

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014252.D
 Acq On : 24 Dec 2019 17:58
 Operator : JC/SP
 Sample : K6405-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 25 07:50:40 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

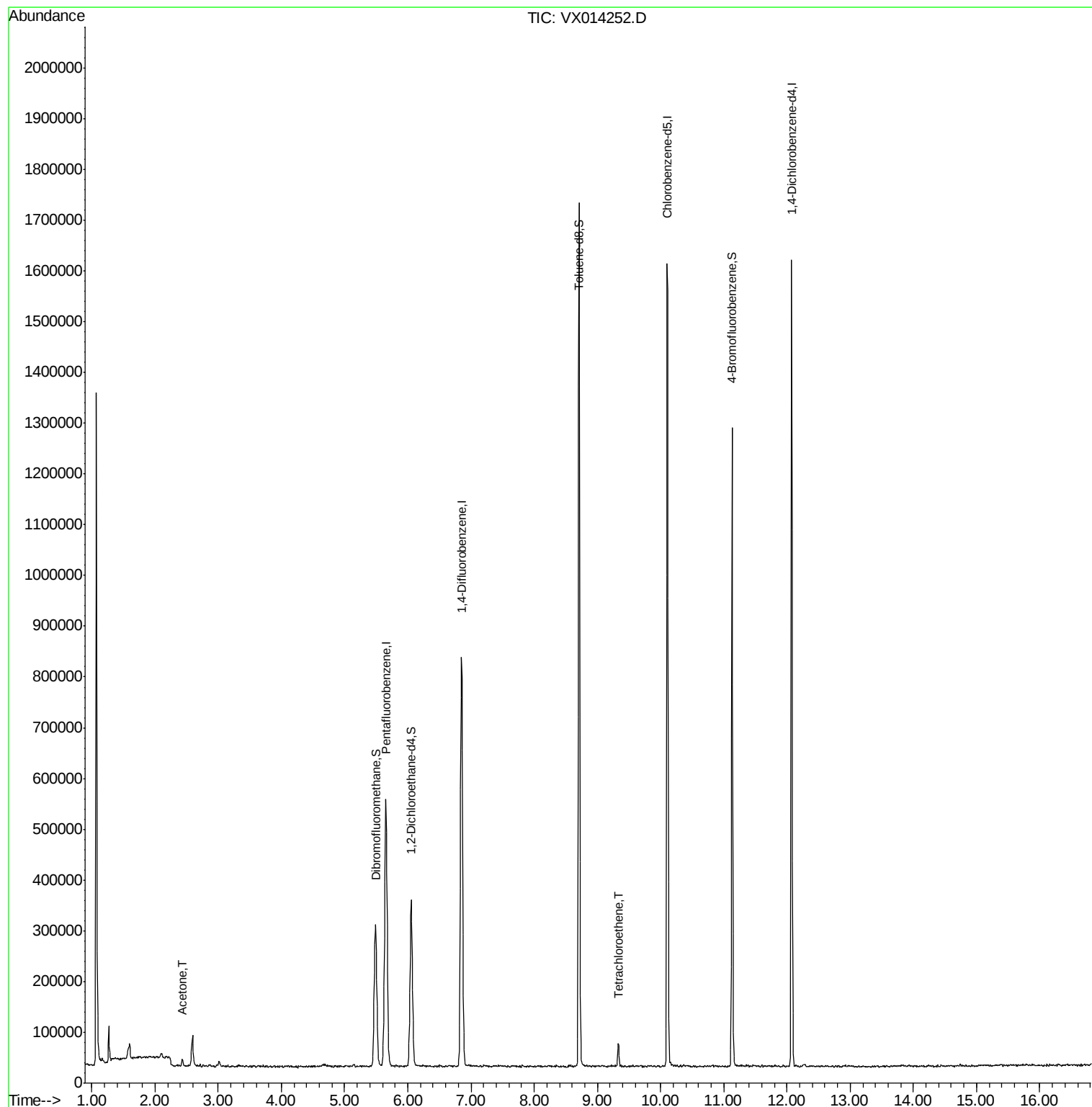
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	543373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	838416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	752977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	331046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	301297	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
35) Dibromofluoromethane	5.49	113	248470	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
50) Toluene-d8	8.71	98	995153	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.13	95	336284	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
Target Compounds						
16) Acetone	2.43	43	16009	4.004	ug/l	95
64) Tetrachloroethene	9.34	164	10358	1.555	ug/l	90

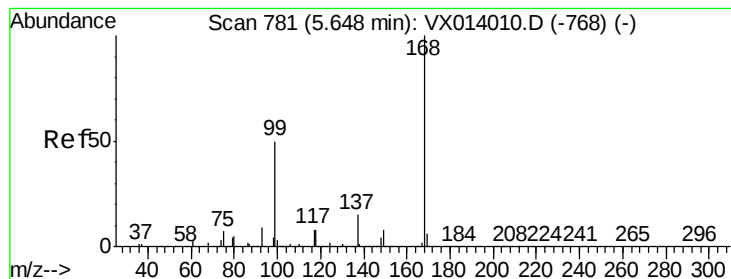
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014252.D

Acq: 24 Dec 2019 17:58

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MSVOA_X

ClientSampleId :

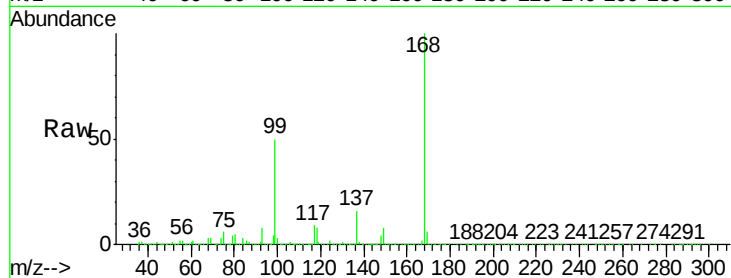
996-MW-15-(17)

Tot Ion:168 Resp: 543373

Ion Ratio Lower Upper

168 100

99 50.3 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

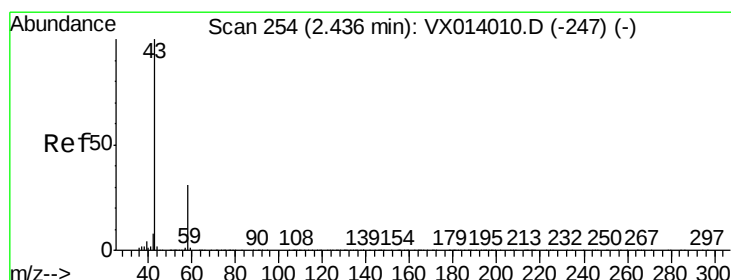
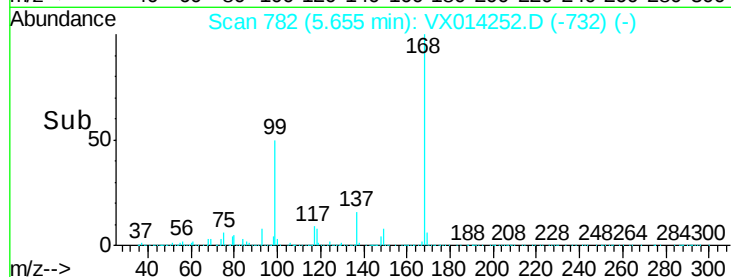
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.004 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014252.D

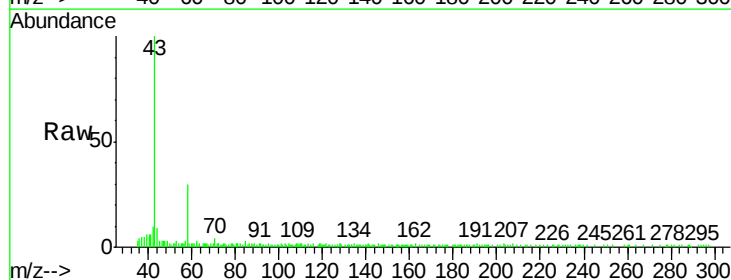
Acq: 24 Dec 2019 17:58

Tgt Ion: 43 Resp: 16009

Ion Ratio Lower Upper

43 100

58 28.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

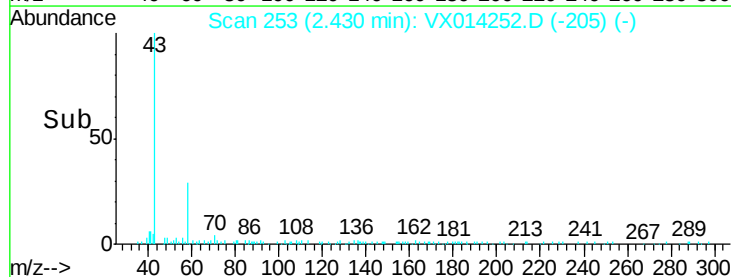
6000

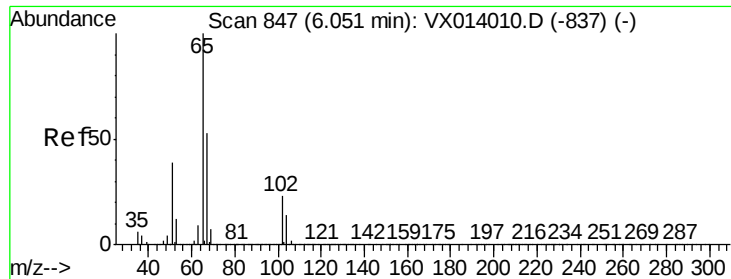
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 48.925 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014252.D

Acq: 24 Dec 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

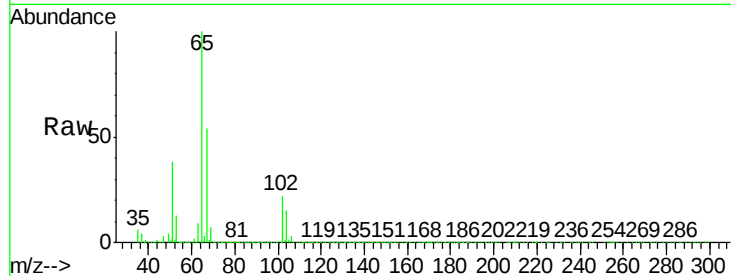
996-MW-15-(17)

Tot Ion: 65 Resp: 301297

Ion Ratio Lower Upper

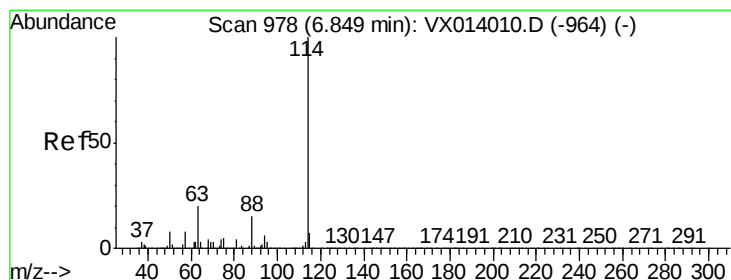
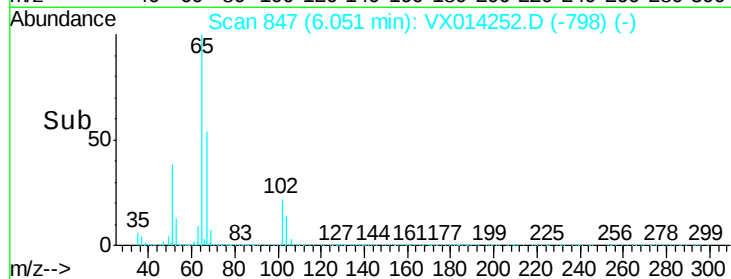
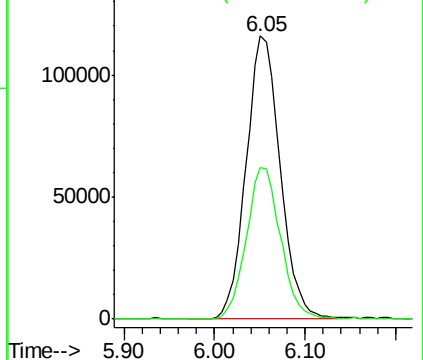
65 100

67 53.4 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: VX014252.D

Acq: 24 Dec 2019 17:58

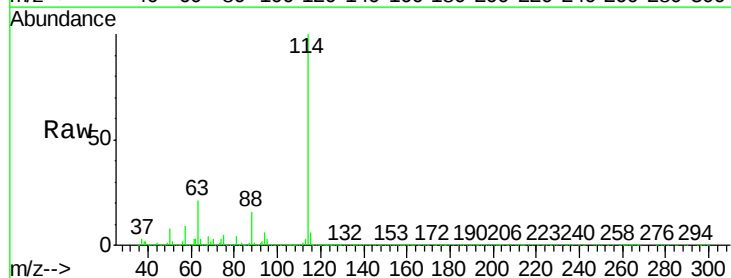
Tgt Ion: 114 Resp: 838416

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

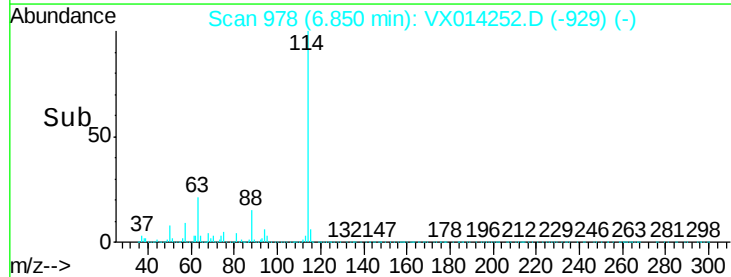
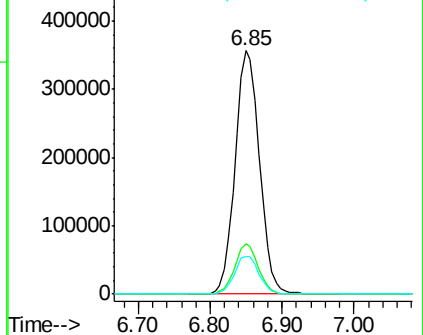
88 15.5 0.0 30.4

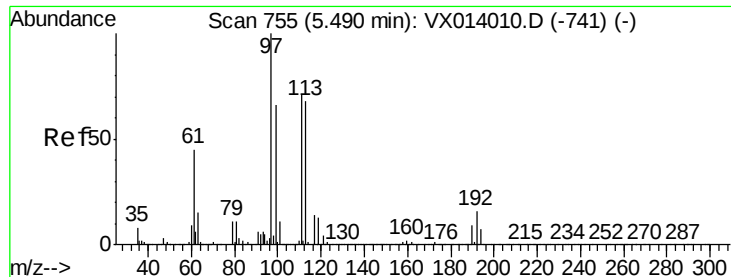


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

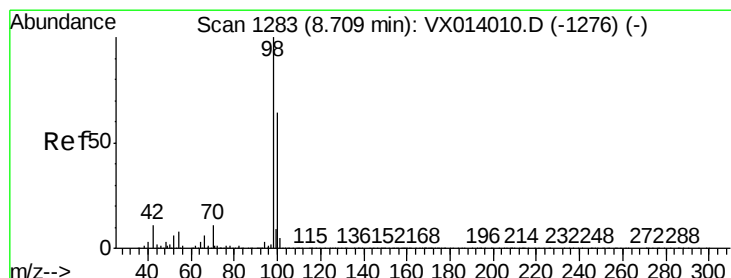
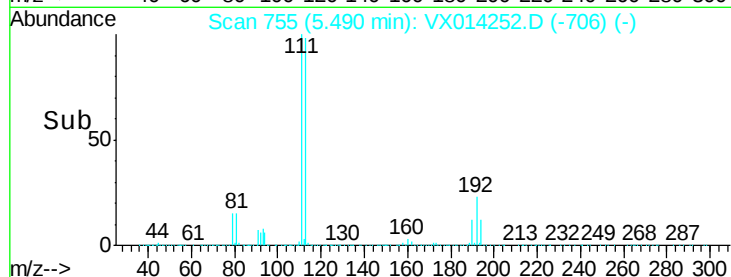
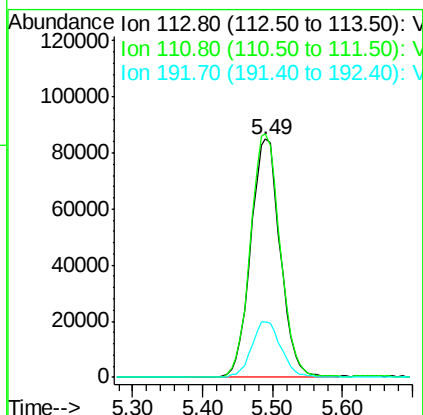
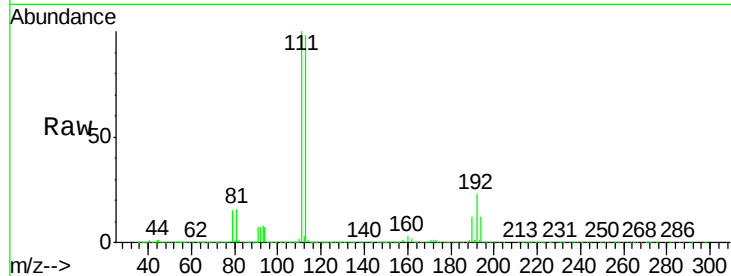




#35
 Dibromofluoromethane
 Concen: 48.752 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014252.D
 Acq: 24 Dec 2019 17:58

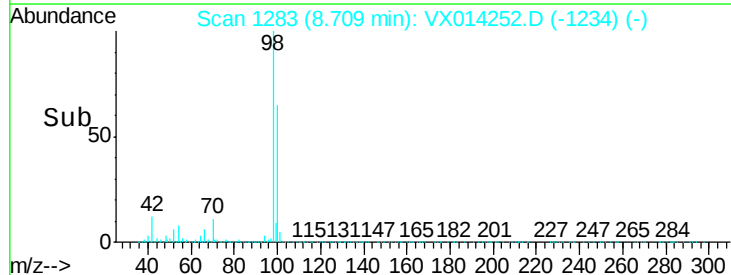
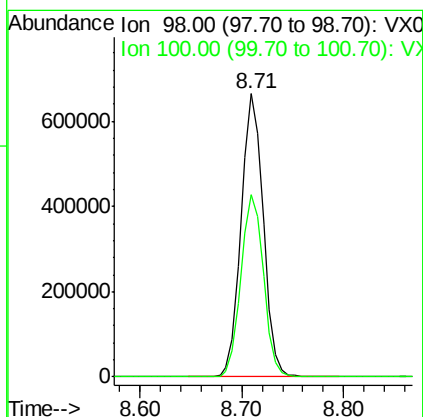
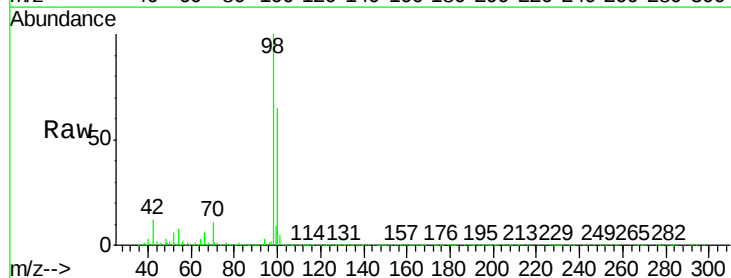
Instrument :
 MSVOA_X
 ClientSampleId :
 996-MW-15-(17)

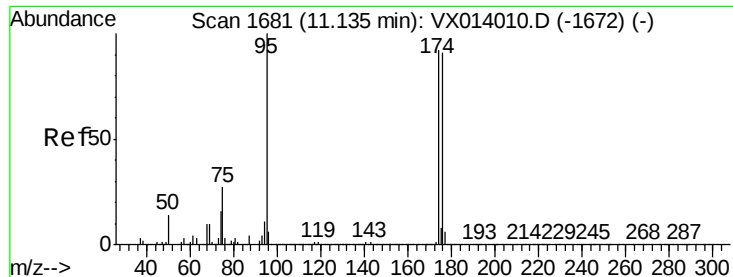
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	23.0	19.3	28.9



#50
 Toluene-d8
 Concen: 50.153 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX014252.D
 Acq: 24 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 46.363 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014252.D

Acq: 24 Dec 2019 17:58

Instrument :

MSVOA_X

ClientSampleId :

996-MW-15-(17)

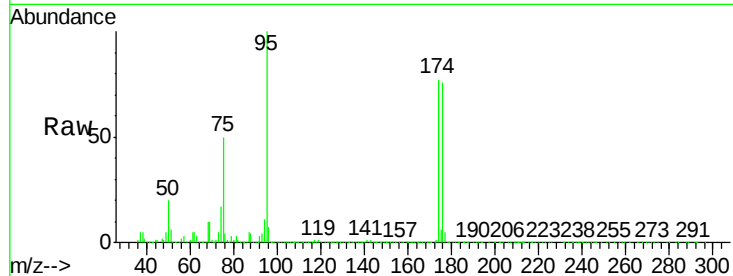
Tot Ion: 95 Resp: 336284

Ion Ratio Lower Upper

95 100

174 86.5 0.0 175.8

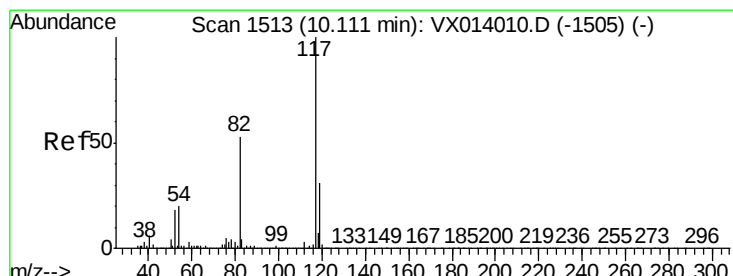
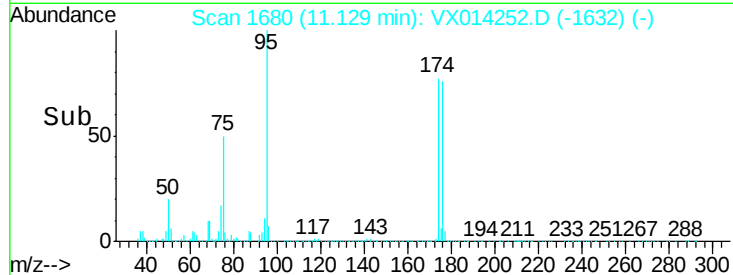
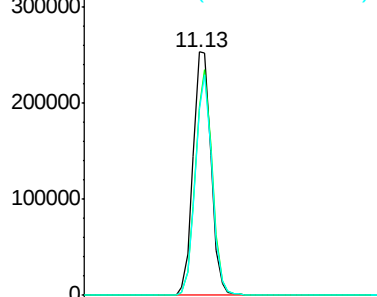
176 84.0 0.0 173.0



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: VX014252.D

Acq: 24 Dec 2019 17:58

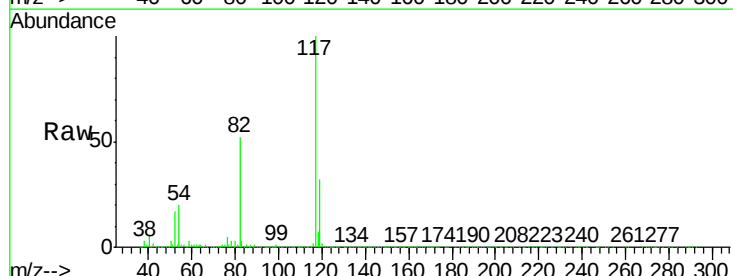
Tgt Ion: 117 Resp: 752977

Ion Ratio Lower Upper

117 100

82 51.8 42.2 63.4

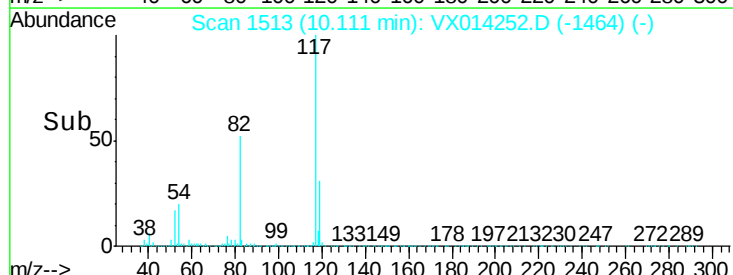
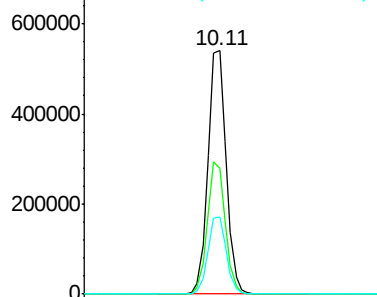
119 31.5 25.1 37.7

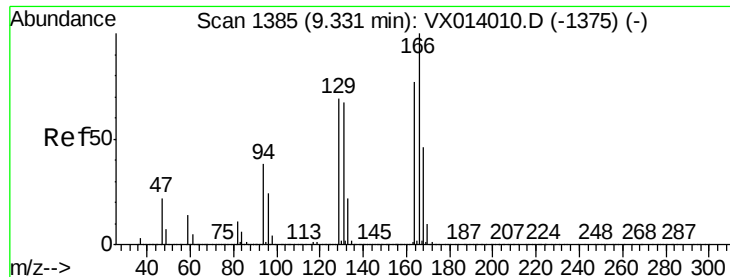


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

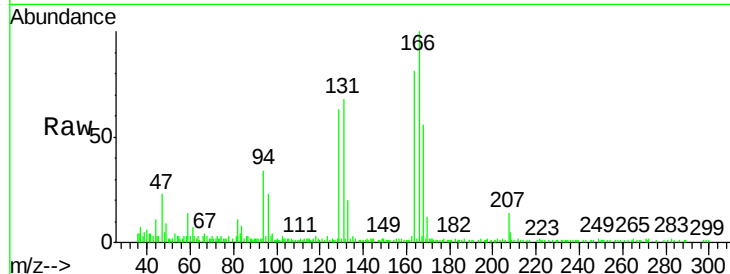




#64
Tetrachloroethene
Concen: 1.555 ug/l
RT: 9.34 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VX014252.D
Acq: 24 Dec 2019 17:58

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

Tot Ion	Ratio	Lower	Upper
164	100		
166	121.2	104.0	156.0
129	75.3	72.2	108.4
131	81.1	69.6	104.4

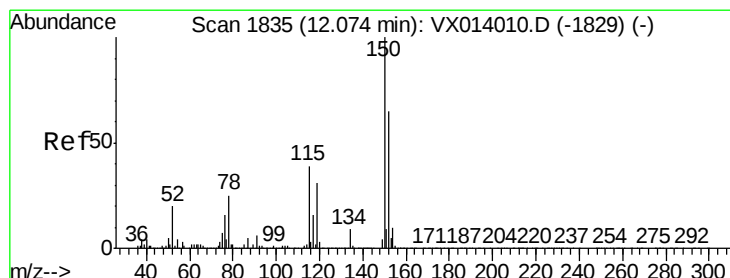
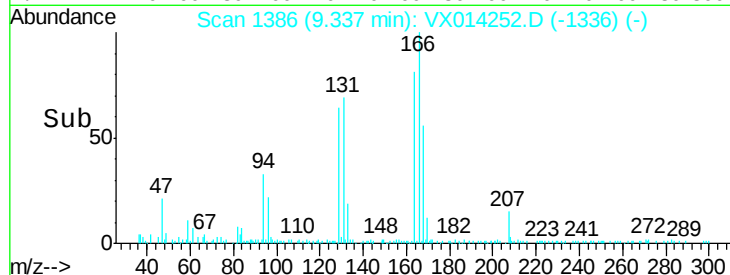
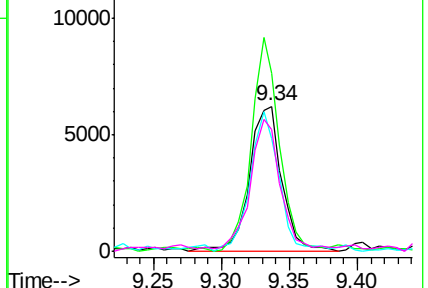


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

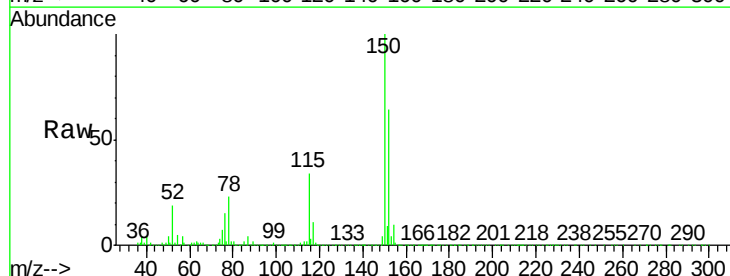
Ion 128.80 (128.50 to 129.50): V

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: VX014252.D
Acq: 24 Dec 2019 17:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	38.3	114.9
150	155.6	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

