

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122018\
 Data File : VX006686.D
 Acq On : 20 Dec 2018 19:47
 Operator : JC/MD
 Sample : J6484-13 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 973-MW-17(15.5)

Quant Time: Dec 21 04:35:37 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

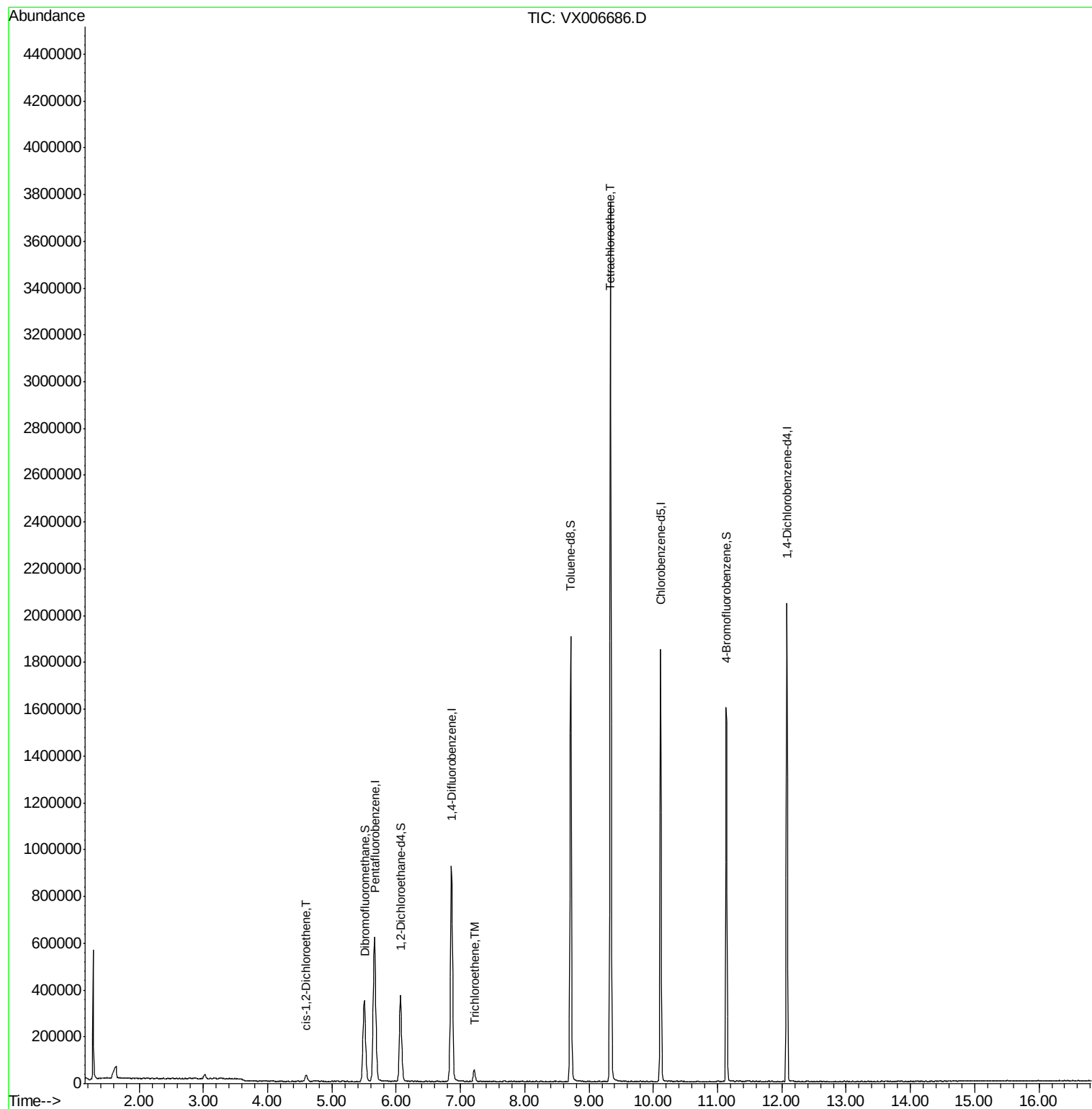
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	624258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	989202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	922019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	343885	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
35) Dibromofluoromethane	5.50	113	299148	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	1184586	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	428713	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	19954	2.926	ug/l	83
44) Trichloroethene	7.21	130	20989	2.785	ug/l	98
64) Tetrachloroethene	9.34	164	748833	102.566	ug/l	99

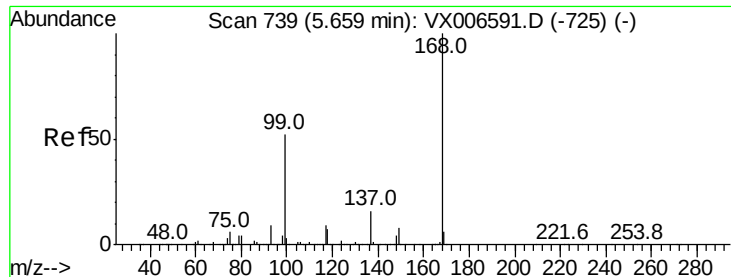
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006686.D

Acq: 20 Dec 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

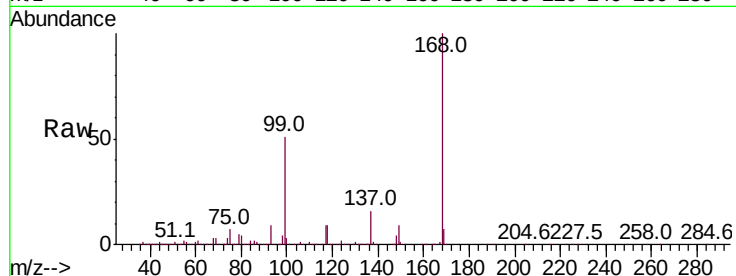
973-MW-17(15.5)

Tot Ion:168 Resp: 624258

Ion Ratio Lower Upper

168 100

99 51.1 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

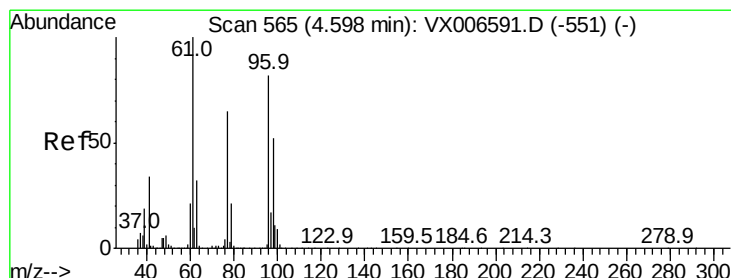
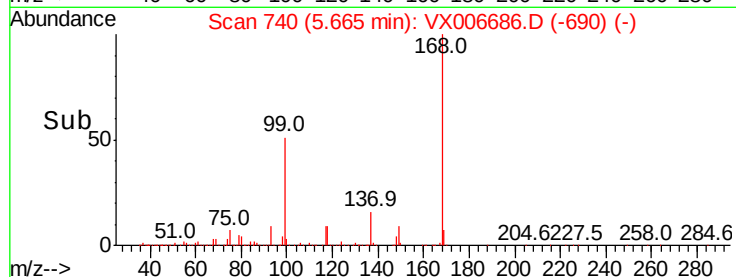
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 2.926 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX006686.D

Acq: 20 Dec 2018 19:47

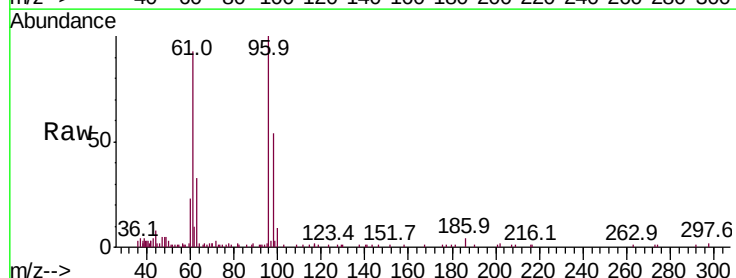
Tgt Ion: 96 Resp: 19954

Ion Ratio Lower Upper

96 100

61 101.3 0.0 258.6

98 62.7 0.0 132.0



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

10000

8000

6000

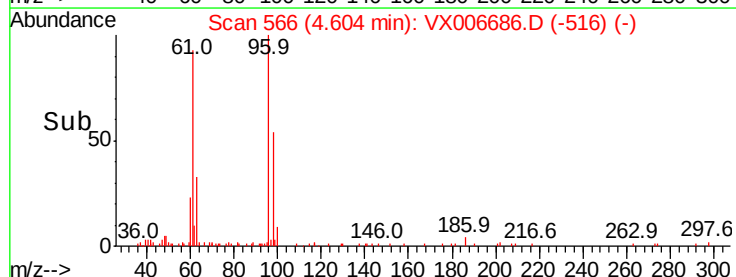
4000

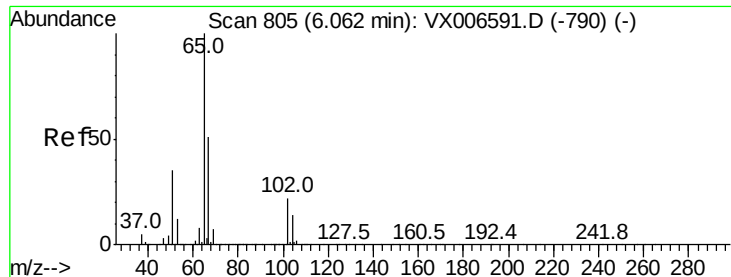
2000

0

4.50 4.60 4.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: 51.113 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006686.D

Acq: 20 Dec 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

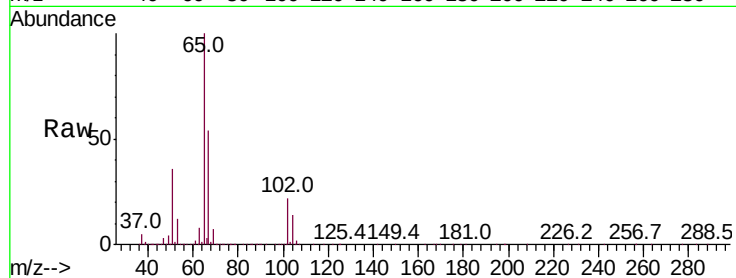
973-MW-17(15.5)

Tot Ion: 65 Resp: 343885

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

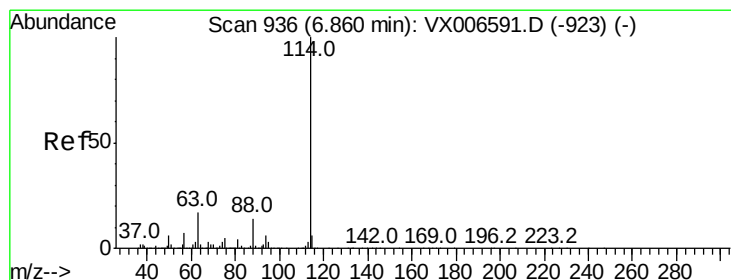
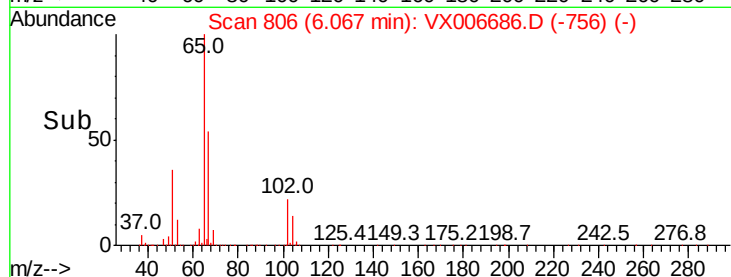
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006686.D

Acq: 20 Dec 2018 19:47

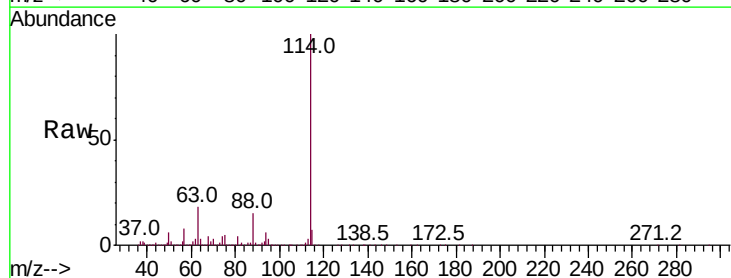
Tgt Ion: 114 Resp: 989202

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.8

88 14.9 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

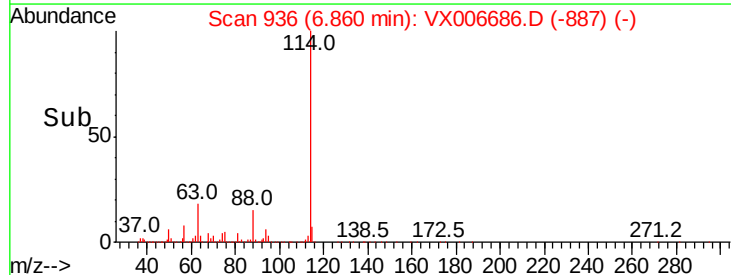
300000

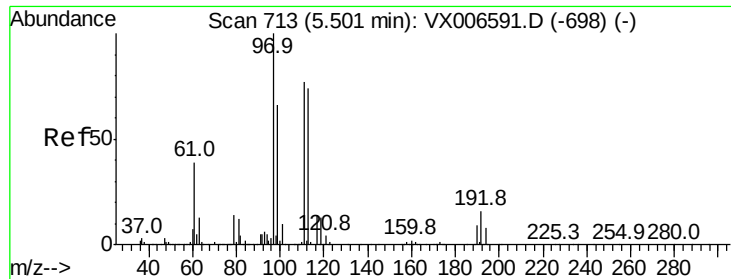
200000

100000

0

Time-->

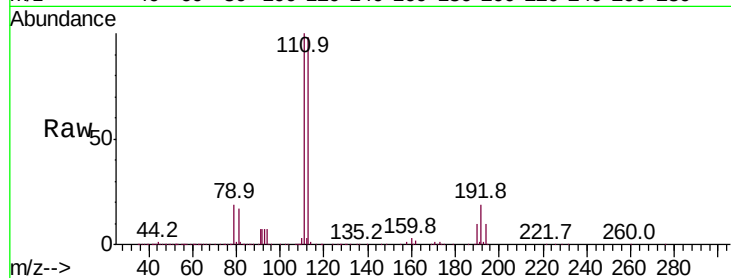




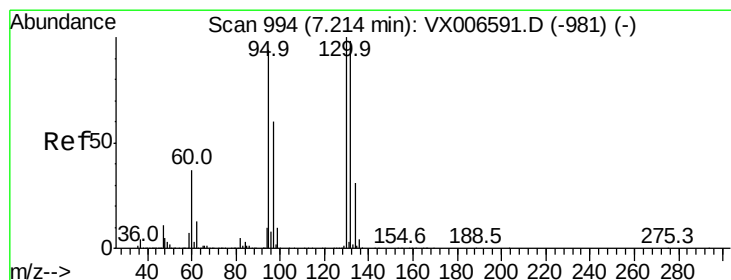
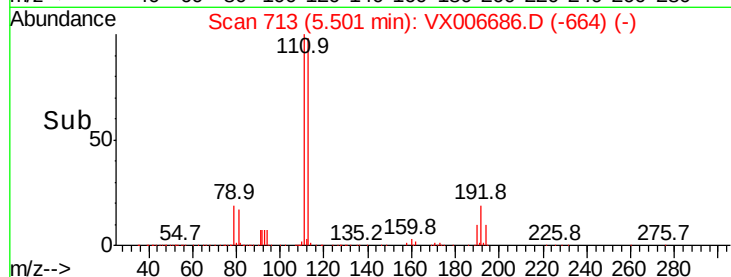
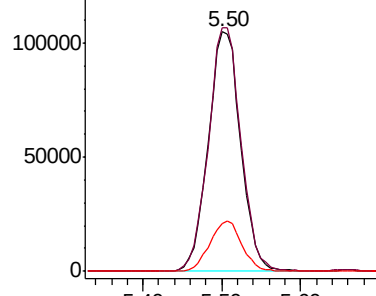
#35
 Dibromofluoromethane
 Concen: 47.821 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006686.D
 Acq: 20 Dec 2018 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 973-MW-17(15.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.6	122.4
192	20.8	16.7	25.1

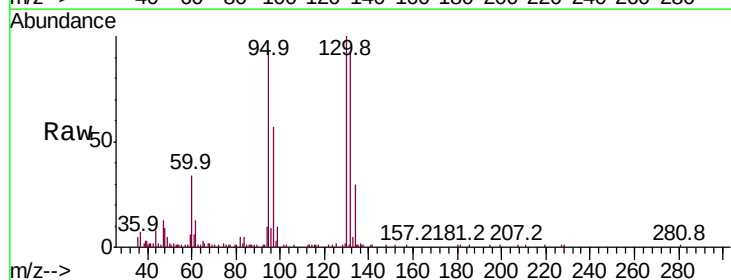


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

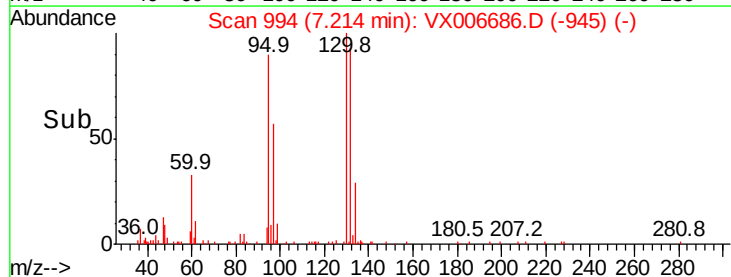
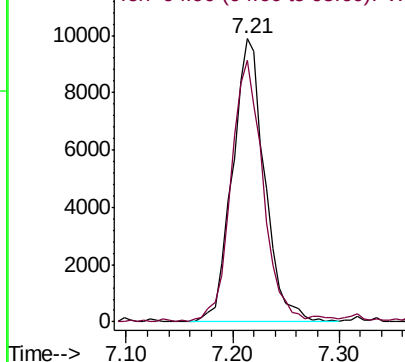


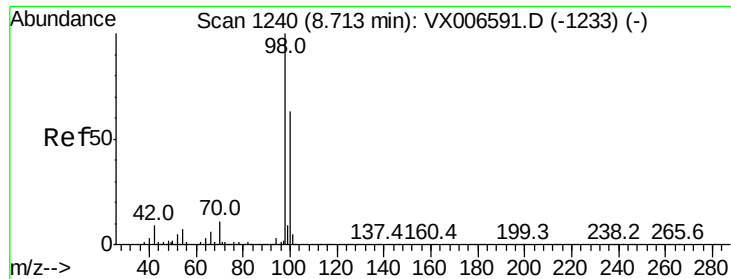
#44
 Trichloroethene
 Concen: 2.785 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006686.D
 Acq: 20 Dec 2018 19:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.5	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: 50.229 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006686.D

Acq: 20 Dec 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

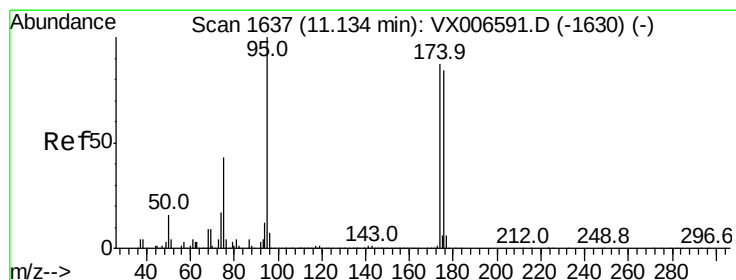
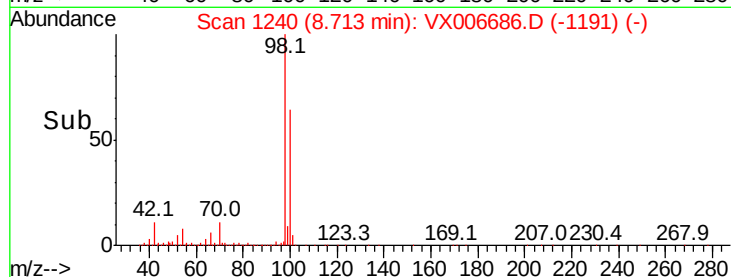
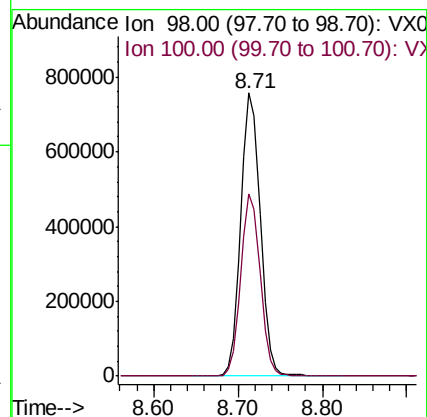
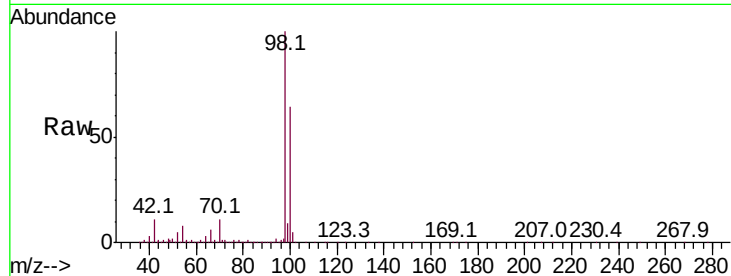
973-MW-17(15.5)

Tot Ion: 98 Resp: 1184586

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.635 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006686.D

Acq: 20 Dec 2018 19:47

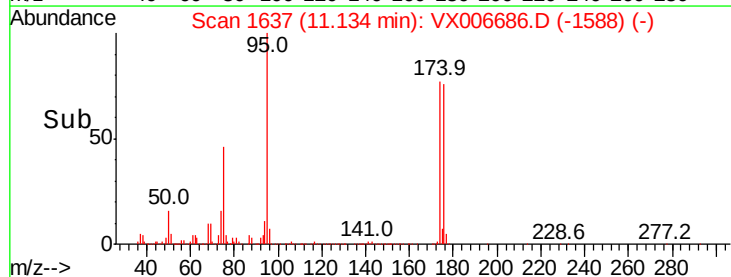
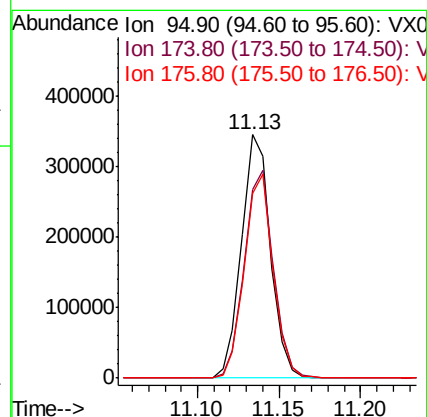
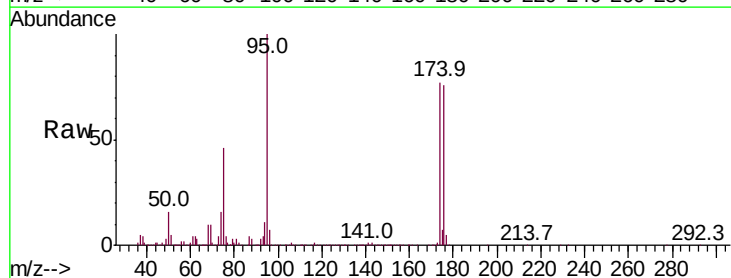
Tgt Ion: 95 Resp: 428713

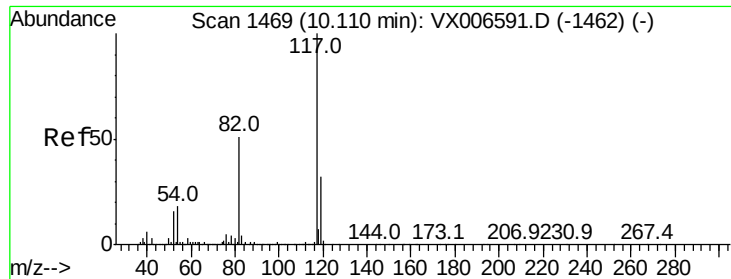
Ion Ratio Lower Upper

95 100

174 86.0 0.0 182.2

176 83.6 0.0 178.8

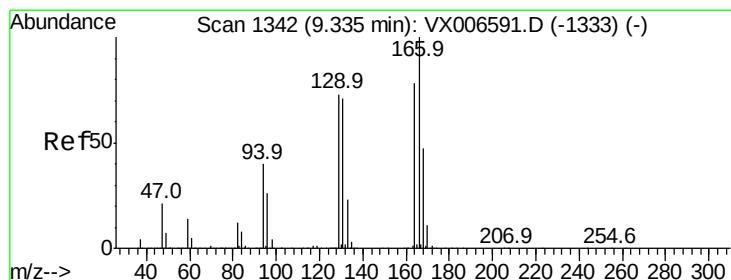
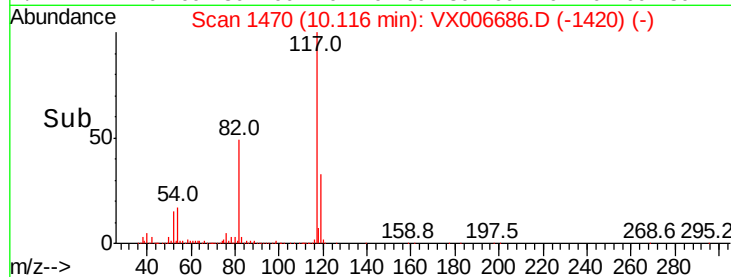
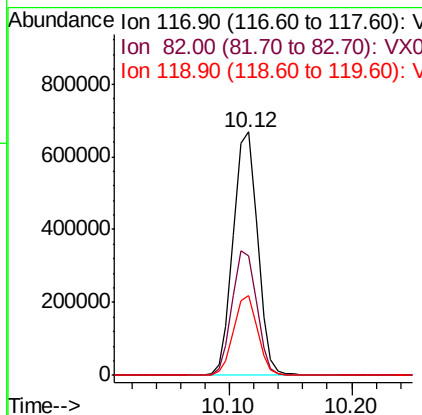
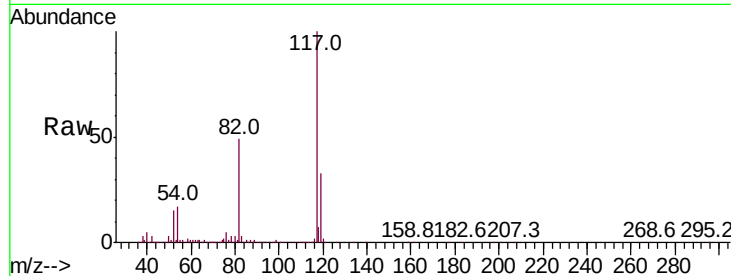




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006686.D
Acq: 20 Dec 2018 19:47

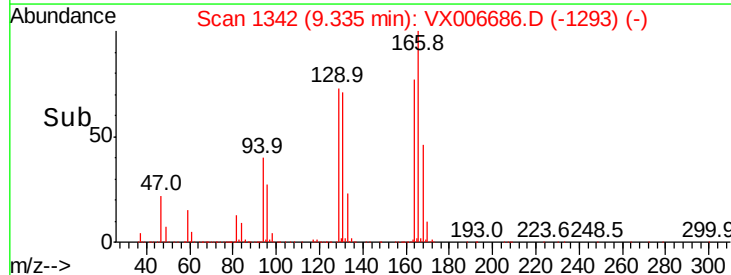
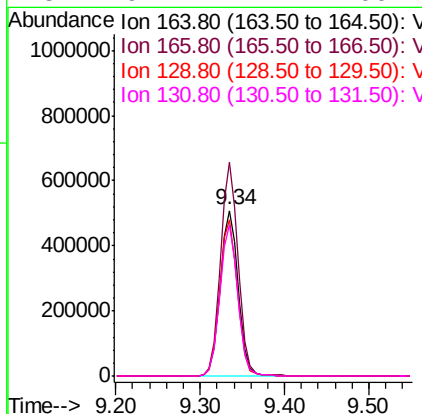
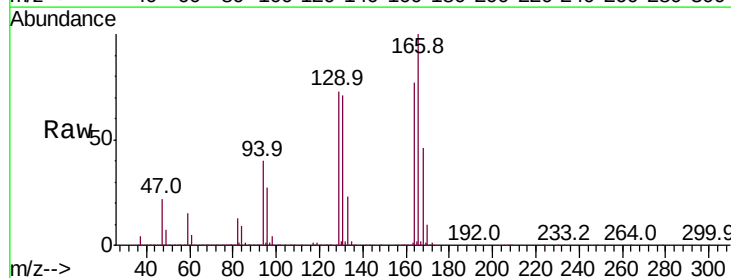
Instrument :
MSVOA_X
ClientSampleId :
973-MW-17(15.5)

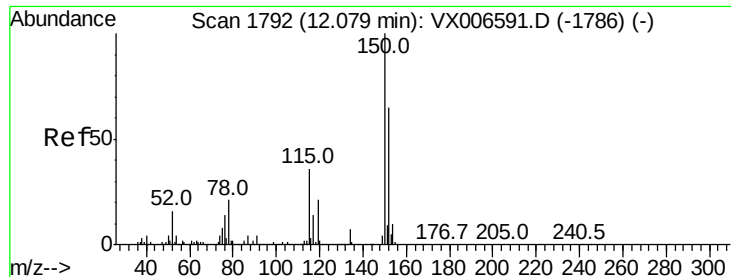
Tot Ion	Ratio	Lower	Upper
117	100		
82	49.1	41.0	61.6
119	32.7	25.4	38.0



#64
Tetrachloroethene
Concen: 102.566 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006686.D
Acq: 20 Dec 2018 19:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	102.5	153.7
129	94.7	75.1	112.7
131	91.7	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: VX006686.D

Acq: 20 Dec 2018 19:47

Instrument :

MSVOA_X

ClientSampleId :

973-MW-17(15.5)

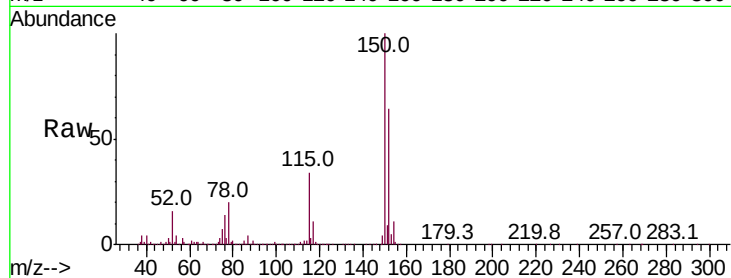
Tot Ion:152 Resp: 438438

Ion Ratio Lower Upper

152 100

115 56.2 39.1 117.2

150 156.9 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

