

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021119\
 Data File : VX007476.D
 Acq On : 11 Feb 2019 18:52
 Operator : JC/SP
 Sample : K1449-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-23-OW

Quant Time: Feb 12 12:29:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

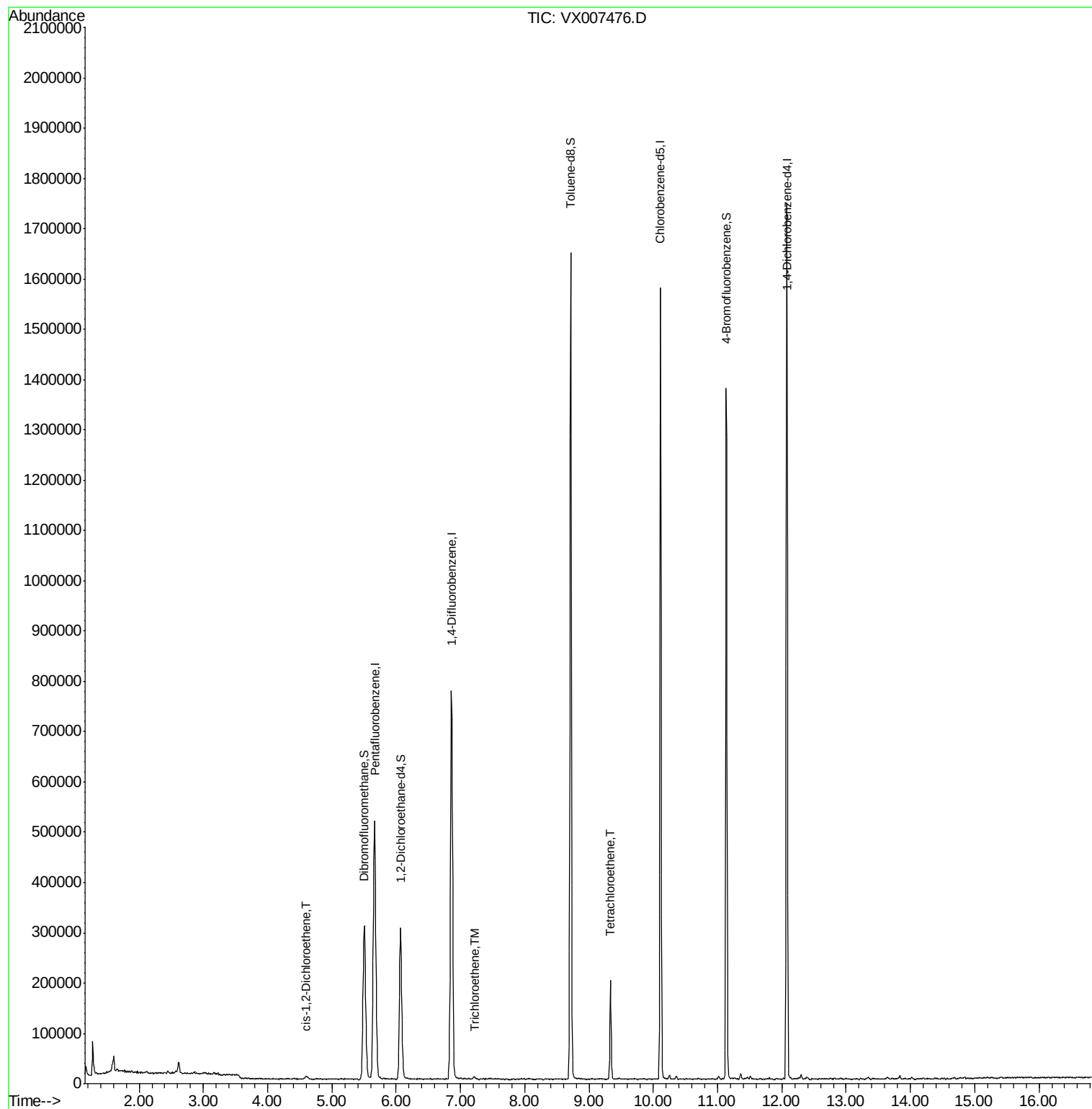
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	532375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	766908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	379518	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	280652	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	5.50	113	260494	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	978505	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	11.13	95	347177	47.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.94%	
Target Compounds						
27) cis-1,2-Dichloroethene	4.60	96	3916	0.662	ug/l	92
44) Trichloroethene	7.22	130	2469	0.378	ug/l	99
64) Tetrachloroethene	9.34	164	38784	5.366	ug/l	96

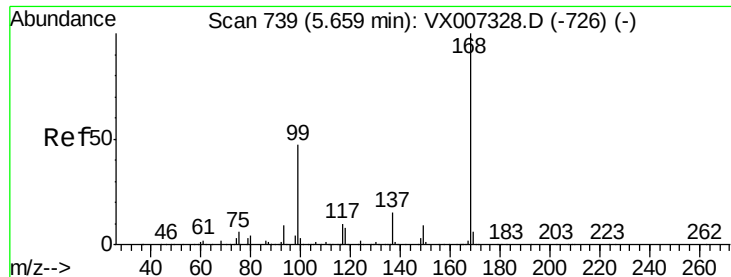
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007476.D

Acq: 11 Feb 2019 18:52

Instrument :

MSVOA_X

ClientSampled :

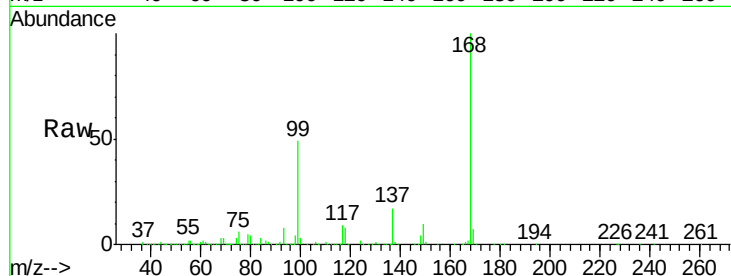
B-23-OW

Tot Ion:168 Resp: 532375

Ion Ratio Lower Upper

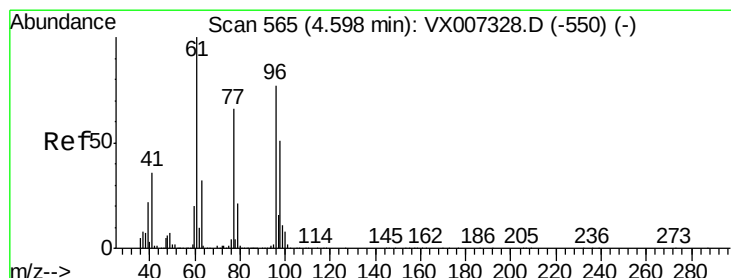
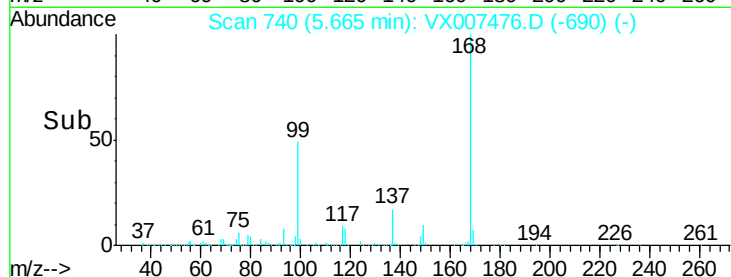
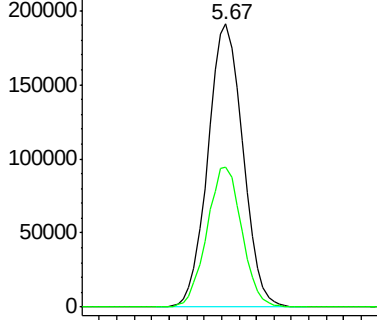
168 100

99 49.2 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 0.662 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX007476.D

Acq: 11 Feb 2019 18:52

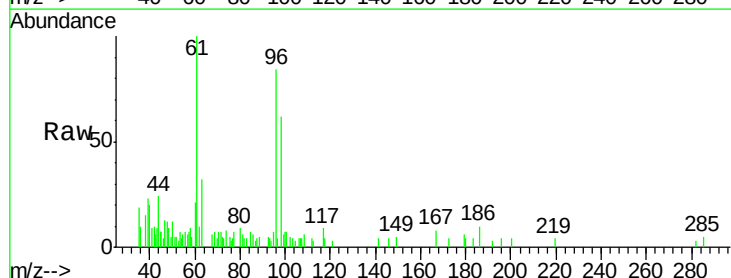
Tgt Ion: 96 Resp: 3916

Ion Ratio Lower Upper

96 100

61 125.3 0.0 265.6

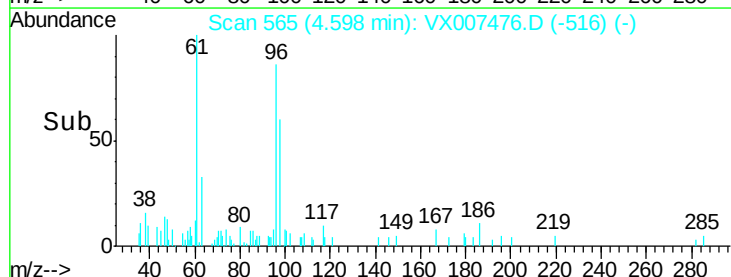
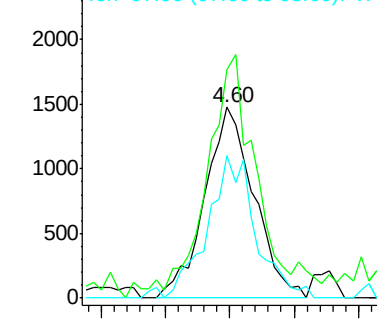
98 73.6 0.0 131.6

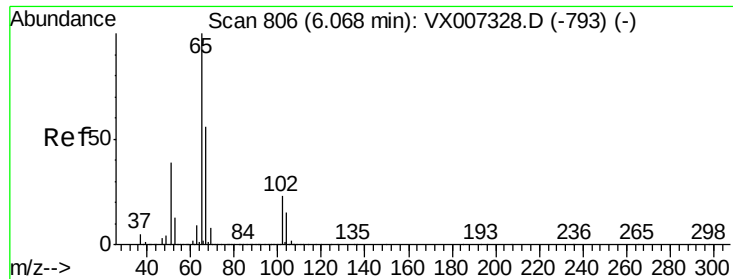


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

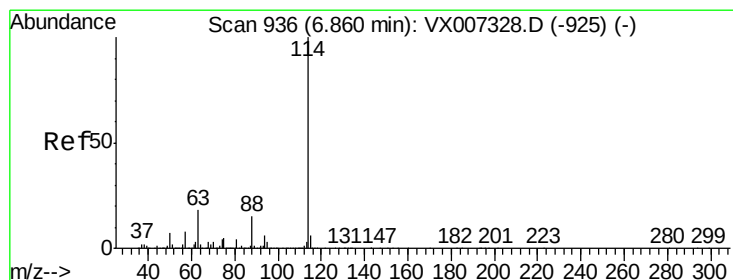
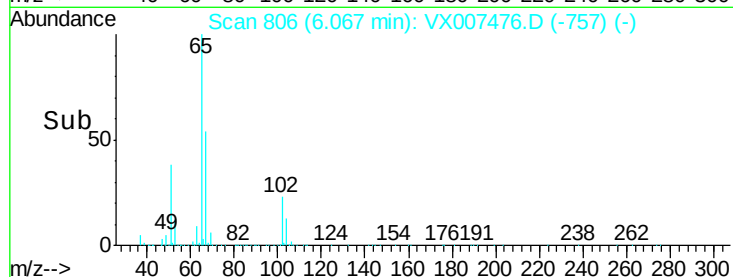
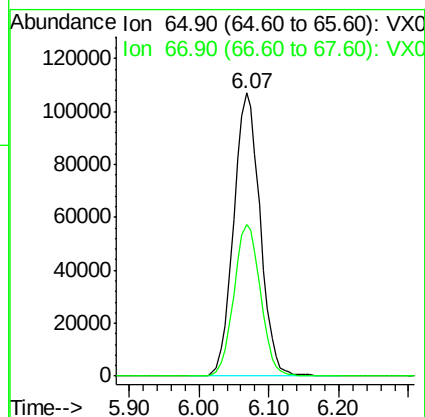
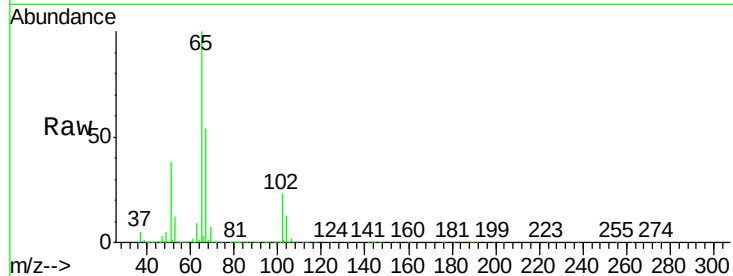




#33
 1,2-Dichloroethane-d4
 Concen: 49.666 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007476.D
 Acq: 11 Feb 2019 18:52

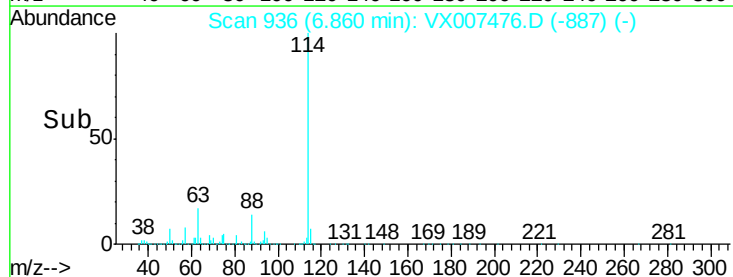
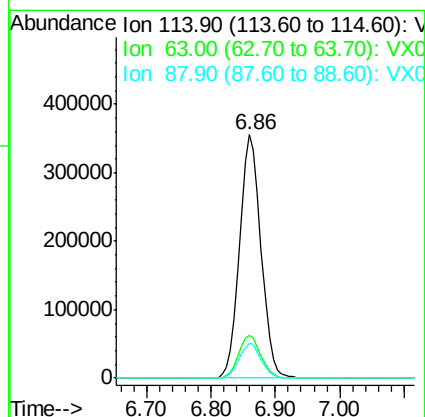
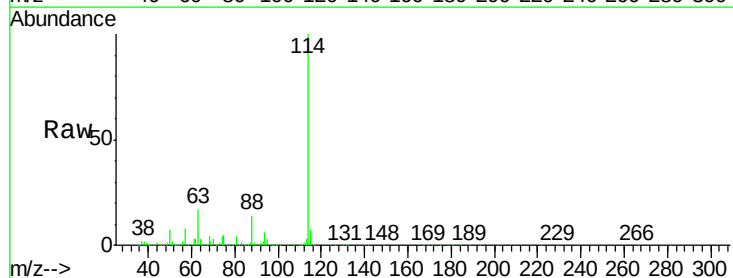
Instrument :
 MSVOA_X
 ClientSampleId :
 B-23-OW

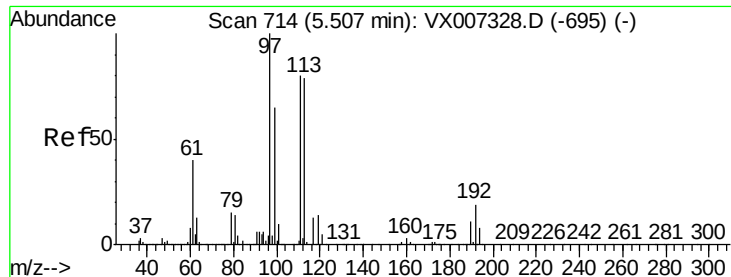
Tot Ion: 65 Resp: 280652
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007476.D
 Acq: 11 Feb 2019 18:52

Tgt Ion: 114 Resp: 821119
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 35.6
 88 14.3 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.757 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007476.D

Acq: 11 Feb 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

B-23-OW

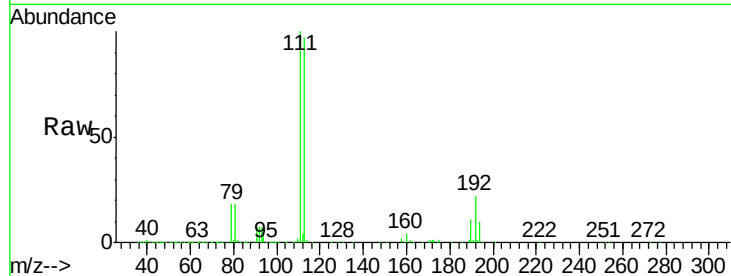
Tot Ion:113 Resp: 260494

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

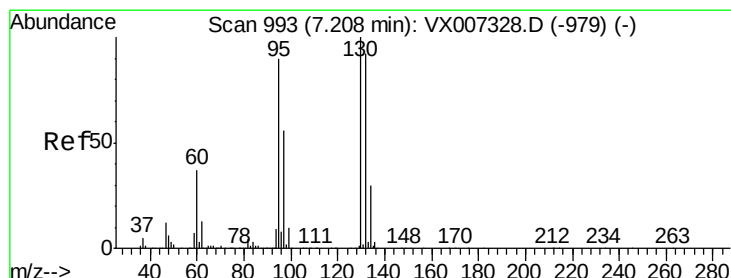
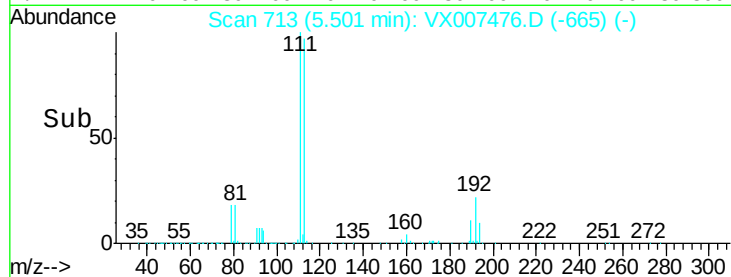
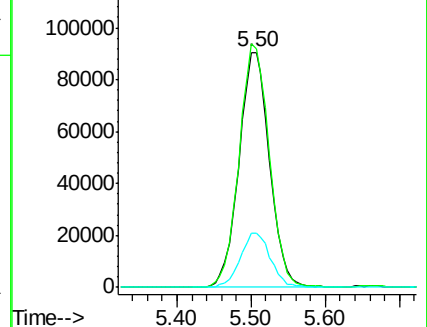
192 23.0 18.5 27.7



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: 0.378 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX007476.D

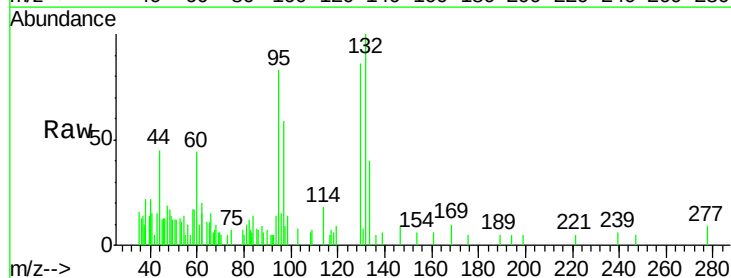
Acq: 11 Feb 2019 18:52

Tgt Ion:130 Resp: 2469

Ion Ratio Lower Upper

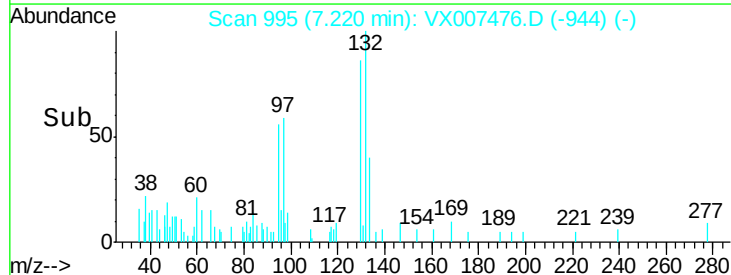
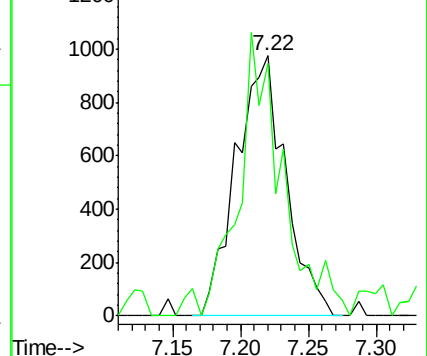
130 100

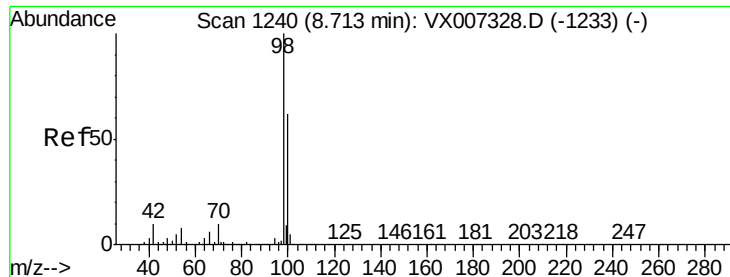
95 91.1 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.363 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007476.D

Acq: 11 Feb 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

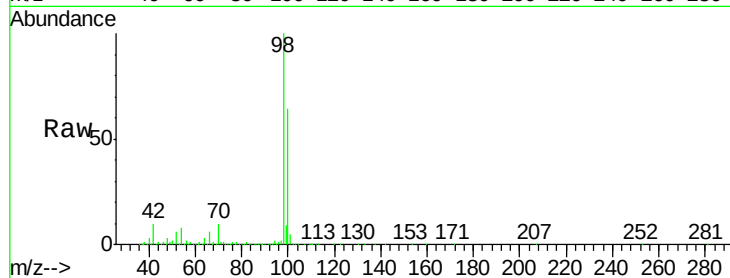
B-23-OW

Tot Ion: 98 Resp: 978505

Ion Ratio Lower Upper

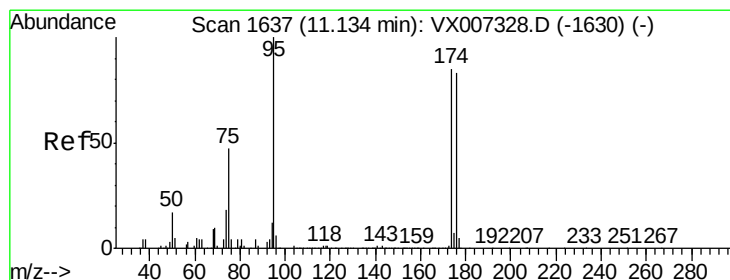
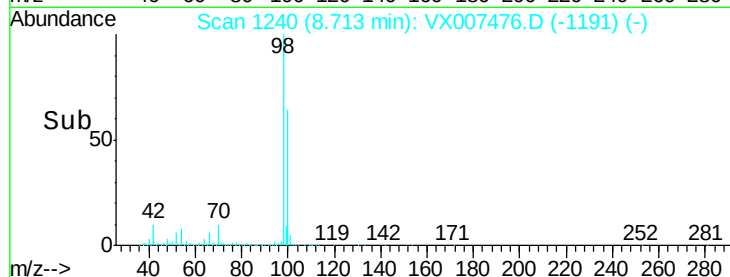
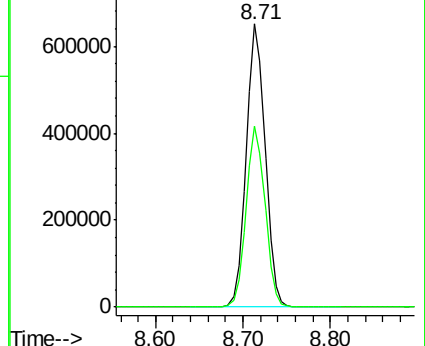
98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007476.D

Acq: 11 Feb 2019 18:52

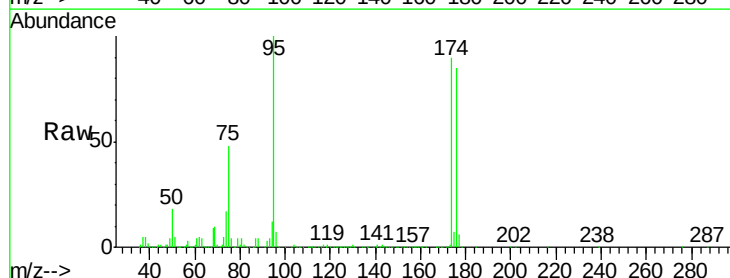
Tgt Ion: 95 Resp: 347177

Ion Ratio Lower Upper

95 100

174 93.9 0.0 189.2

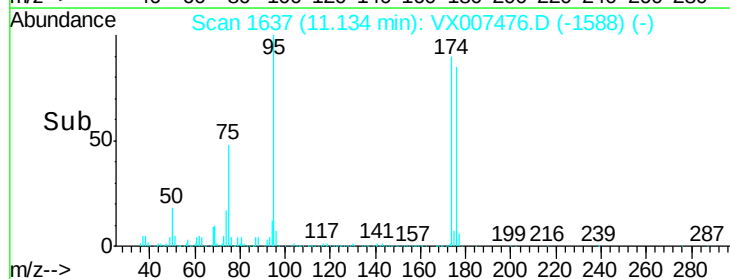
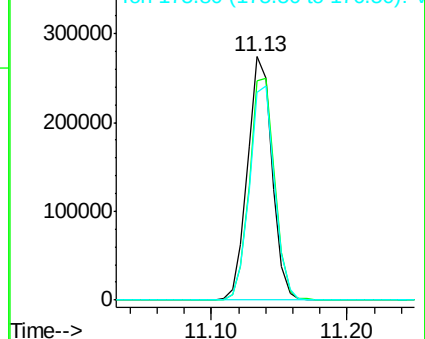
176 90.3 0.0 186.2

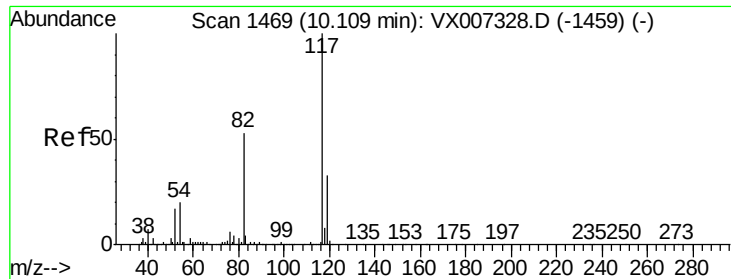


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007476.D

Acq: 11 Feb 2019 18:52

Instrument :

MSVOA_X

ClientSampleId :

B-23-OW

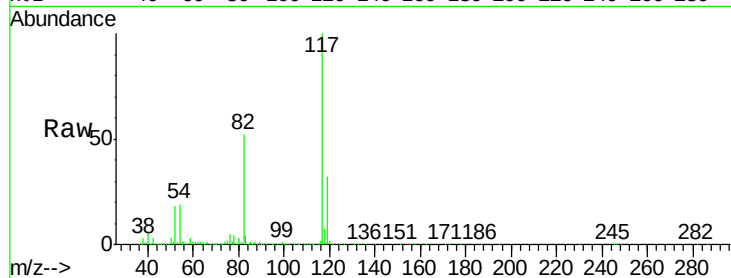
Tot Ion:117 Resp: 766908

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

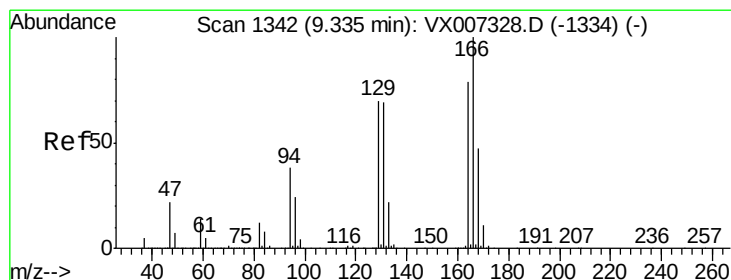
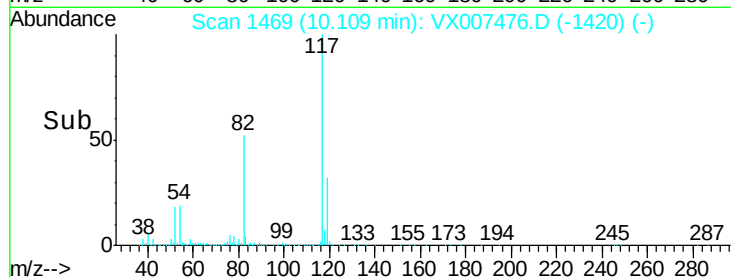
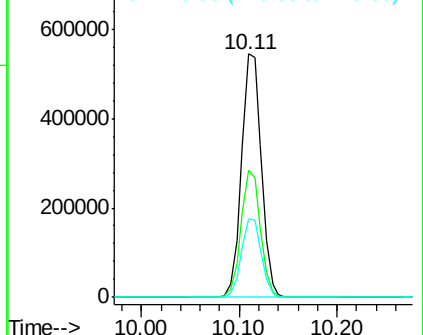
119 32.2 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 5.366 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007476.D

Acq: 11 Feb 2019 18:52

Tgt Ion:164 Resp: 38784

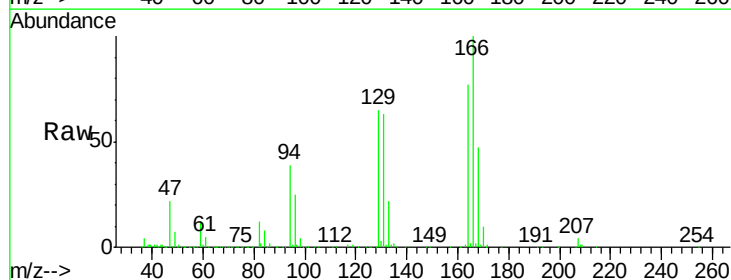
Ion Ratio Lower Upper

164 100

166 129.6 101.0 151.4

129 83.6 70.5 105.7

131 81.6 69.8 104.6

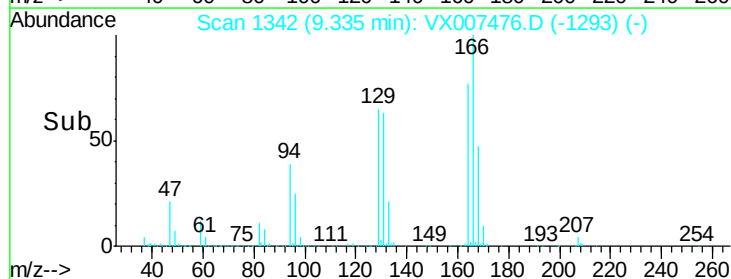
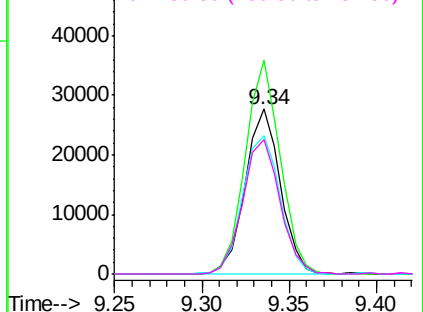


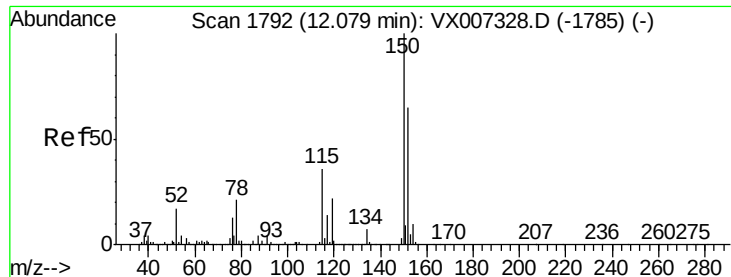
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007476.D

Acq: 11 Feb 2019 18:52

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MSVOA_X

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B-23-OW

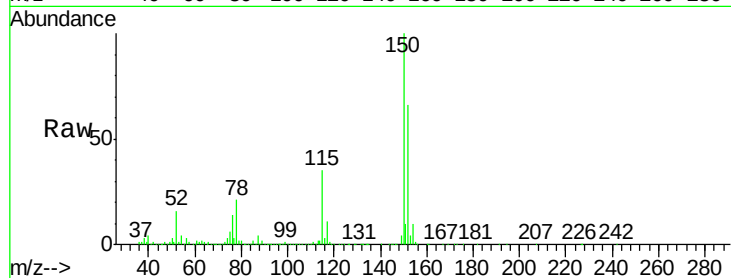
Tot Ion:152 Resp: 379518

Ion Ratio Lower Upper

152 100

115 55.4 38.0 114.0

150 155.7 0.0 346.4



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

