

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122118\
 Data File : VX006732.D
 Acq On : 21 Dec 2018 19:04
 Operator : JC/MD
 Sample : J6484-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 965-MW-03A(17)DL

Quant Time: Dec 22 12:19:26 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

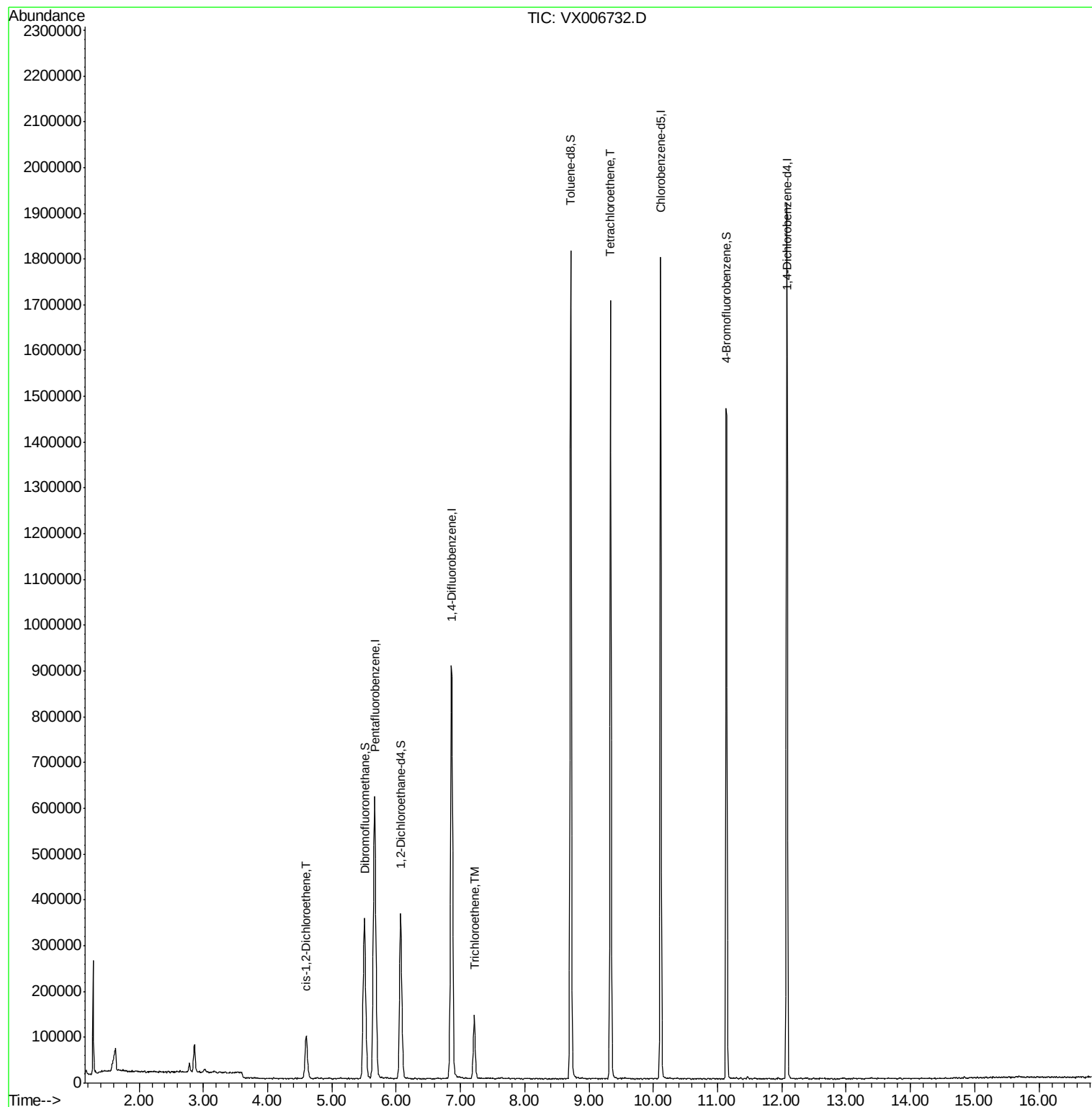
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	626412	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	969710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	861961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	410350	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	336744	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	298423	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
50) Toluene-d8	8.71	98	1127844	48.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	11.13	95	393051	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	65988	9.645	ug/l	90
44) Trichloroethene	7.21	130	55547	7.518	ug/l	99
64) Tetrachloroethene	9.34	164	332405	48.701	ug/l	99

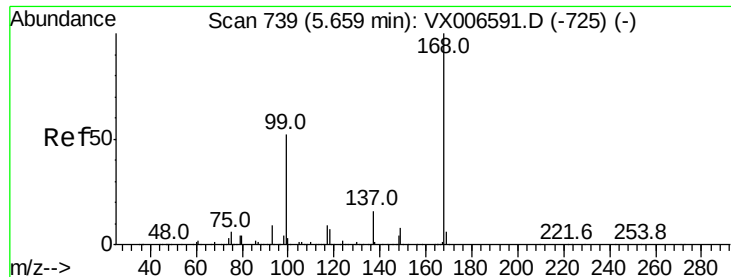
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX006732.D

Acq: 21 Dec 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

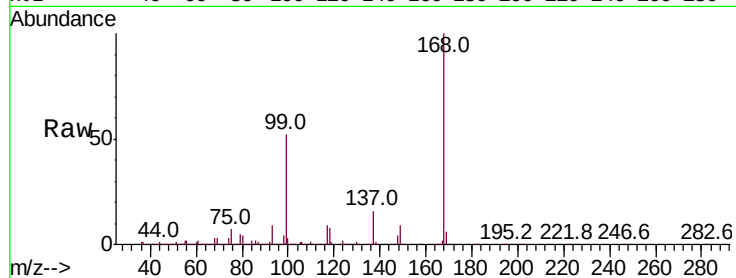
965-MW-03A(17)DL

Tot Ion:168 Resp: 626412

Ion Ratio Lower Upper

168 100

99 51.6 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

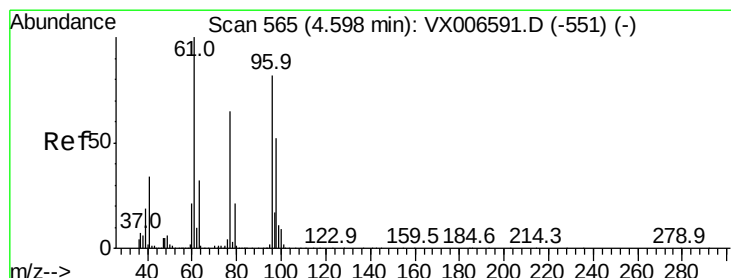
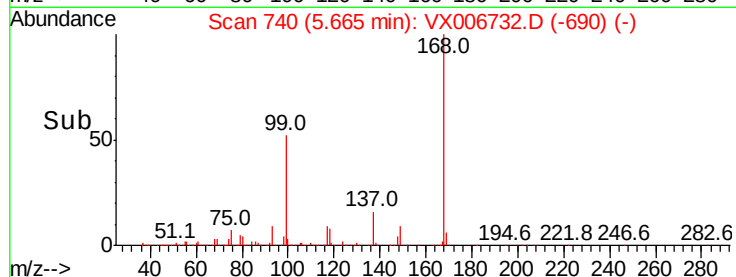
50000

0

5.67

5.50 5.60 5.70 5.80

Time-->



#27

cis-1,2-Dichloroethene

Concen: 9.645 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX006732.D

Acq: 21 Dec 2018 19:04

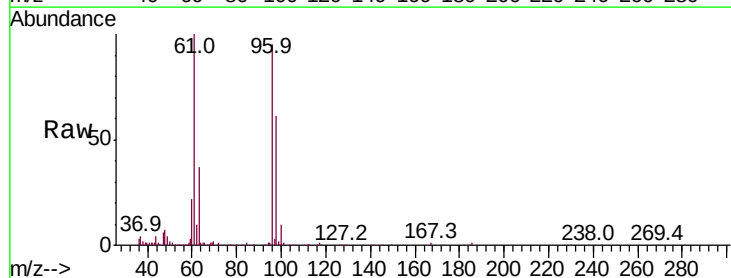
Tgt Ion: 96 Resp: 65988

Ion Ratio Lower Upper

96 100

61 111.9 0.0 258.6

98 65.1 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

30000

20000

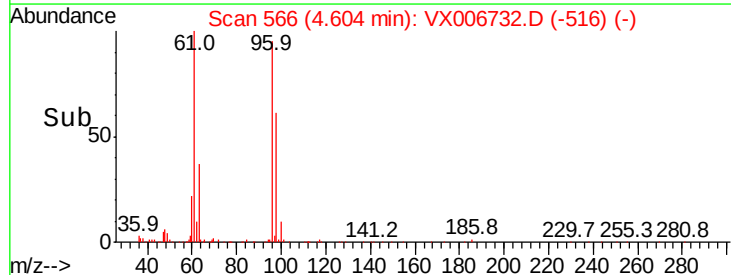
10000

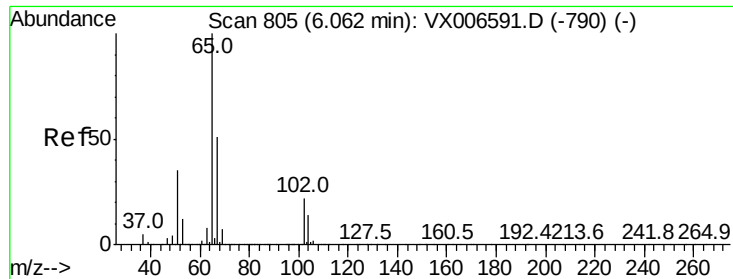
0

4.60

4.50 4.60 4.70

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.879 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006732.D

Acq: 21 Dec 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

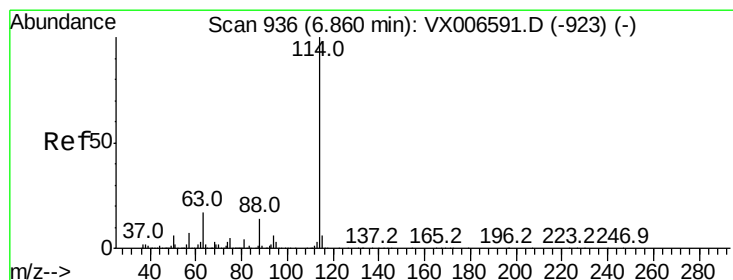
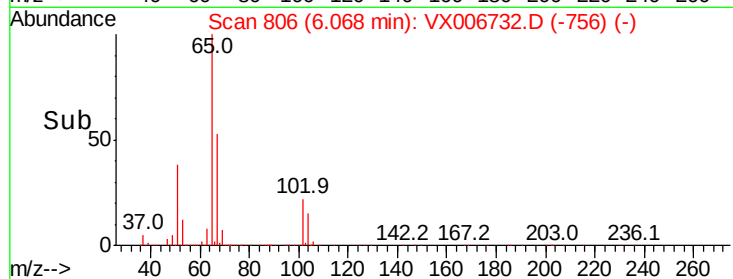
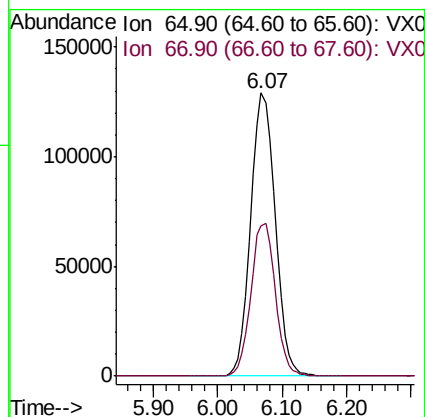
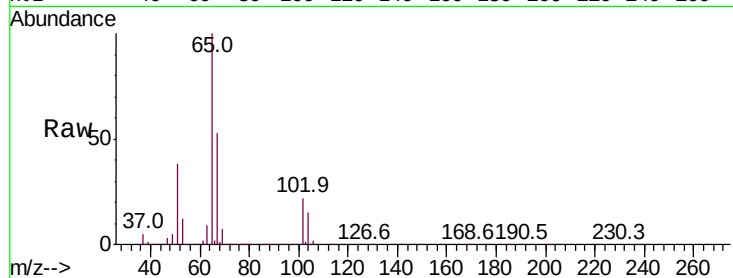
965-MW-03A(17)DL

Tot Ion: 65 Resp: 336744

Ion Ratio Lower Upper

65 100

67 53.7 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: VX006732.D

Acq: 21 Dec 2018 19:04

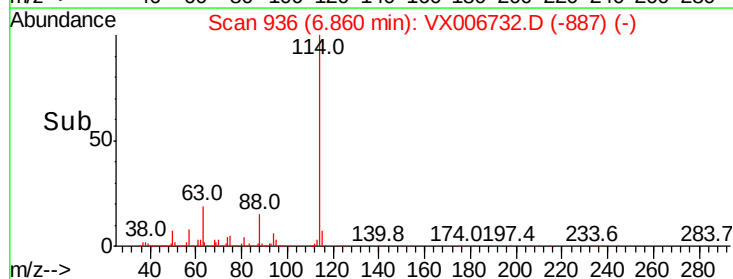
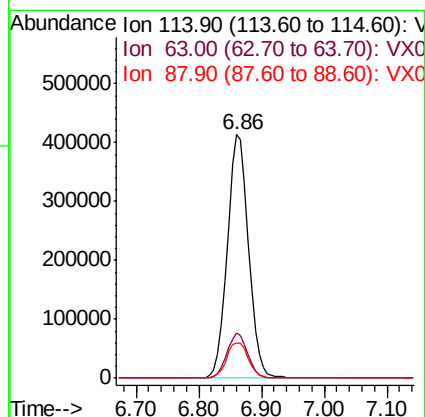
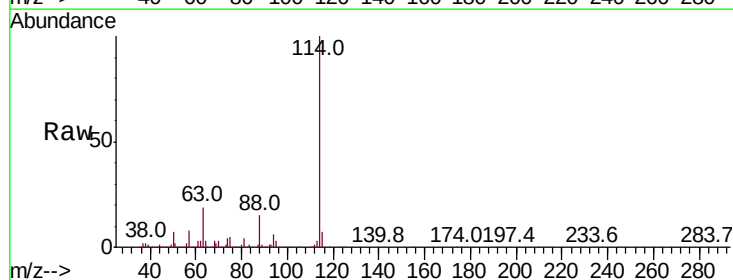
Tgt Ion: 114 Resp: 969710

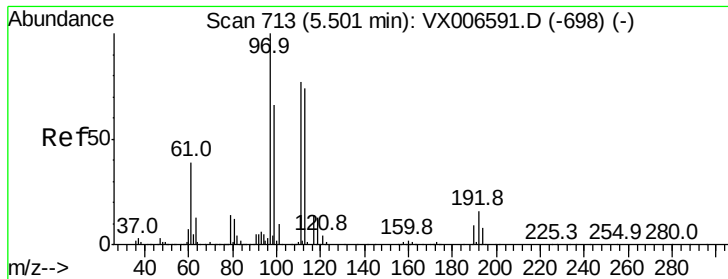
Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.8

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.664 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006732.D

Acq: 21 Dec 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

965-MW-03A(17)DL

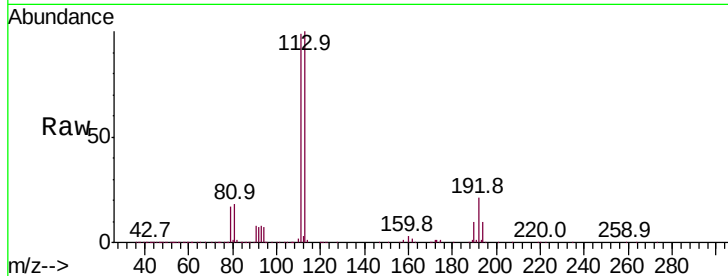
Tot Ion:113 Resp: 298423

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

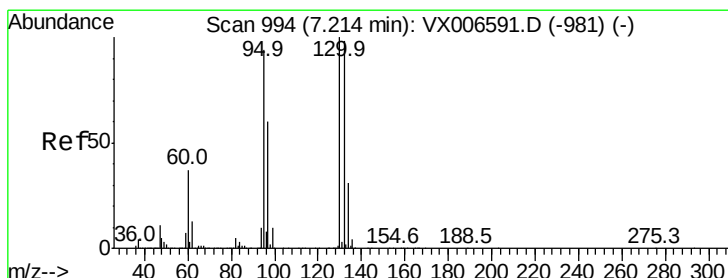
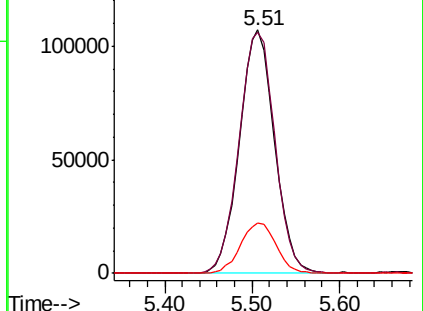
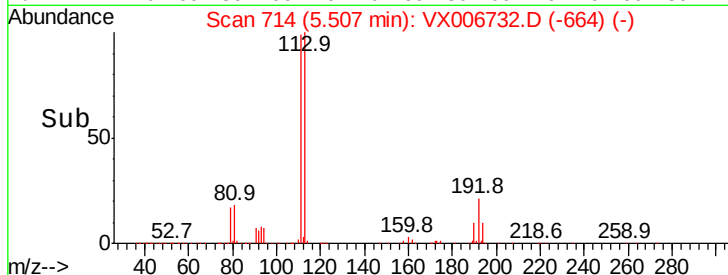
192 21.2 16.7 25.1



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: 7.518 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006732.D

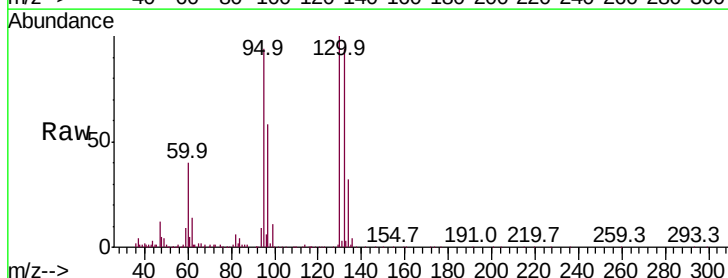
Acq: 21 Dec 2018 19:04

Tgt Ion:130 Resp: 55547

Ion Ratio Lower Upper

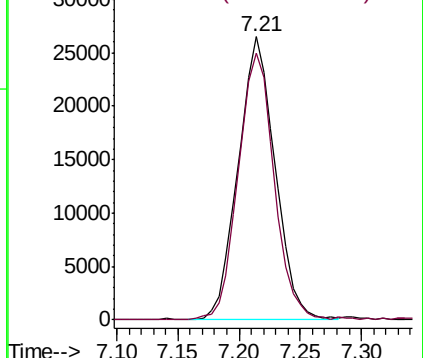
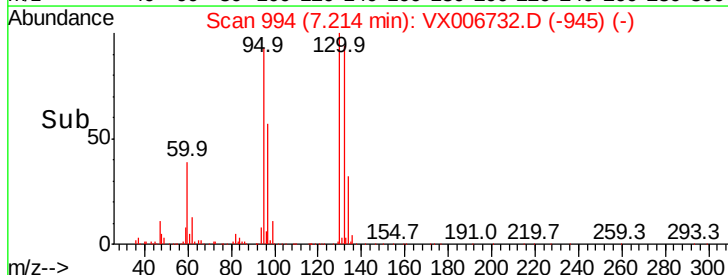
130 100

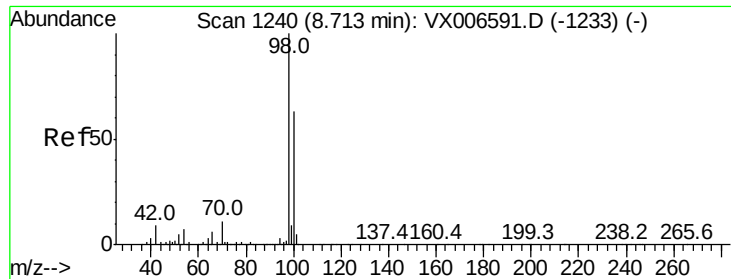
95 94.4 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.785 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006732.D

Acq: 21 Dec 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

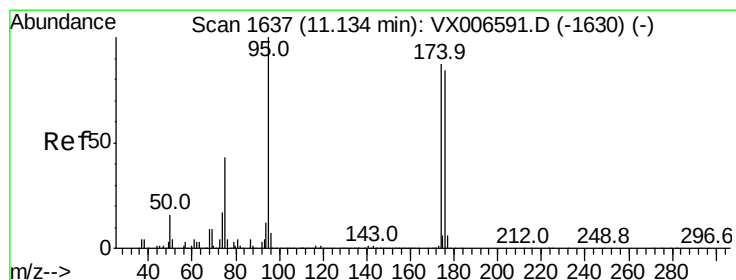
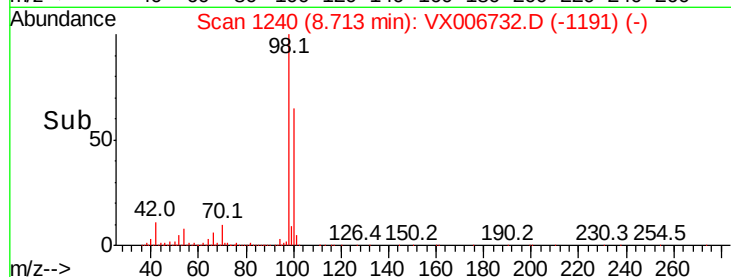
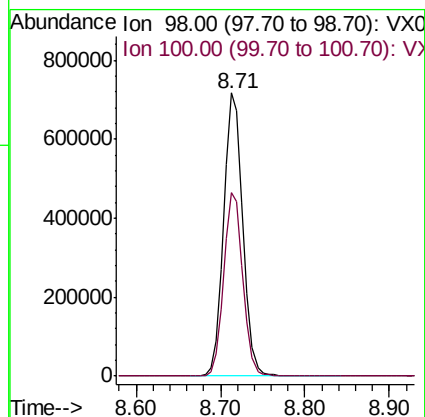
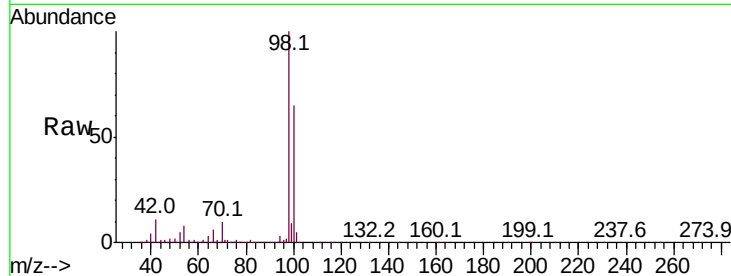
965-MW-03A(17)DL

Tot Ion: 98 Resp: 1127844

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.421 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006732.D

Acq: 21 Dec 2018 19:04

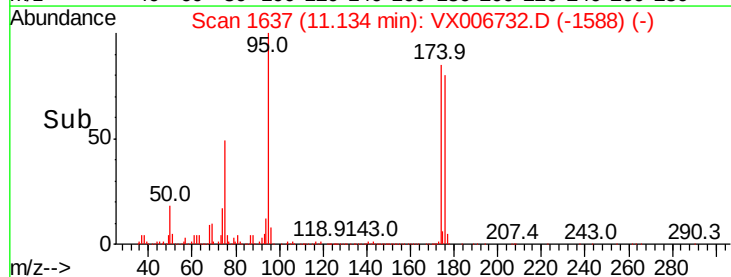
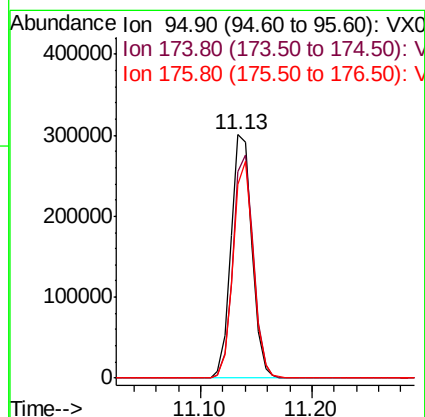
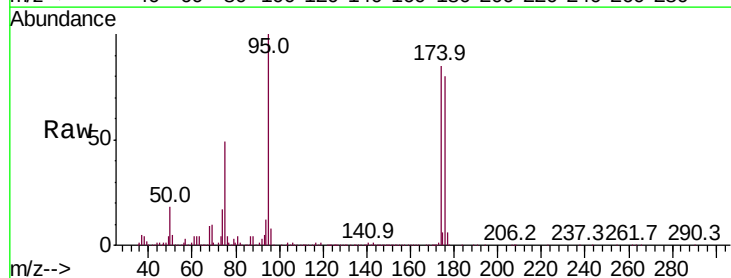
Tgt Ion: 95 Resp: 393051

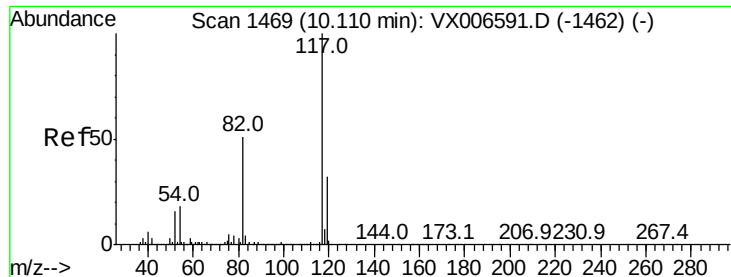
Ion Ratio Lower Upper

95 100

174 88.9 0.0 182.2

176 85.8 0.0 178.8

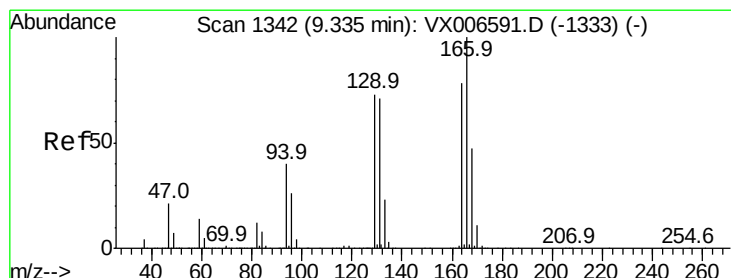
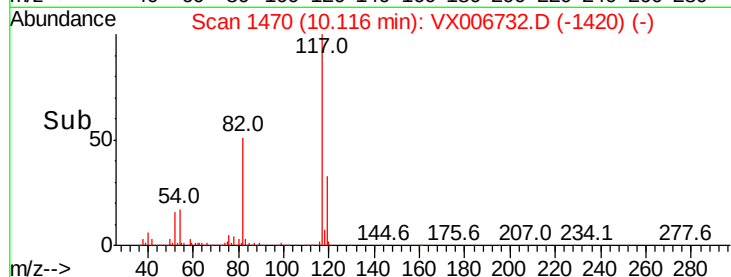
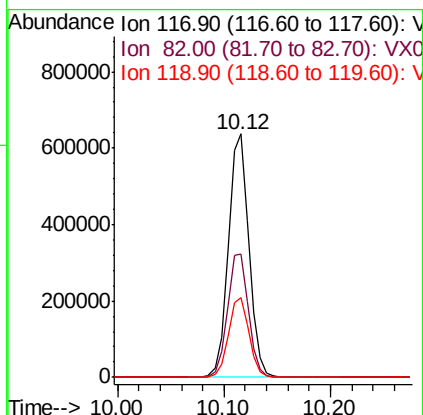
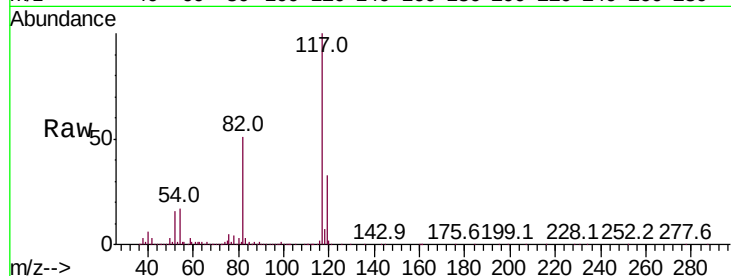




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006732.D
Acq: 21 Dec 2018 19:04

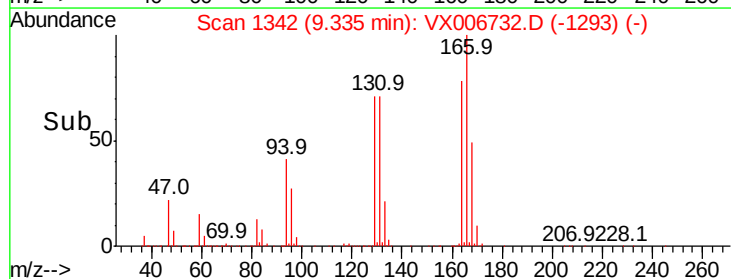
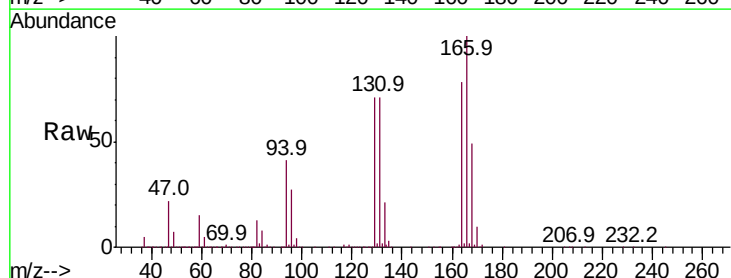
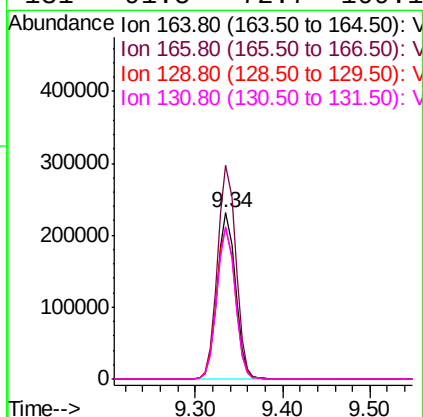
Instrument :
MSVOA_X
ClientSampleId :
965-MW-03A(17)DL

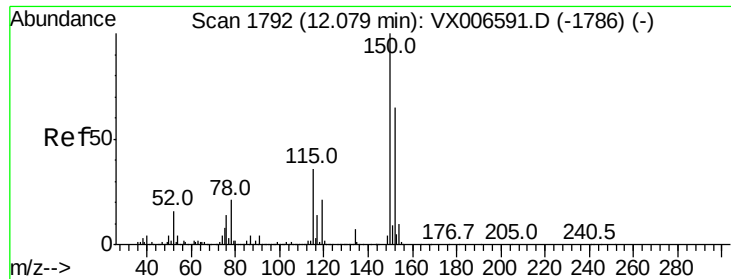
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.0	61.6
119	32.7	25.4	38.0



#64
Tetrachloroethene
Concen: 48.701 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006732.D
Acq: 21 Dec 2018 19:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	102.5	153.7
129	91.0	75.1	112.7
131	91.5	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: VX006732.D

Acq: 21 Dec 2018 19:04

Instrument :

MSVOA_X

ClientSampleId :

965-MW-03A(17)DL

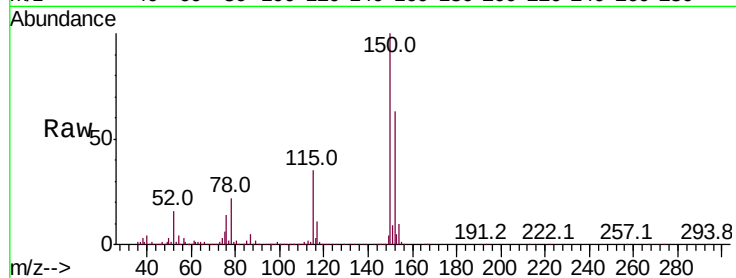
Tot Ion:152 Resp: 410350

Ion Ratio Lower Upper

152 100

115 54.9 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

