

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122619\
 Data File : VX014273.D
 Acq On : 26 Dec 2019 16:44
 Operator : JC/SP
 Sample : K6405-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)

Quant Time: Dec 27 07:08:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

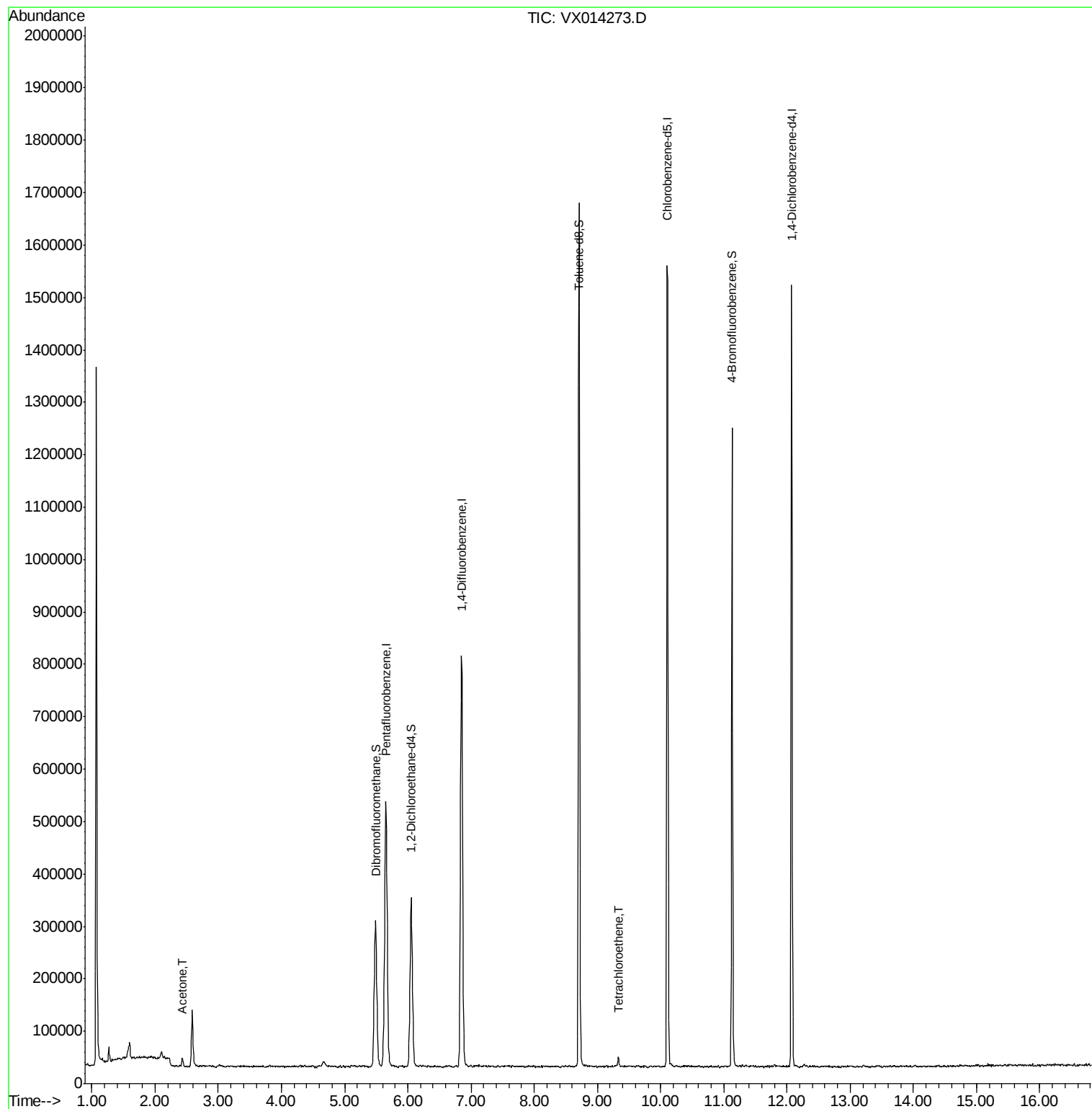
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	524511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	812062	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	727039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	312996	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	296363	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
35) Dibromofluoromethane	5.49	113	241412	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	8.71	98	963670	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.13	95	323949	46.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.22%	
Target Compounds						
16) Acetone	2.44	43	15403	3.991	ug/l	95
64) Tetrachloroethene	9.33	164	3519	0.547	ug/l	86

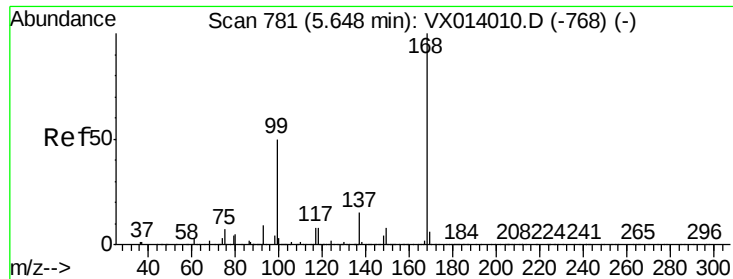
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014273.D

Acq: 26 Dec 2019 16:44

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MSVOA_X

ClientSampleId :

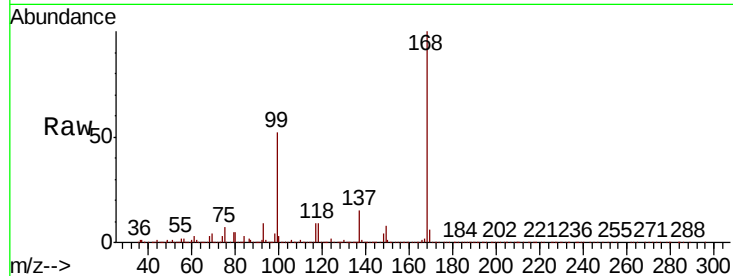
996-MW-15-(17)

Tot Ion:168 Resp: 524511

Ion Ratio Lower Upper

168 100

99 51.6 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

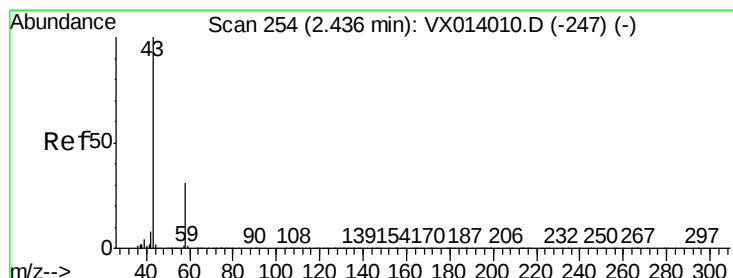
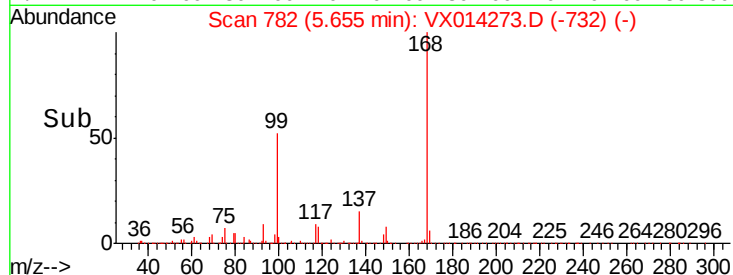
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.991 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014273.D

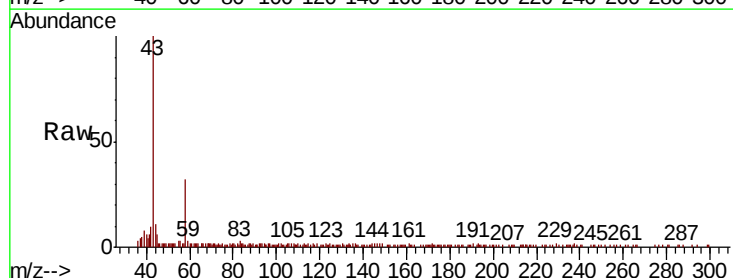
Acq: 26 Dec 2019 16:44

Tgt Ion: 43 Resp: 15403

Ion Ratio Lower Upper

43 100

58 28.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

10000

8000

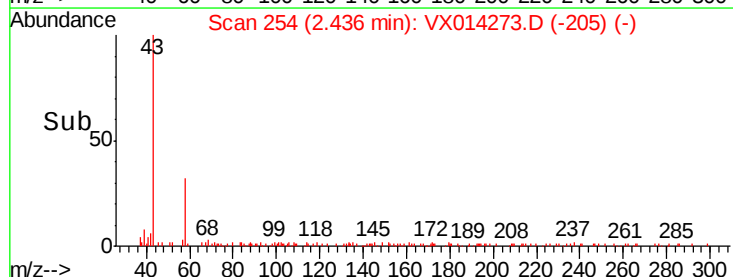
6000

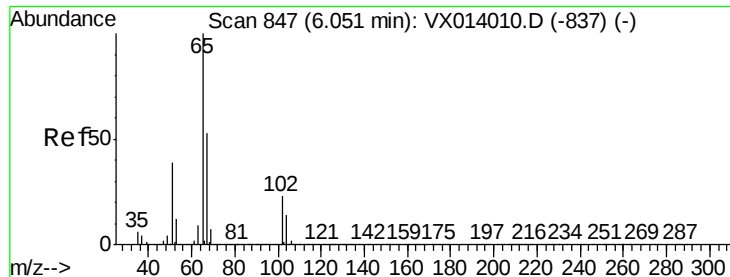
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.854 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014273.D

Acq: 26 Dec 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

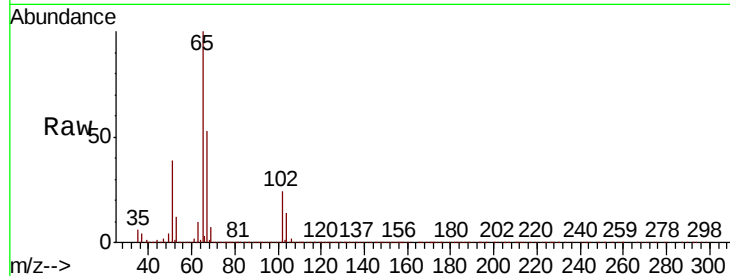
996-MW-15-(17)

Tot Ion: 65 Resp: 296363

Ion Ratio Lower Upper

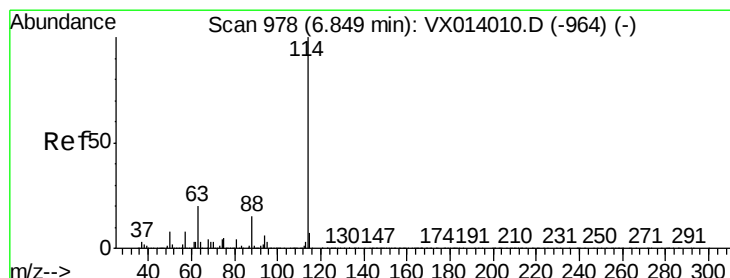
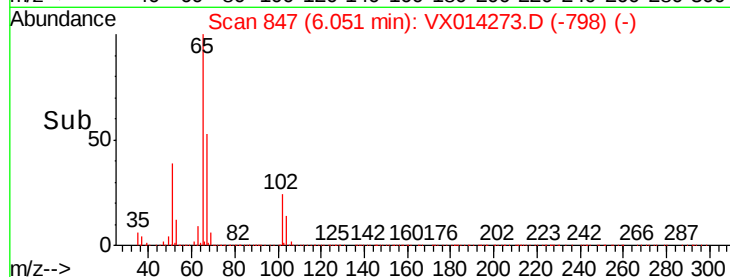
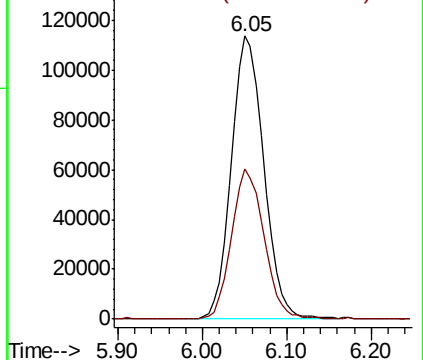
65 100

67 52.0 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014273.D

Acq: 26 Dec 2019 16:44

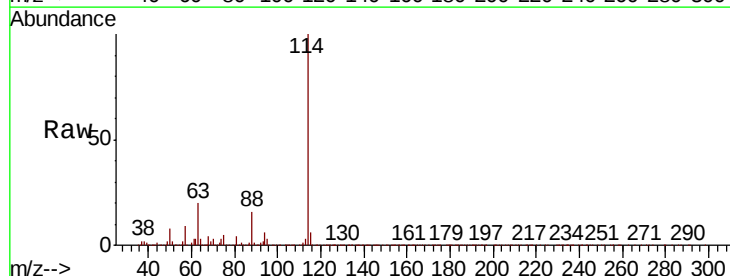
Tgt Ion: 114 Resp: 812062

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

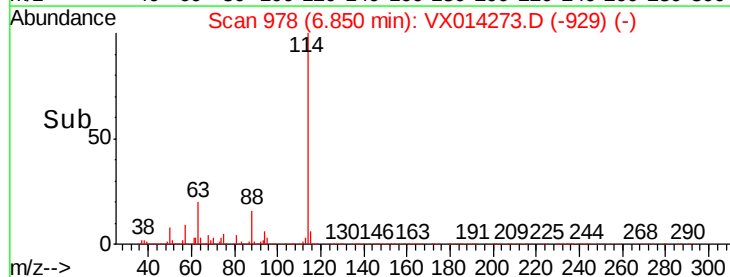
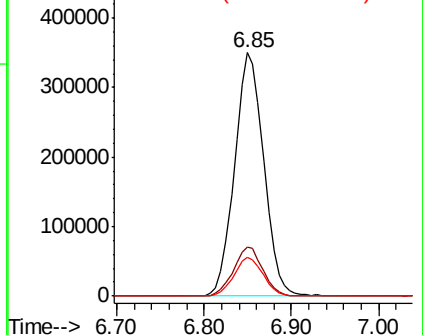
88 16.0 0.0 30.4



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

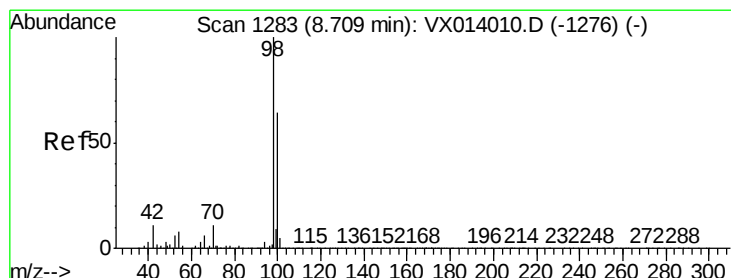
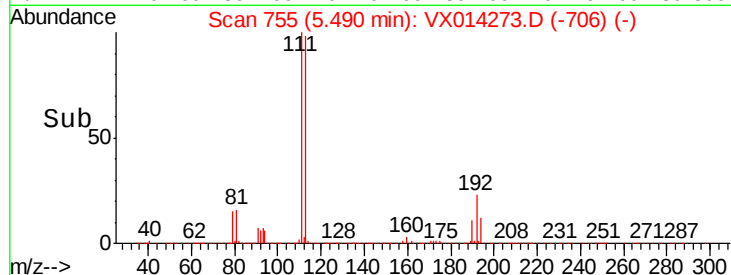
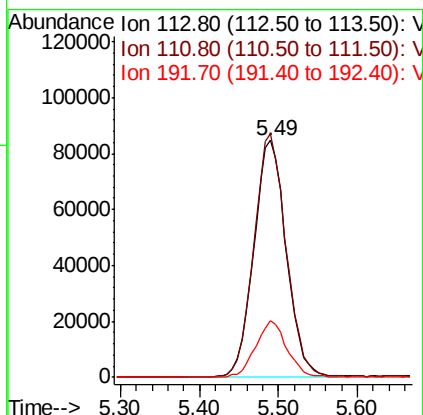
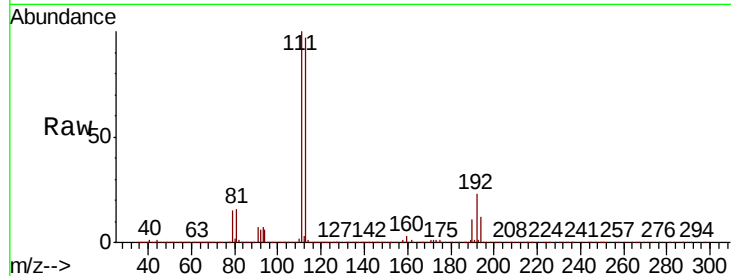




#35
 Dibromofluoromethane
 Concen: 48.904 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014273.D
 Acq: 26 Dec 2019 16:44

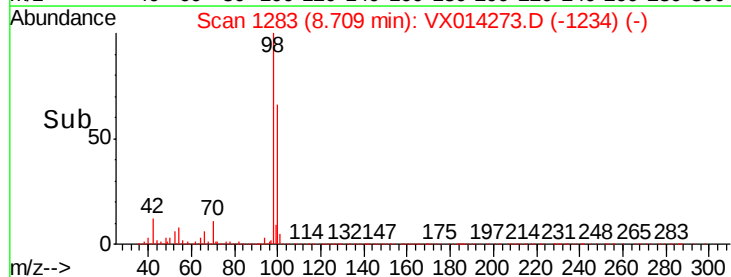
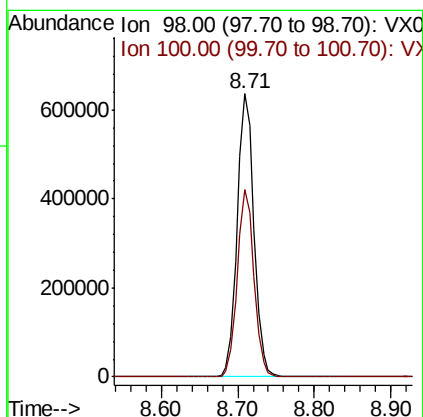
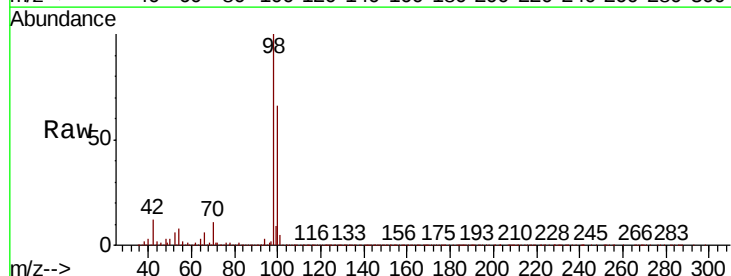
Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)

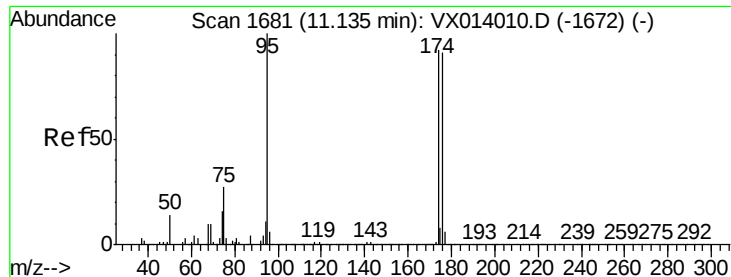
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	23.3	19.3	28.9



#50
 Toluene-d8
 Concen: 50.142 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014273.D
 Acq: 26 Dec 2019 16:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 46.112 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014273.D

Acq: 26 Dec 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)

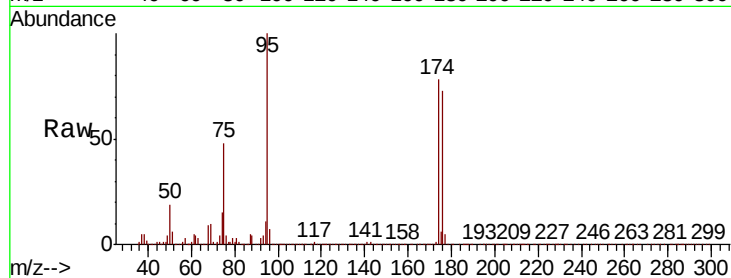
Tot Ion: 95 Resp: 323949

Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.8

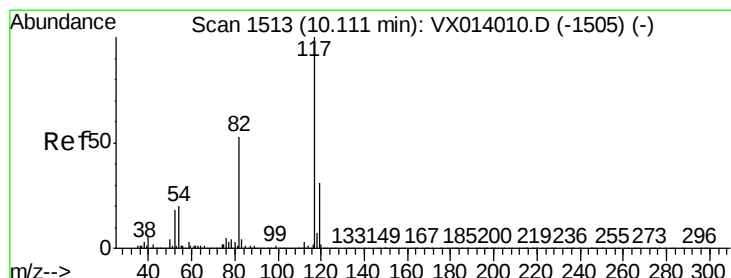
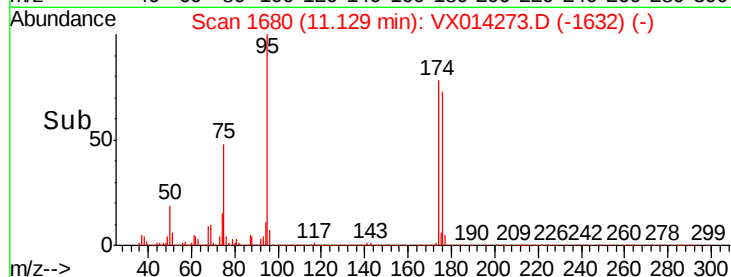
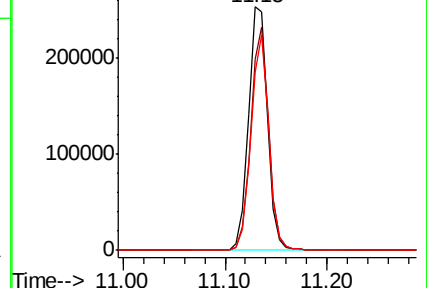
176 83.3 0.0 173.0



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# 1513

Delta R.T. 0.00 min

Lab File: VX014273.D

Acq: 26 Dec 2019 16:44

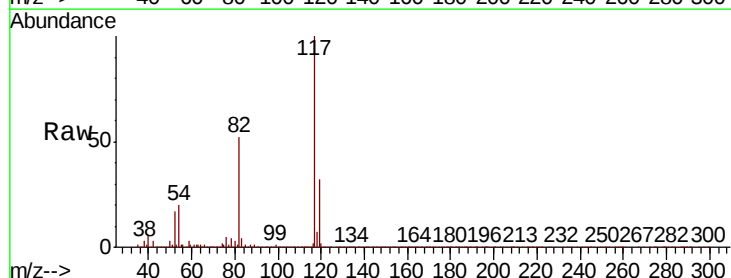
Tgt Ion: 117 Resp: 727039

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.4

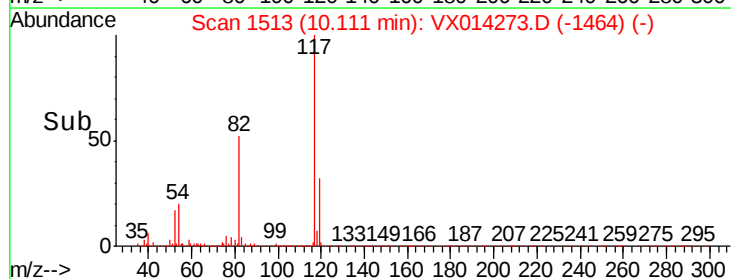
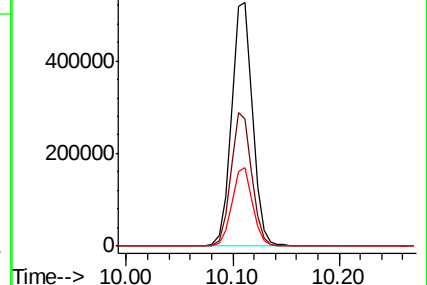
119 32.3 25.1 37.7

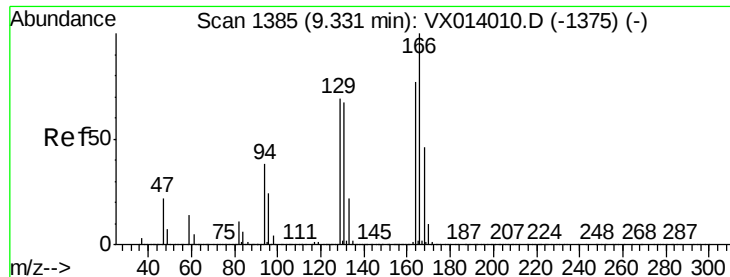


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.547 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014273.D

Acq: 26 Dec 2019 16:44

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)

Tot Ion:164 Resp: 3519

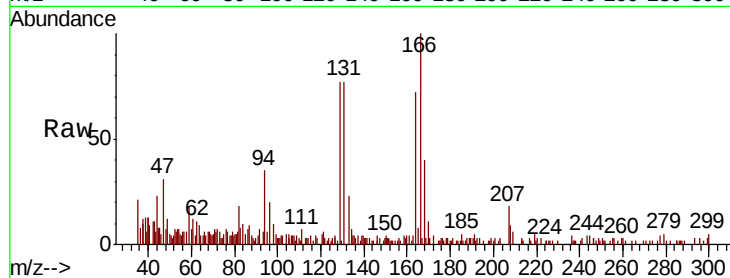
Ion Ratio Lower Upper

164 100

166 142.5 104.0 156.0

129 104.3 72.2 108.4

131 103.2 69.6 104.4

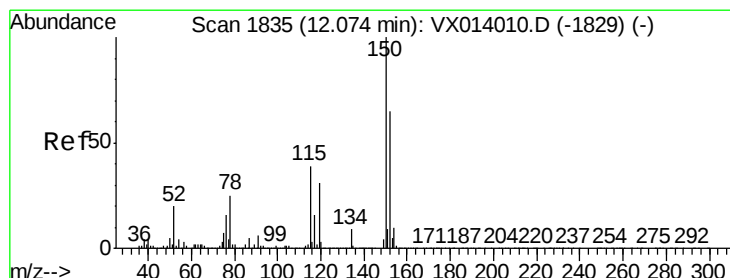
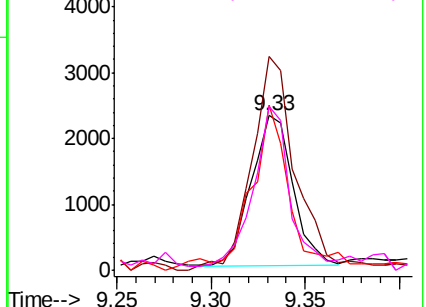
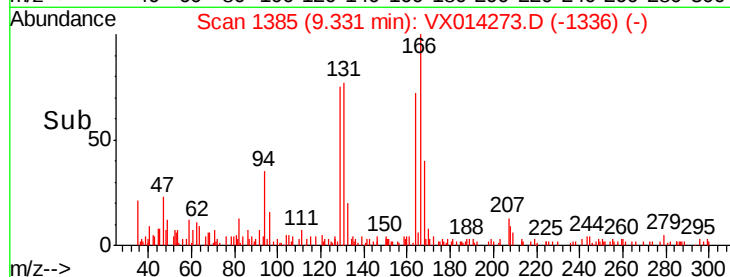


Abundance Ion 163.80 (163.50 to 164.50): V

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014273.D

Acq: 26 Dec 2019 16:44

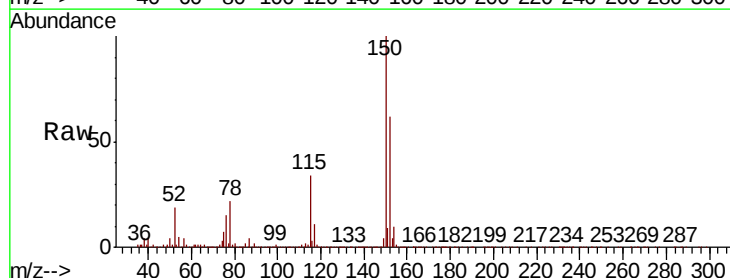
Tgt Ion:152 Resp: 312996

Ion Ratio Lower Upper

152 100

115 55.0 38.3 114.9

150 157.1 0.0 345.4



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

