

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006733.D
 Acq On : 21 Dec 2018 19:30
 Operator : JC/MD
 Sample : J6484-01DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 963-MW-01(23)DL

Quant Time: Dec 22 12:19:53 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

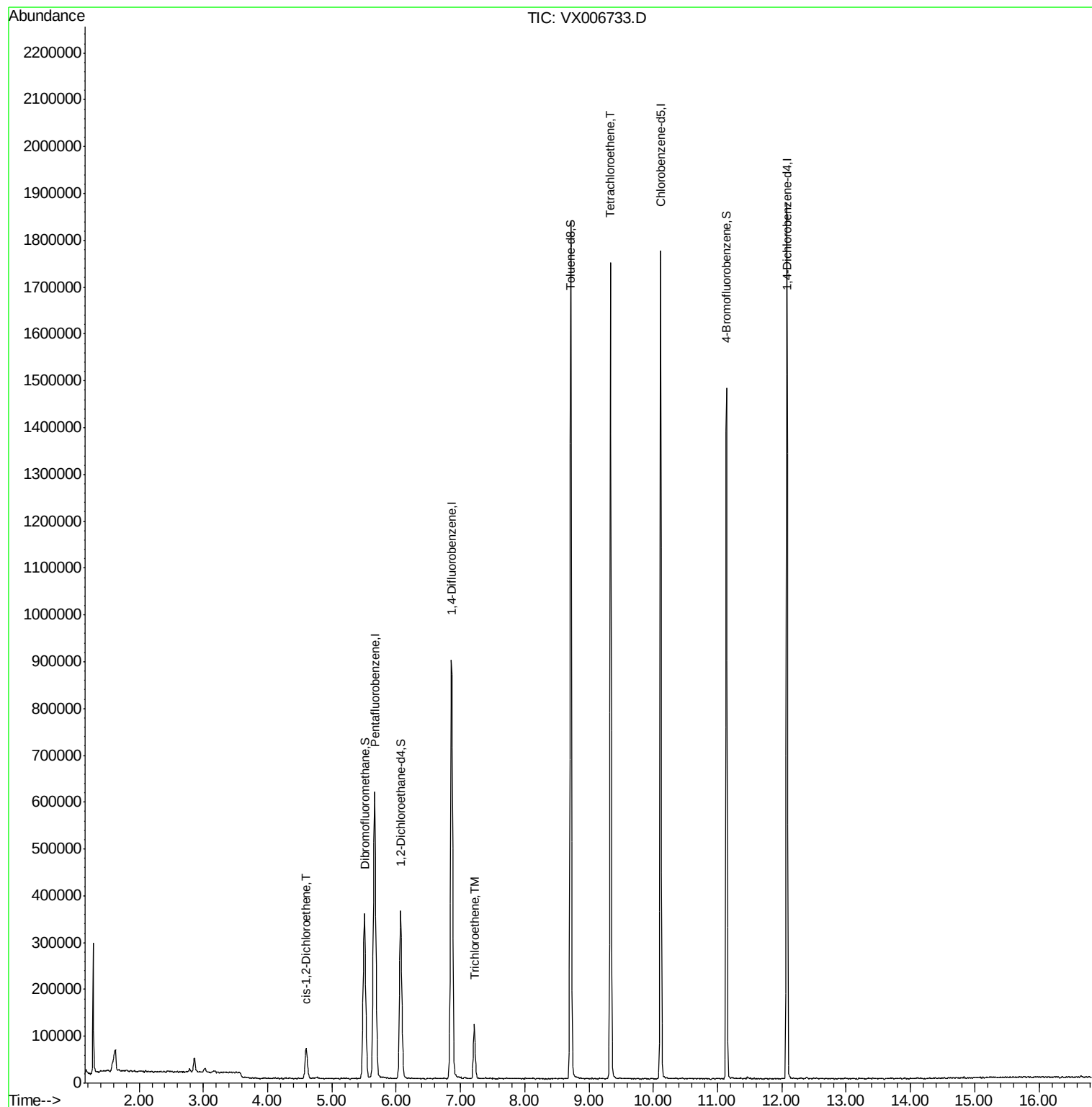
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	620056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	966110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	862267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	401006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	333501	49.91	ug/l	0.01
Spiked Amount 50.000			Recovery	=	99.82%	
35) Dibromofluoromethane	5.51	113	297525	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	1122329	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	11.14	95	394351	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	43790	6.466	ug/l	93
44) Trichloroethene	7.22	130	45135	6.131	ug/l	91
64) Tetrachloroethene	9.34	164	341525	50.019	ug/l	96

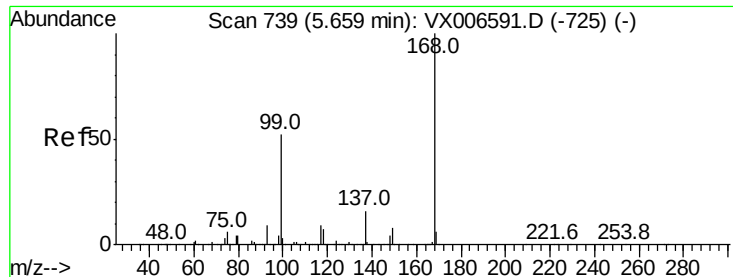
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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Acq: 21 Dec 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

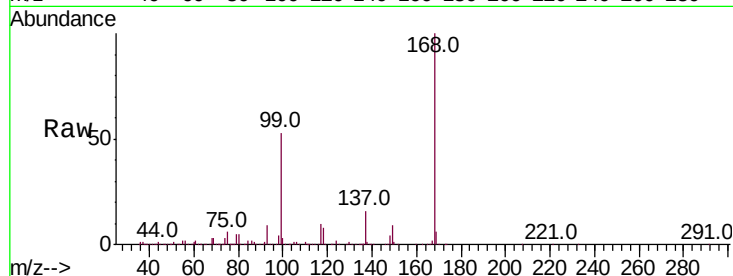
963-MW-01(23)DL

Tot Ion:168 Resp: 620056

Ion Ratio Lower Upper

168 100

99 53.0 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

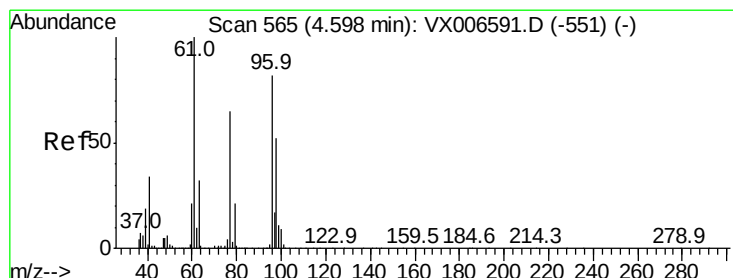
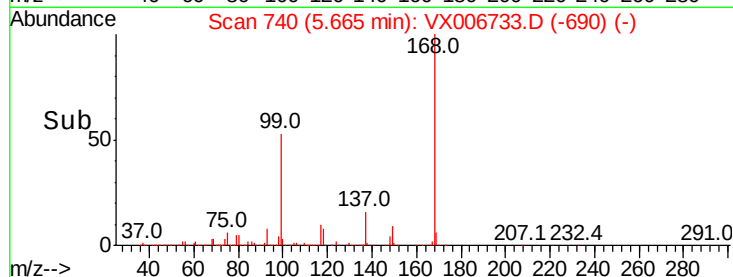
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 6.466 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006733.D

Acq: 21 Dec 2018 19:30

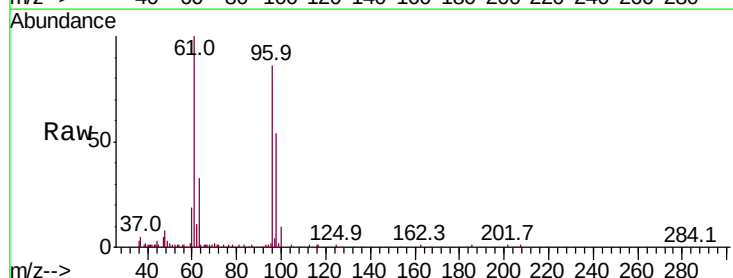
Tgt Ion: 96 Resp: 43790

Ion Ratio Lower Upper

96 100

61 118.2 0.0 258.6

98 64.7 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

25000

20000

15000

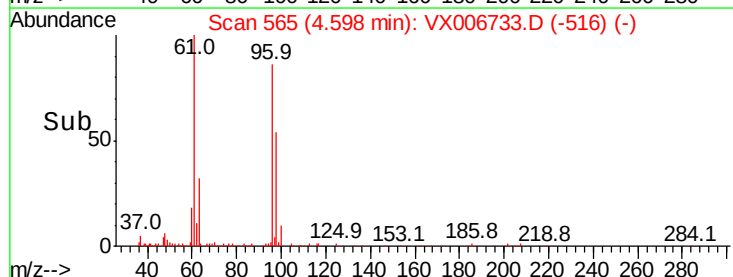
10000

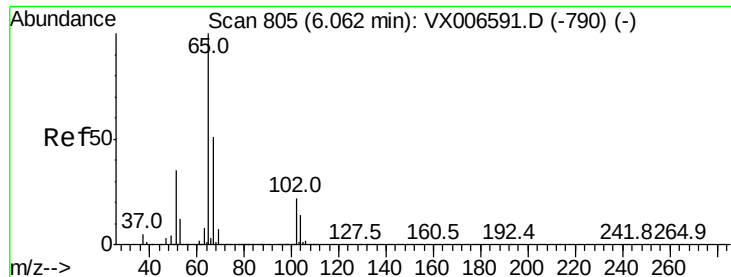
5000

0

4.50 4.60 4.70

Time-->

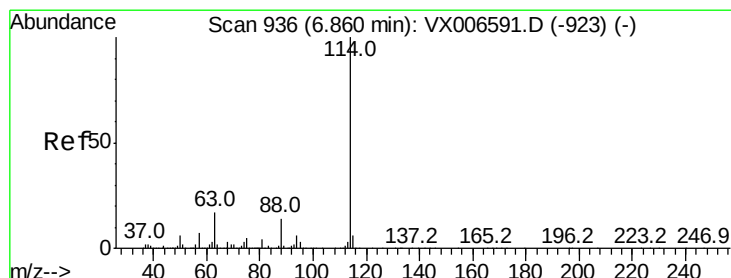
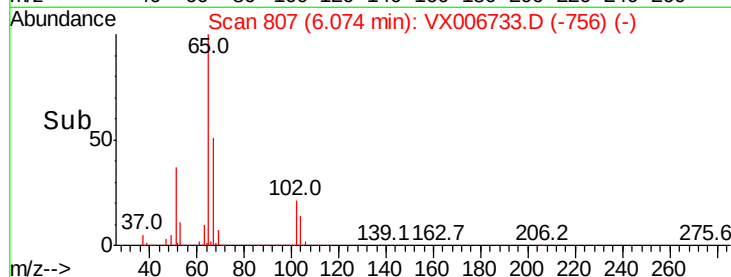
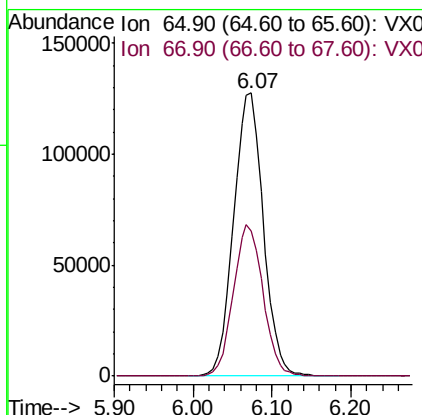
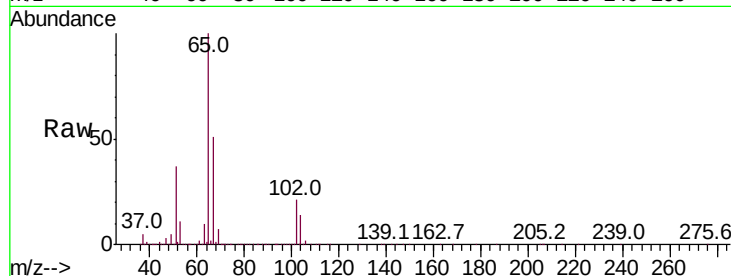




#33
 1,2-Dichloroethane-d4
 Concen: 49.905 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX006733.D
 Acq: 21 Dec 2018 19:30

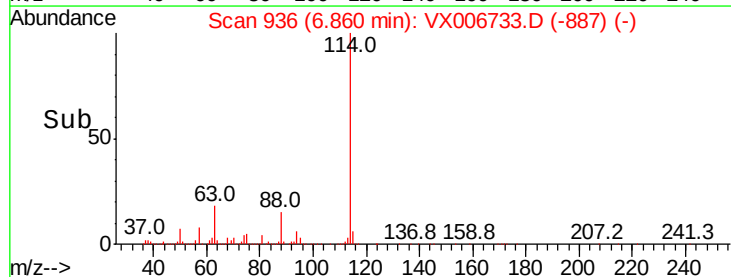
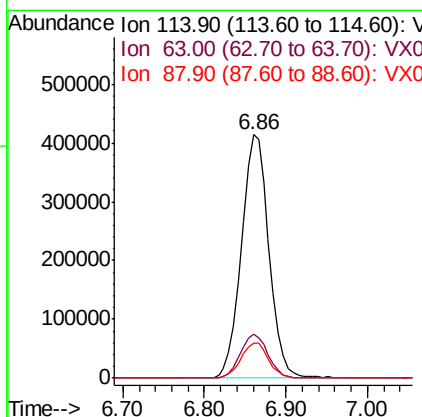
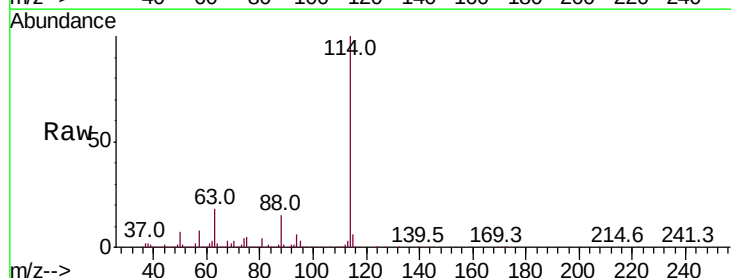
Instrument :
 MSVOA_X
 ClientSampleId :
 963-MW-01(23)DL

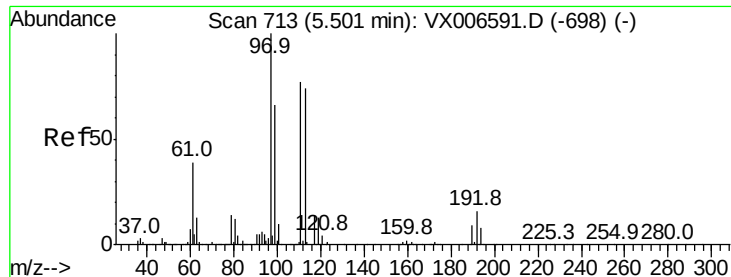
Tot Ion: 65 Resp: 333501
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006733.D
 Acq: 21 Dec 2018 19:30

Tgt Ion: 114 Resp: 966110
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.699 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006733.D

Acq: 21 Dec 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

963-MW-01(23)DL

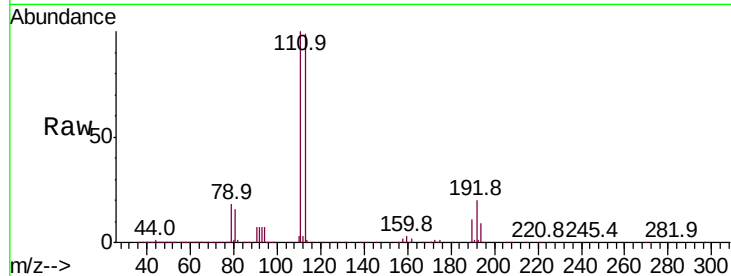
Tot Ion:113 Resp: 297525

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

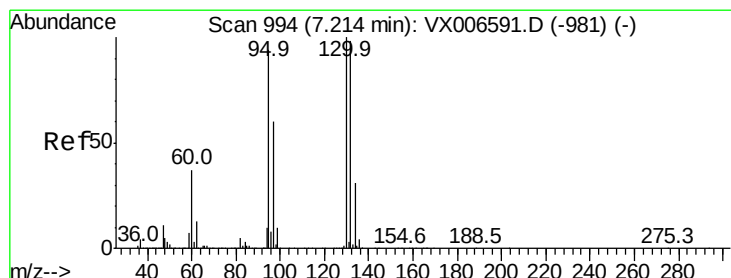
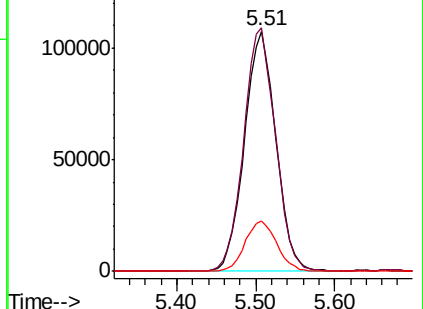
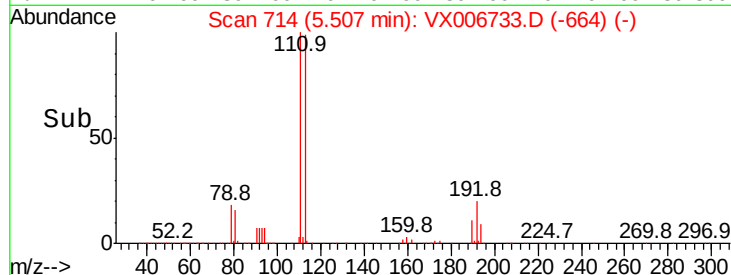
192 21.2 16.7 25.1



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: 6.131 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006733.D

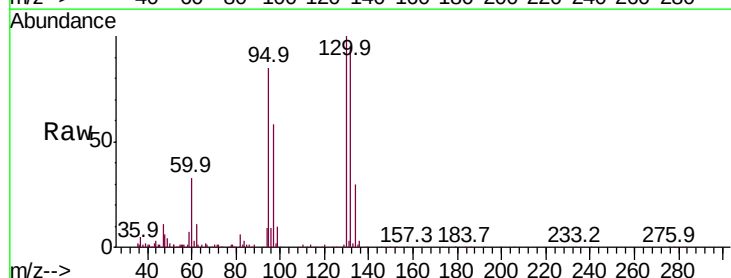
Acq: 21 Dec 2018 19:30

Tgt Ion:130 Resp: 45135

Ion Ratio Lower Upper

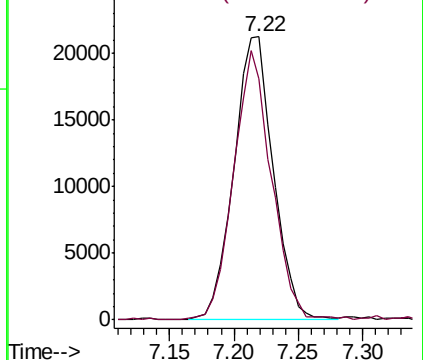
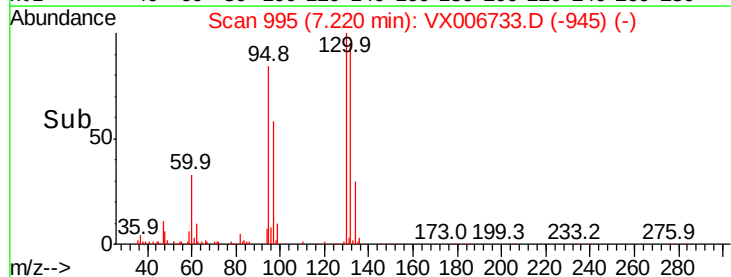
130 100

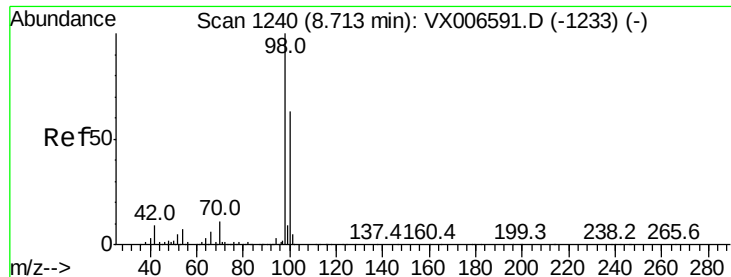
95 84.5 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.727 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006733.D

Acq: 21 Dec 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

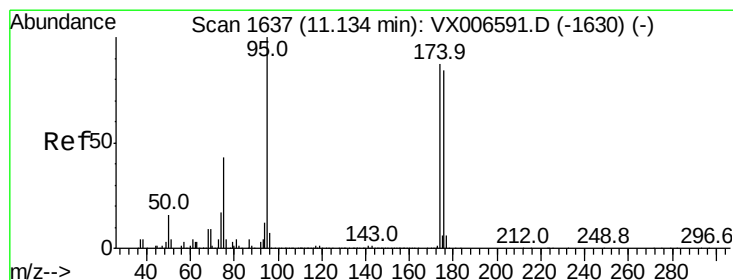
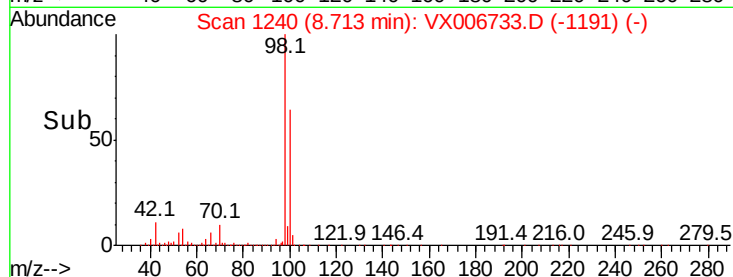
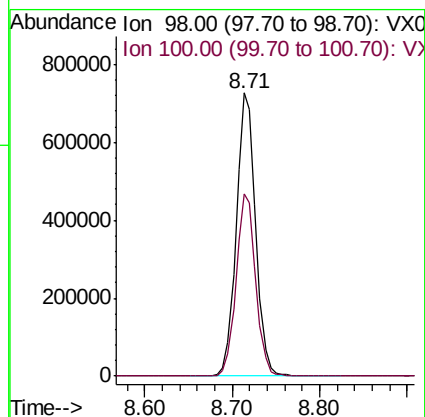
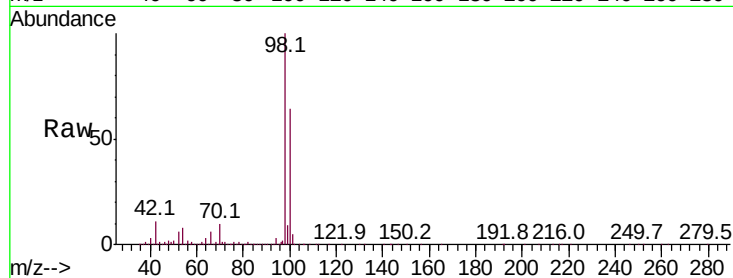
963-MW-01(23)DL

Tot Ion: 98 Resp: 1122329

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.748 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX006733.D

Acq: 21 Dec 2018 19:30

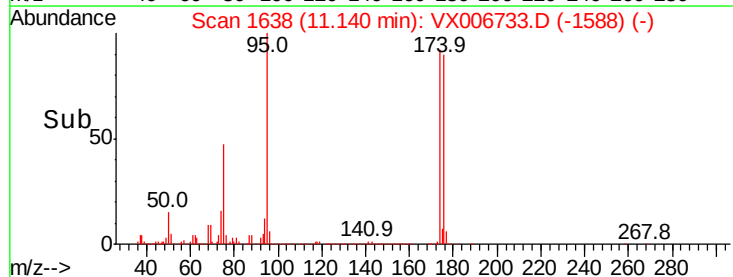
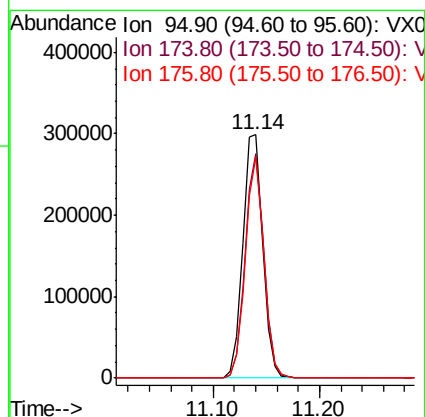
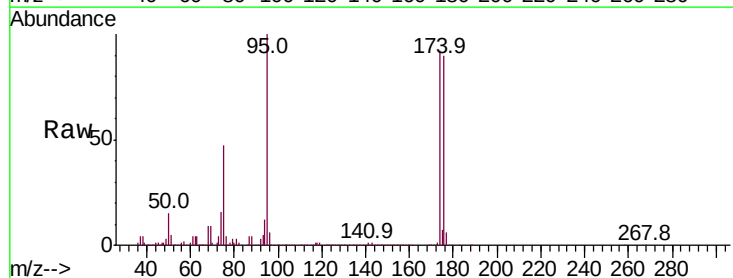
Tgt Ion: 95 Resp: 394351

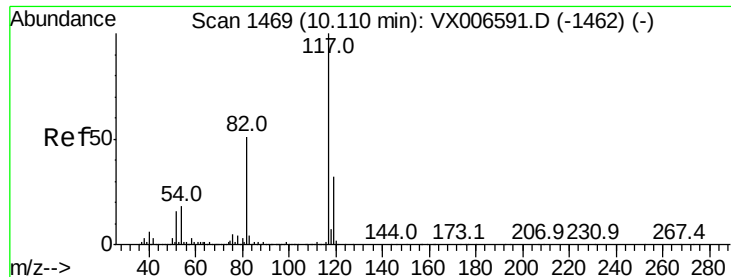
Ion Ratio Lower Upper

95 100

174 87.0 0.0 182.2

176 84.7 0.0 178.8

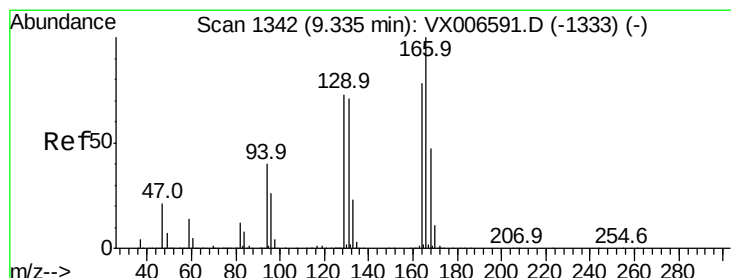
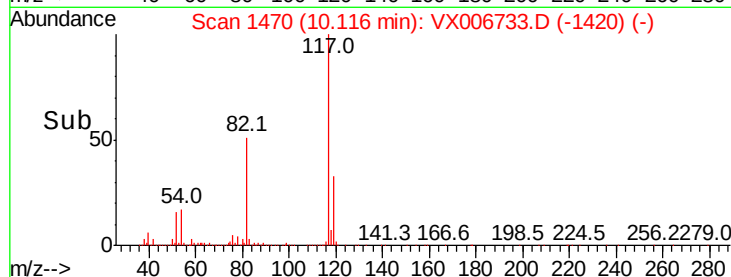
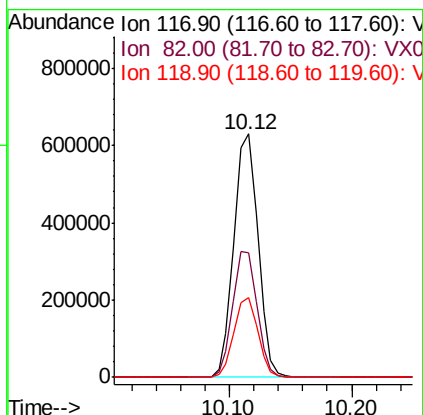
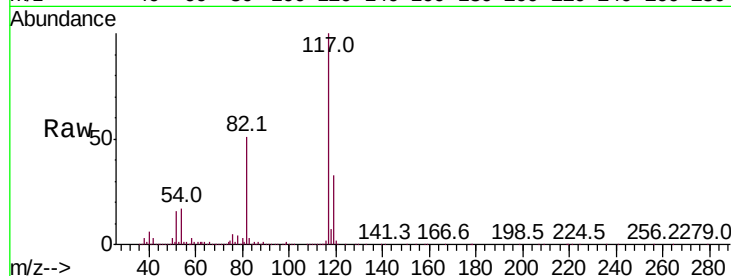




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006733.D
Acq: 21 Dec 2018 19:30

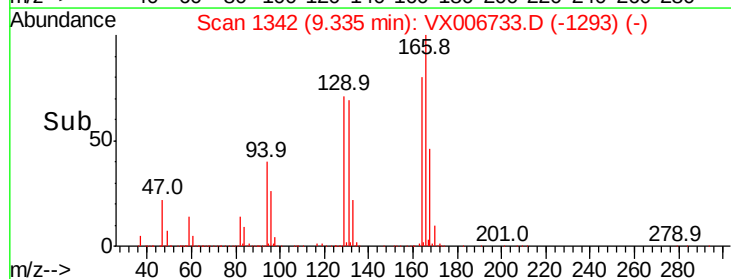
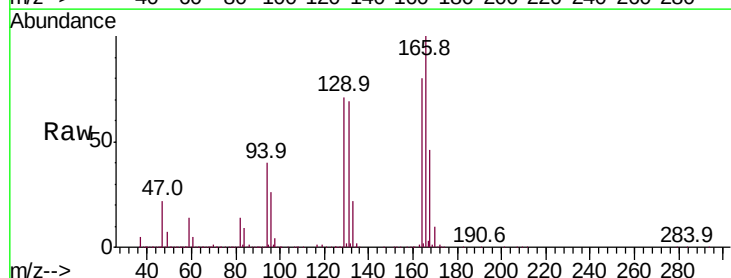
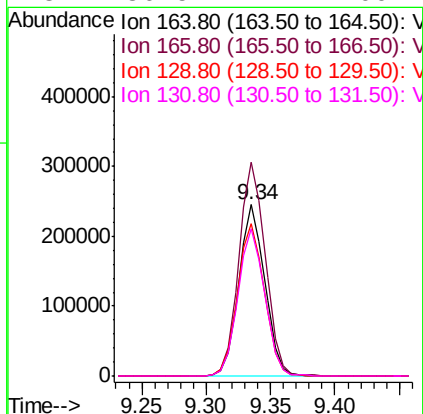
Instrument :
MSVOA_X
ClientSampleId :
963-MW-01(23)DL

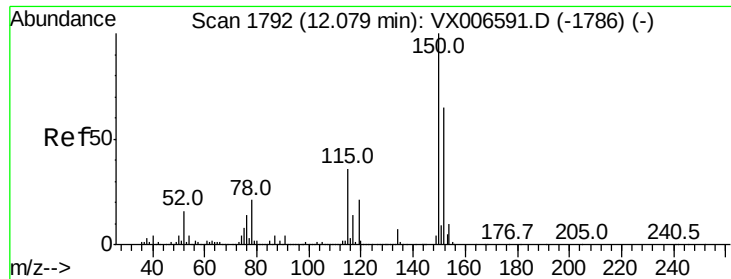
Tot Ion:117 Resp: 862267
Ion Ratio Lower Upper
117 100
82 51.2 41.0 61.6
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 50.019 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006733.D
Acq: 21 Dec 2018 19:30

Tgt Ion:164 Resp: 341525
Ion Ratio Lower Upper
164 100
166 125.0 102.5 153.7
129 89.1 75.1 112.7
131 86.5 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: VX006733.D

Acq: 21 Dec 2018 19:30

Instrument :

MSVOA_X

ClientSampleId :

963-MW-01(23)DL

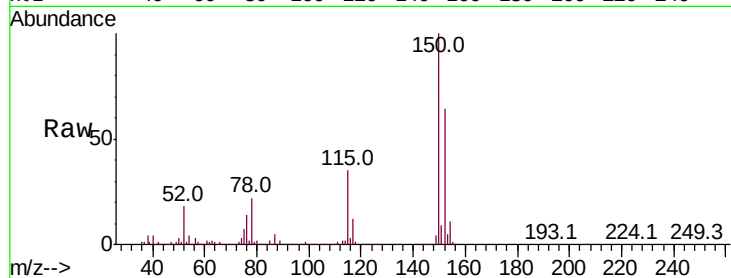
Tot Ion:152 Resp: 401006

Ion Ratio Lower Upper

152 100

115 55.4 39.1 117.2

150 156.0 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

