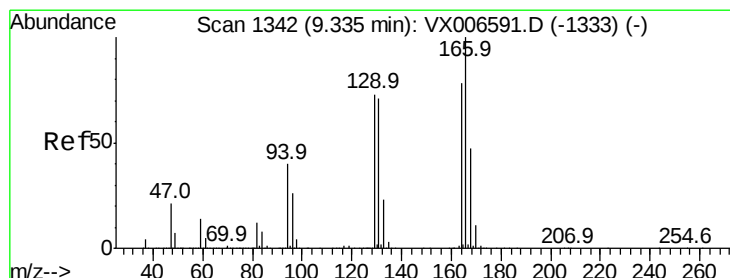
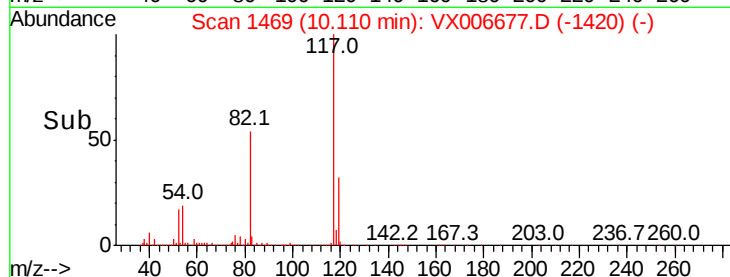
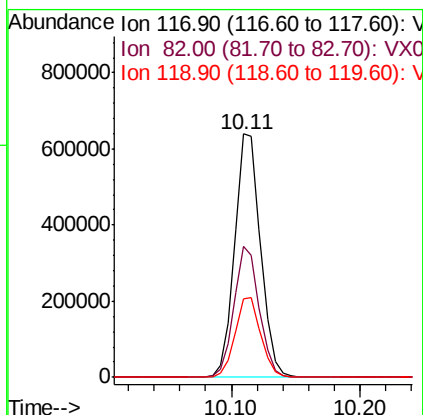
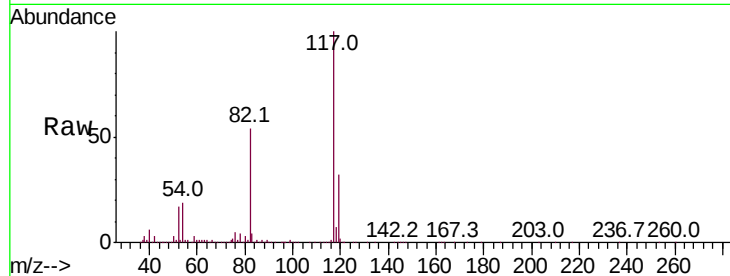




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006677.D
Acq: 20 Dec 2018 15:47

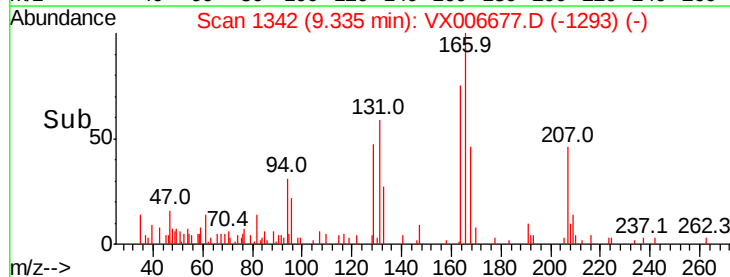
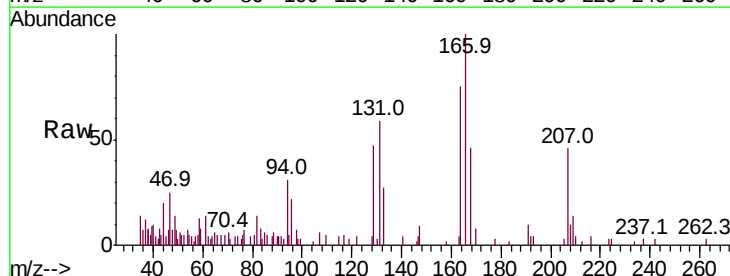
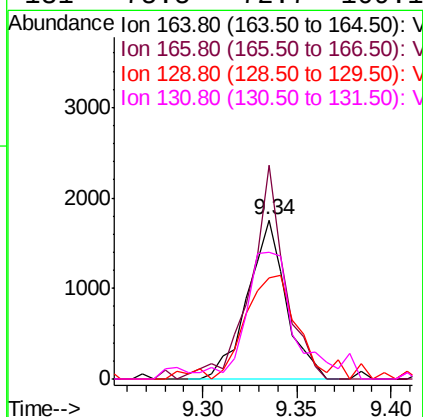
Instrument :
MSVOA_X
ClientSampleId :
971-MW-15(17)

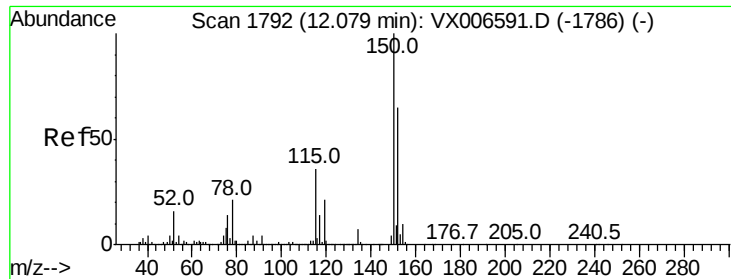
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	41.0	61.6
119	32.5	25.4	38.0



#64
Tetrachloroethene
Concen: 0.350 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006677.D
Acq: 20 Dec 2018 15:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.1	102.5	153.7
129	60.1	75.1	112.7#
131	75.5	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: VX006677.D

Acq: 20 Dec 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

971-MW-15(17)

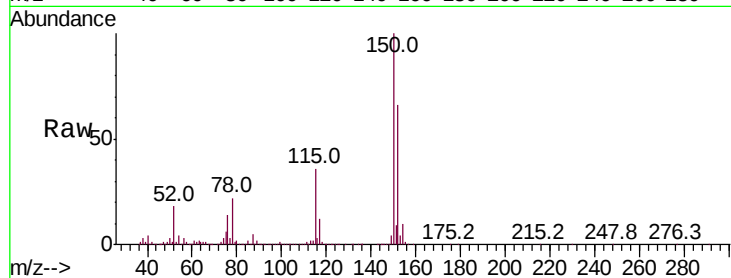
Tot Ion:152 Resp: 426454

Ion Ratio Lower Upper

152 100

115 56.3 39.1 117.2

150 154.8 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

