

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080719\
 Data File : VX011375.D
 Acq On : 07 Aug 2019 20:01
 Operator : JC/SP
 Sample : K4220-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23B_080719

Quant Time: Aug 08 13:07:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	152797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	251766	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240043	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111275	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	90068	58.53	ug/l	0.00
Spiked Amount			Recovery	=	117.06%	
35) Dibromofluoromethane	5.49	113	81908	49.83	ug/l	0.00
Spiked Amount			Recovery	=	99.66%	
50) Toluene-d8	8.71	98	305919	49.31	ug/l	0.00
Spiked Amount			Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	107022	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	

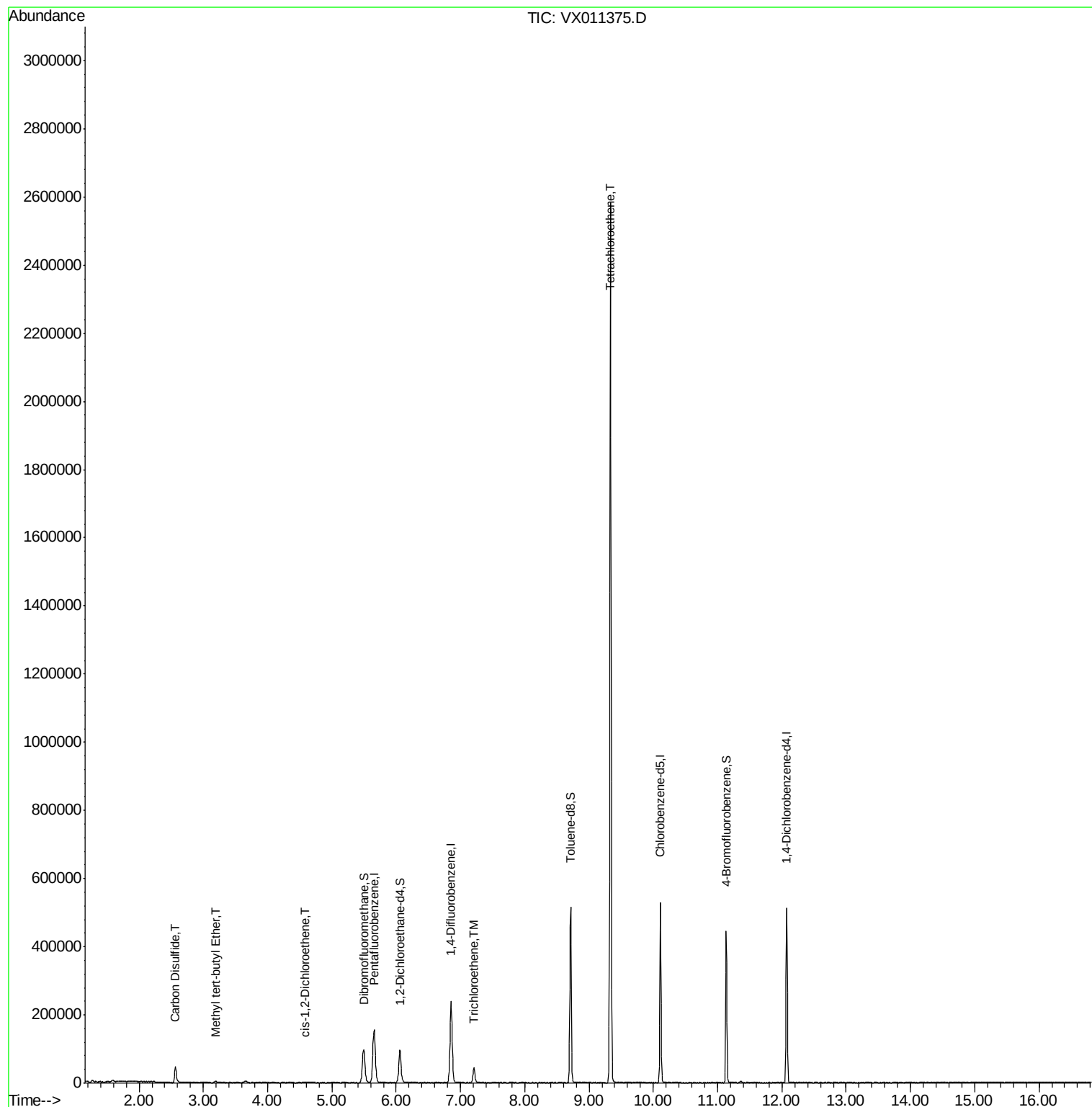
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
17) Carbon Disulfide	2.56	76	56449	17.303	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	4085	0.997	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	1009	0.596	ug/l	91
44) Trichloroethene	7.21	130	17159	8.642	ug/l	99
64) Tetrachloroethene	9.34	164	506502	248.463	ug/l	97

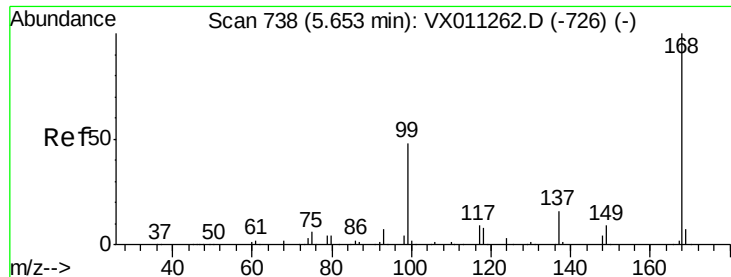
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011375.D

Acq: 07 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

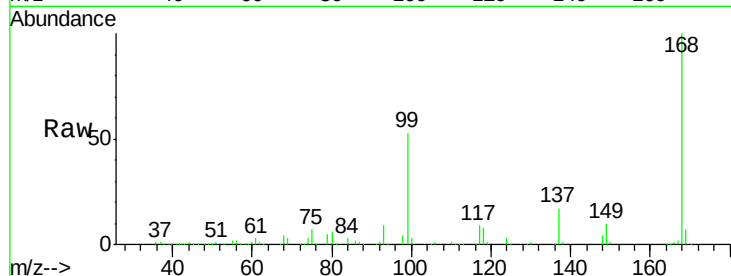
MW-23B_080719

Tot Ion:168 Resp: 152797

Ion Ratio Lower Upper

168 100

99 52.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

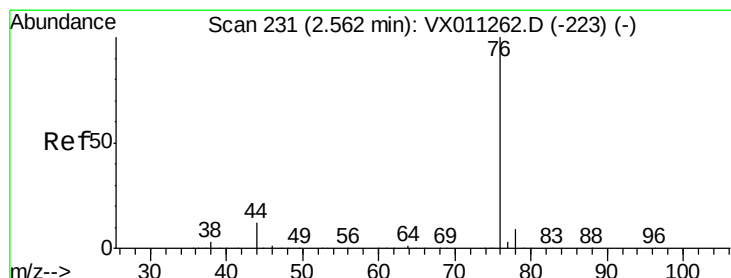
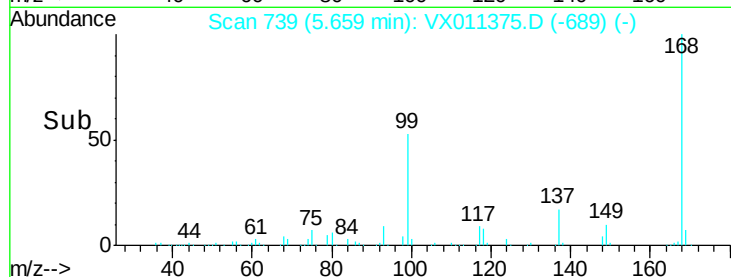
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#17

Carbon Disulfide

Concen: 17.303 ug/l

RT: 2.56 min Scan# 231

Delta R.T. 0.00 min

Lab File: VX011375.D

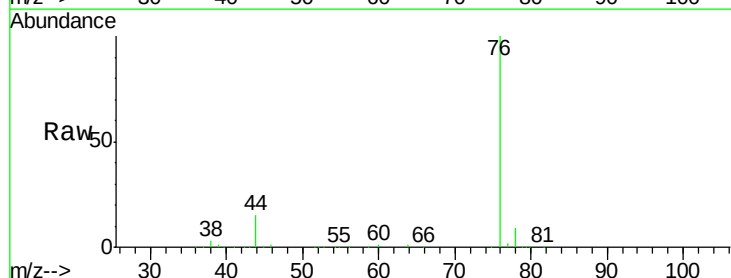
Acq: 07 Aug 2019 20:01

Tgt Ion: 76 Resp: 56449

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

40000

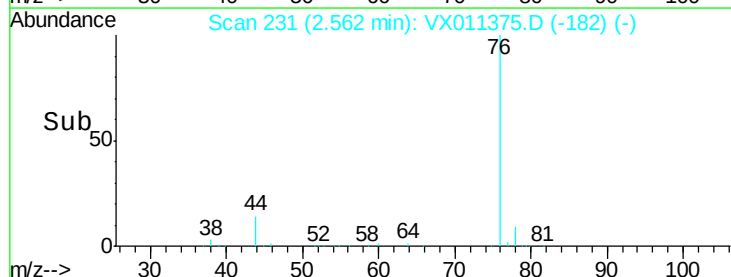
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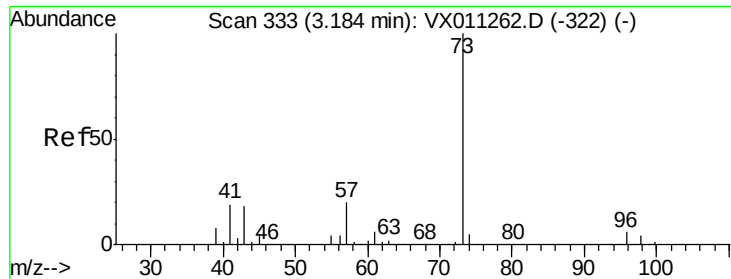
20000

10000

0

Time--> 2.50 2.55 2.60 2.65

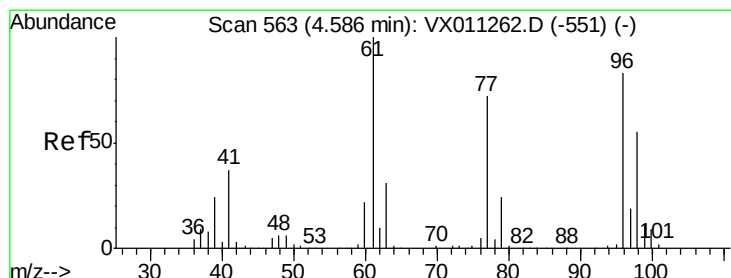
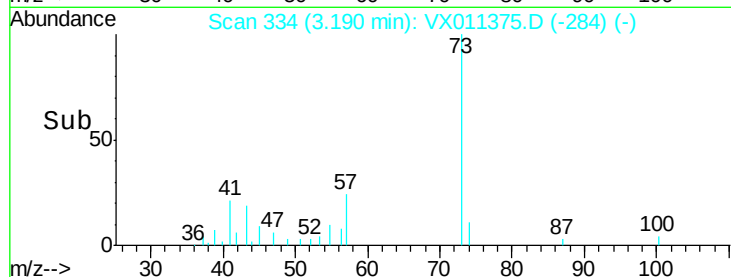
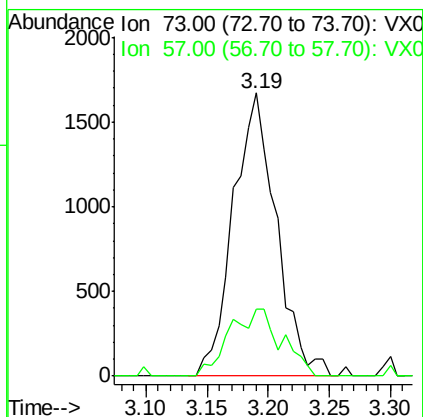
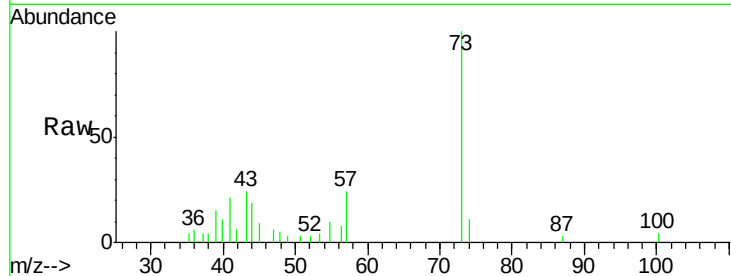




#19
Methyl tert-butyl Ether
Concen: 0.997 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011375.D
Acq: 07 Aug 2019 20:01

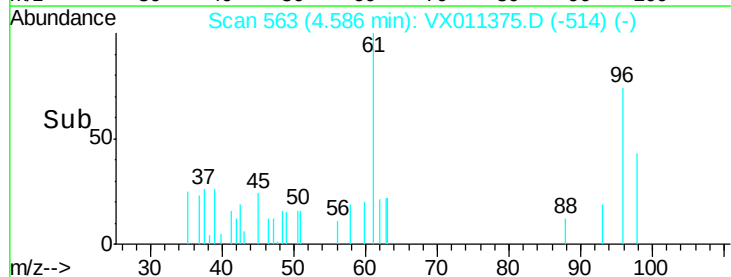
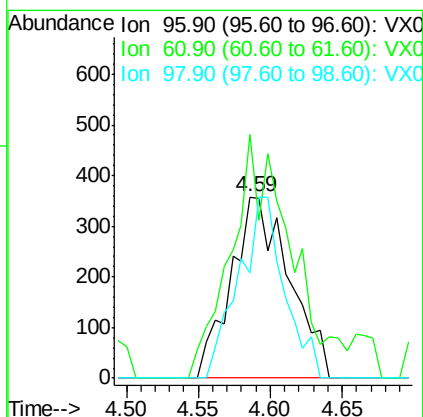
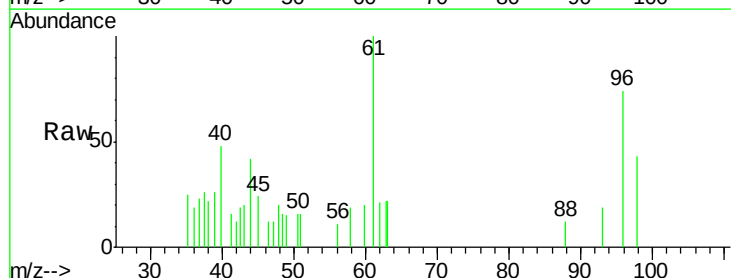
Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719

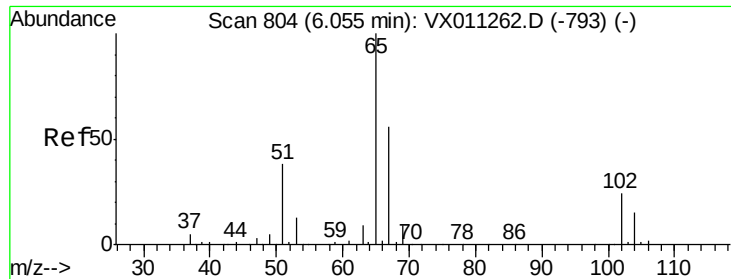
Tot Ion: 73 Resp: 4085
Ion Ratio Lower Upper
73 100
57 23.6 16.2 24.2



#27
cis-1,2-Dichloroethene
Concen: 0.596 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.00 min
Lab File: VX011375.D
Acq: 07 Aug 2019 20:01

Tgt Ion: 96 Resp: 1009
Ion Ratio Lower Upper
96 100
61 138.3 0.0 260.2
98 77.8 0.0 133.2

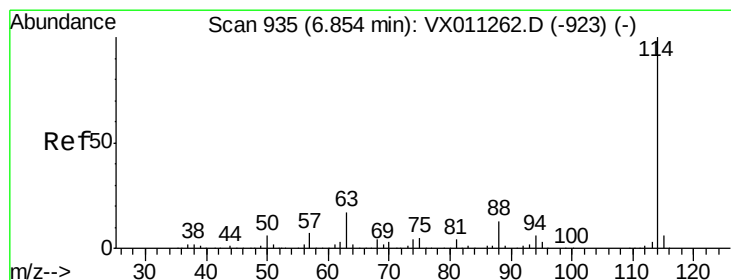
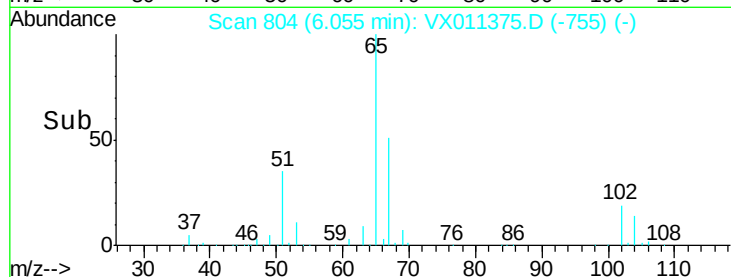
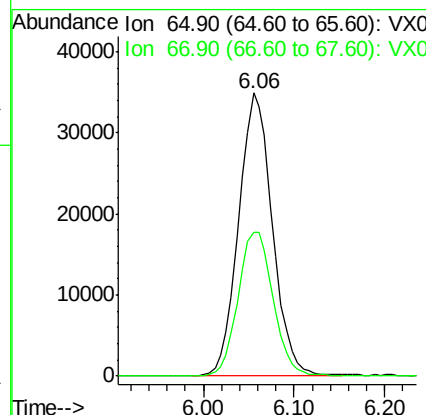
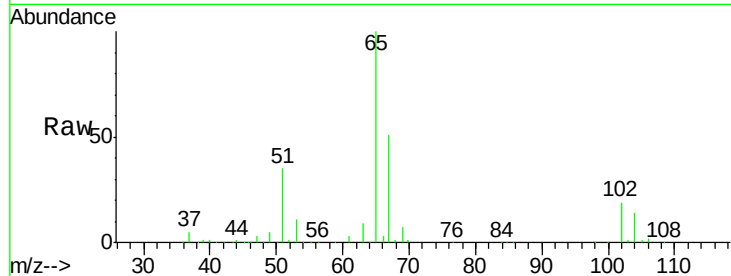




#33
 1,2-Dichloroethane-d4
 Concen: 58.533 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011375.D
 Acq: 07 Aug 2019 20:01

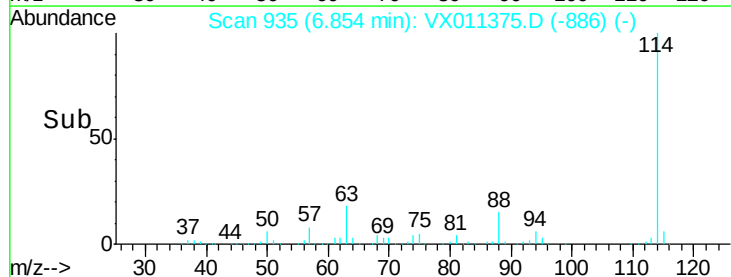
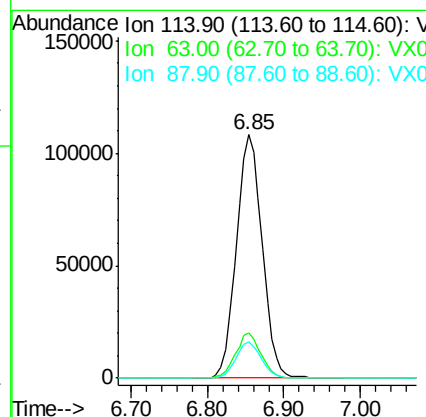
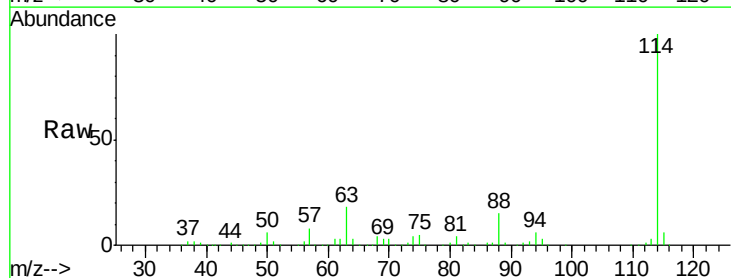
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23B_080719

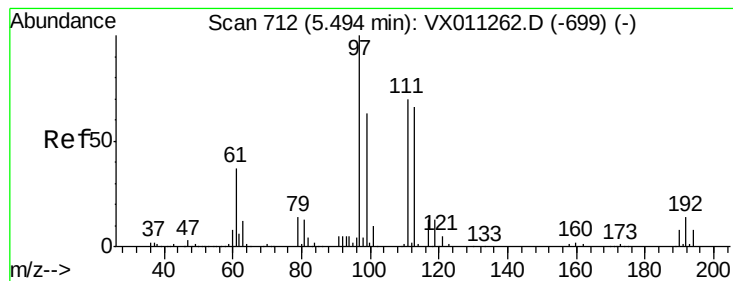
Tot Ion: 65 Resp: 90068
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011375.D
 Acq: 07 Aug 2019 20:01

Tgt Ion: 114 Resp: 251766
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 14.9 0.0 26.4





#35

Dibromofluoromethane

Concen: 49.831 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011375.D

Acq: 07 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

MW-23B_080719

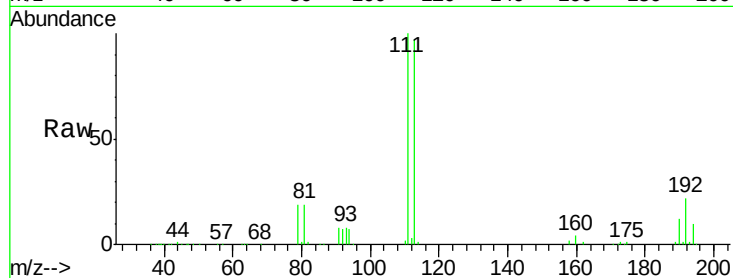
Tot Ion:113 Resp: 81908

Ion Ratio Lower Upper

113 100

111 102.0 81.9 122.9

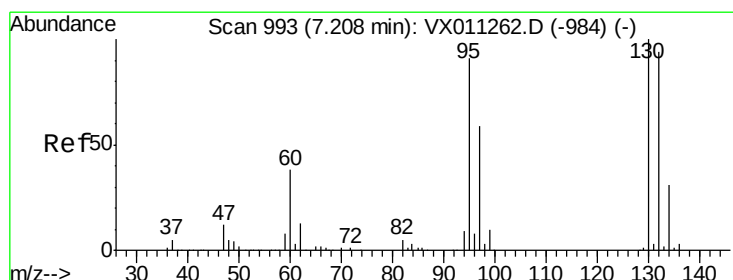
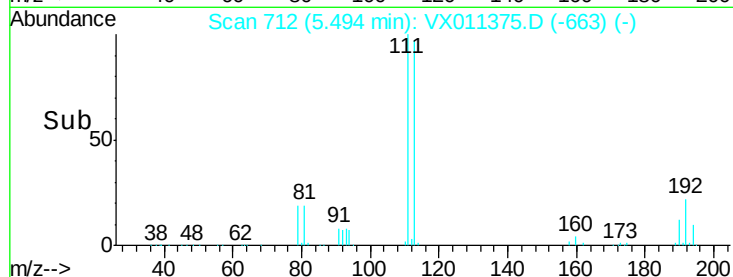
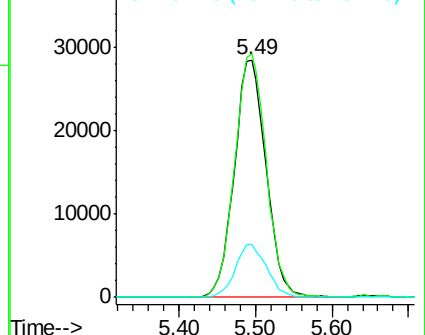
192 22.0 17.8 26.8



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: 8.642 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011375.D

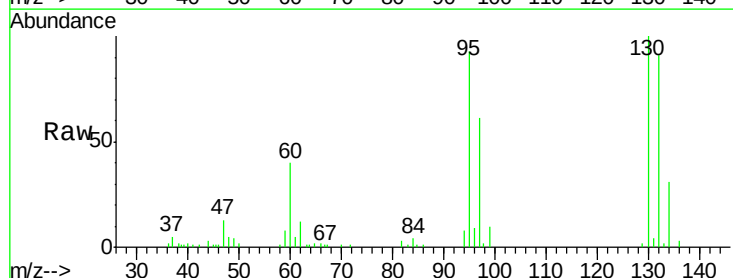
Acq: 07 Aug 2019 20:01

Tgt Ion:130 Resp: 17159

Ion Ratio Lower Upper

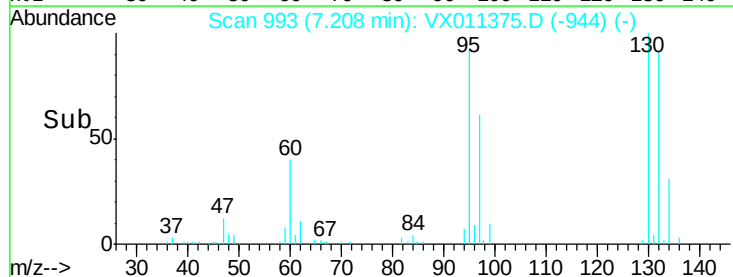
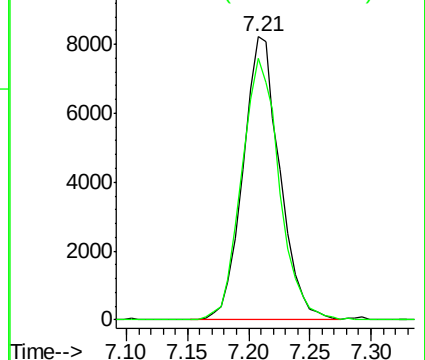
130 100

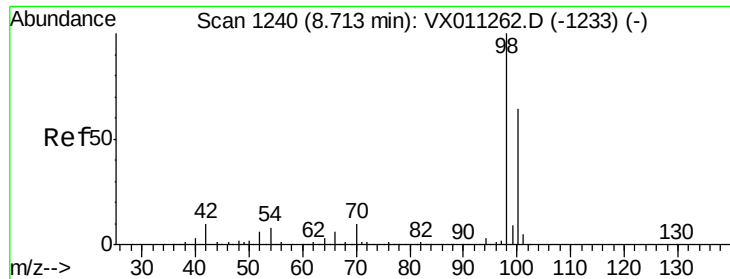
95 92.6 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.305 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011375.D

Acq: 07 Aug 2019 20:01

Instrument :

MSVOA_X

ClientSampleId :

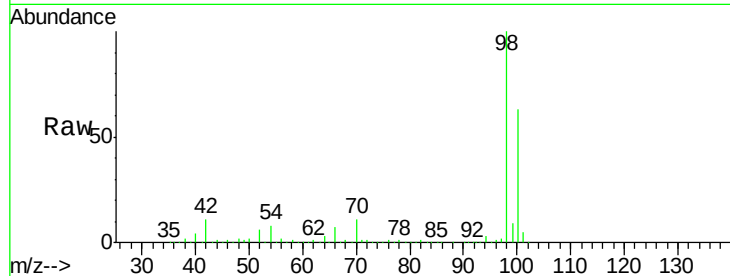
MW-23B_080719

Tot Ion: 98 Resp: 305919

Ion Ratio Lower Upper

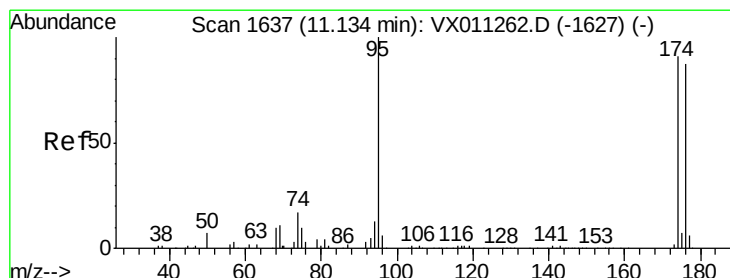
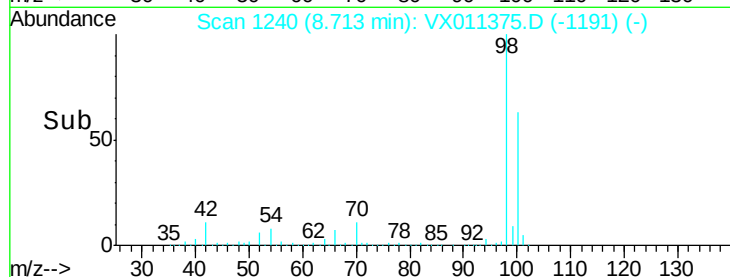
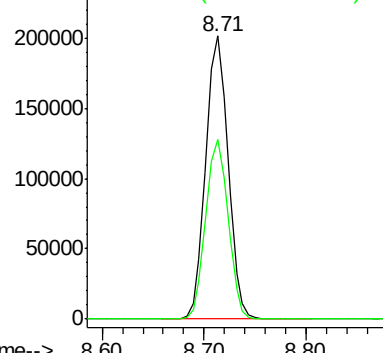
98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.313 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011375.D

Acq: 07 Aug 2019 20:01

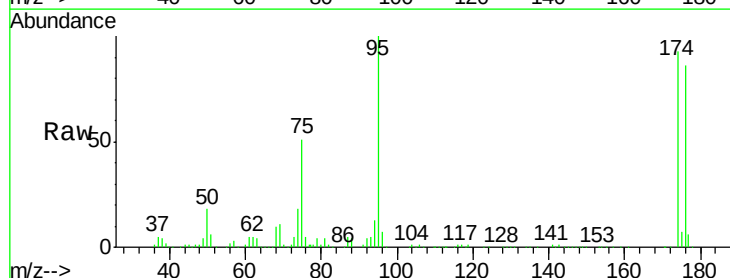
Tgt Ion: 95 Resp: 107022

Ion Ratio Lower Upper

95 100

174 92.9 0.0 191.2

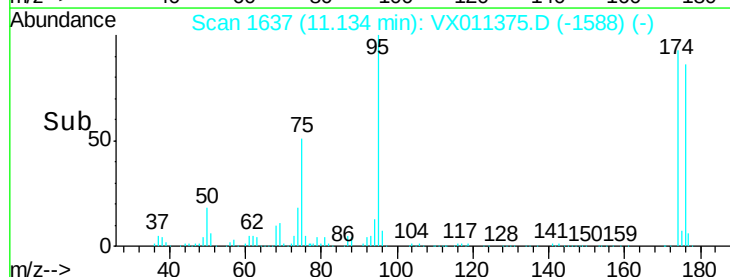
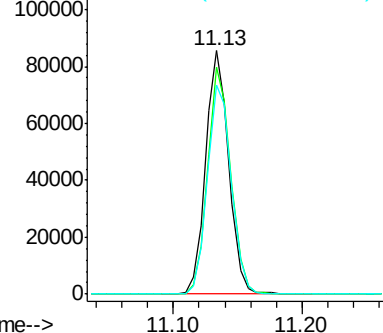
176 88.7 0.0 184.8

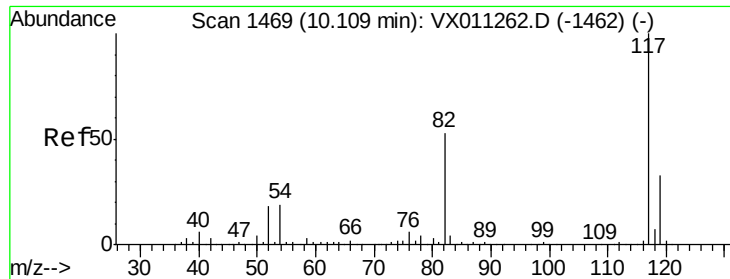


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

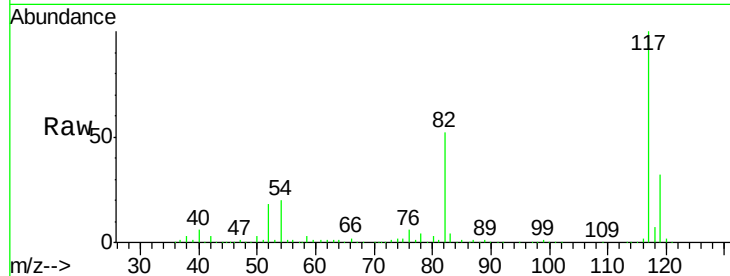




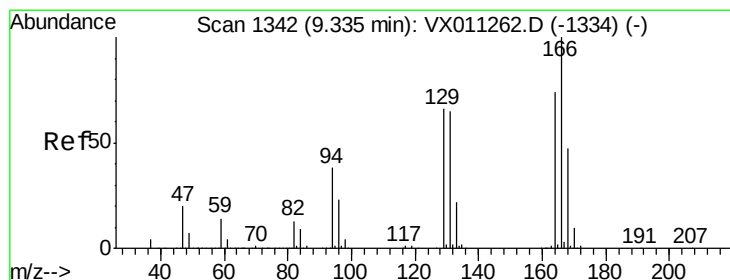
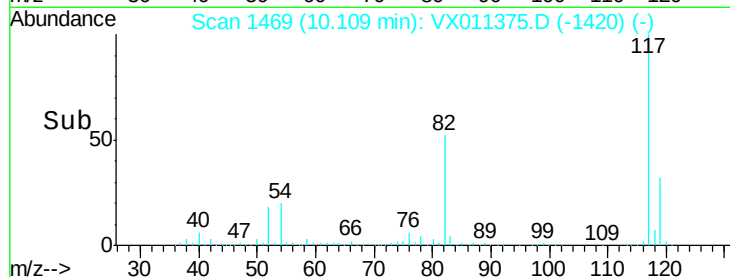
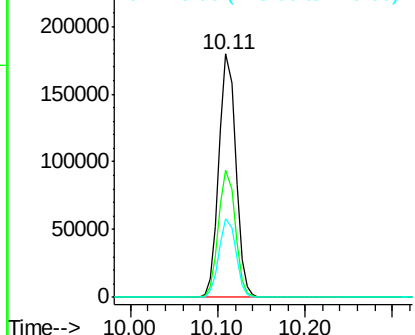
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011375.D
Acq: 07 Aug 2019 20:01

Instrument :
MSVOA_X
ClientSampleId :
MW-23B_080719

Tot Ion:117 Resp: 240043
Ion Ratio Lower Upper
117 100
82 52.3 42.2 63.2
119 32.3 26.6 39.8

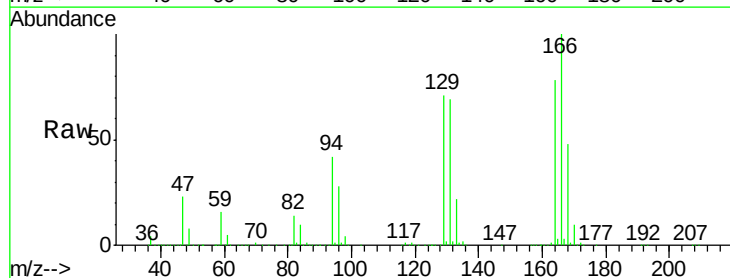


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

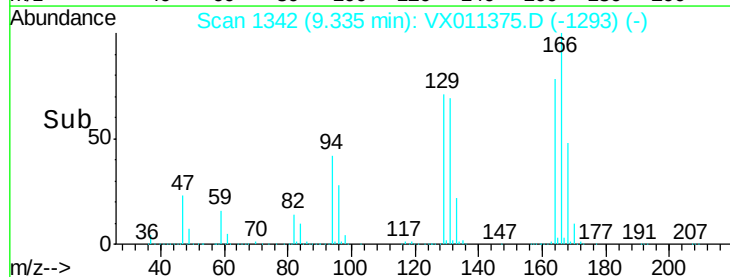
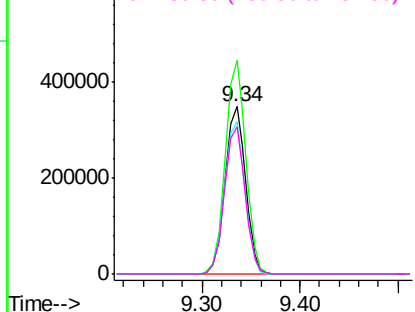


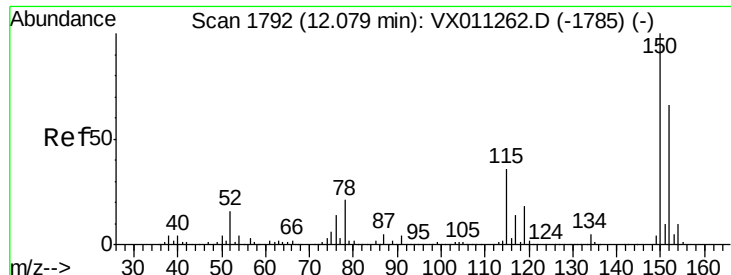
#64
Tetrachloroethene
Concen: 248.463 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011375.D
Acq: 07 Aug 2019 20:01

Tgt Ion:164 Resp: 506502
Ion Ratio Lower Upper
164 100
166 127.5 107.5 161.3
129 90.6 71.0 106.4
131 88.0 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

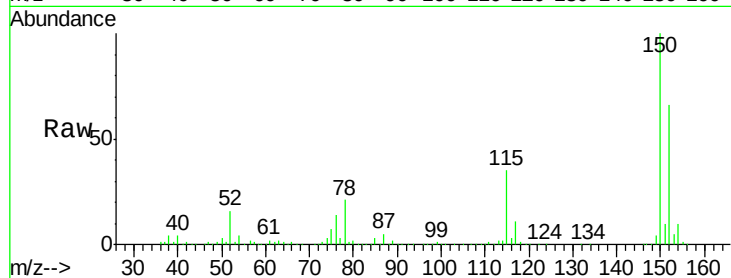




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011375.D
 Acq: 07 Aug 2019 20:01

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23B_080719

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.0	119.9
150	156.1	0.0	350.4



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

