

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032419\
 Data File : VX008388.D
 Acq On : 24 Mar 2019 13:45
 Operator : JC/SP
 Sample : K1945-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T1-OZ(PRE)

Quant Time: Mar 25 07:05:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

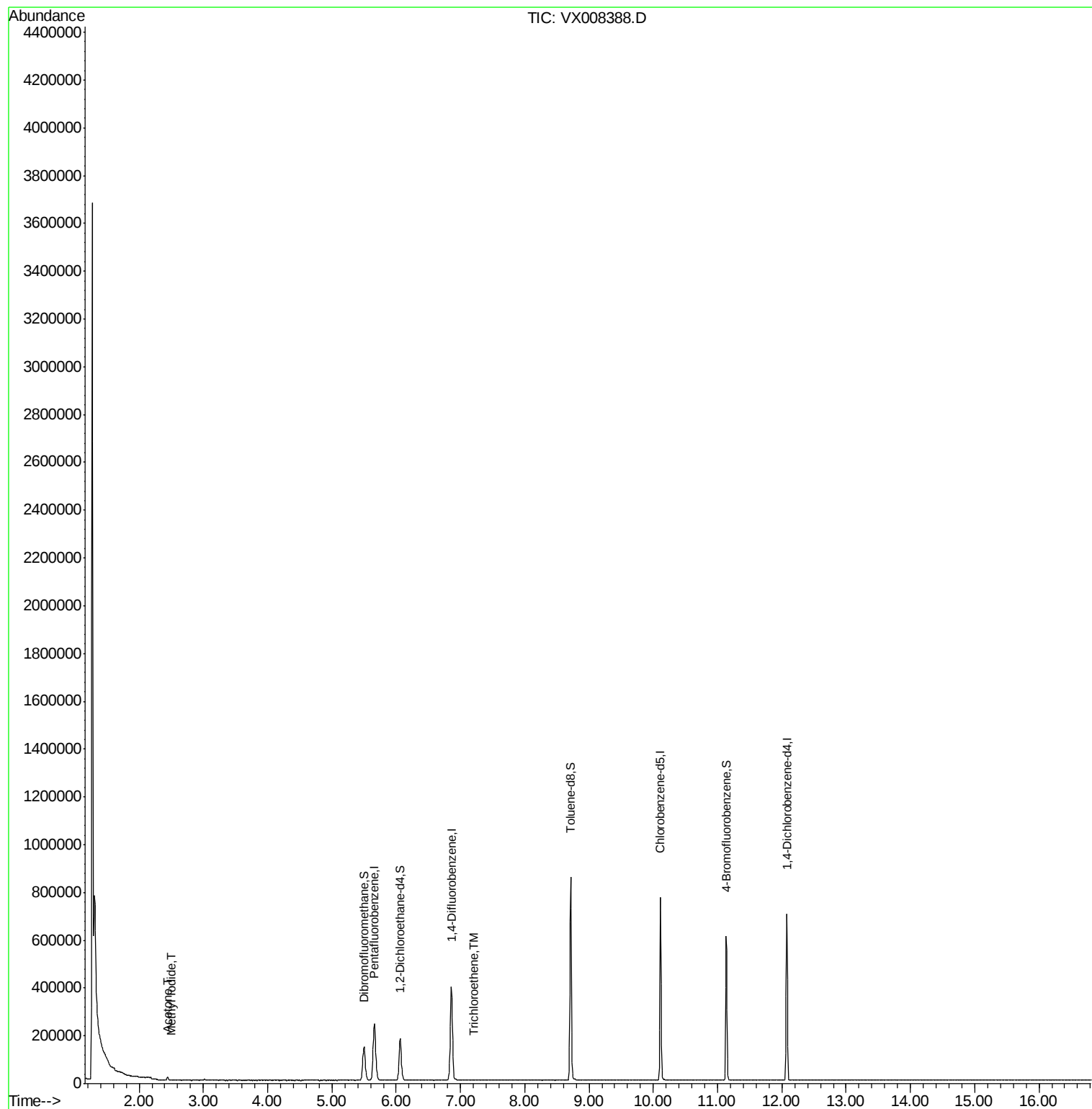
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	381877	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	329919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	163584	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
35) Dibromofluoromethane	5.50	113	120176	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	483954	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.13	95	161582	44.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.94%	
Target Compounds						
10) Methyl Iodide	2.51	142	2208	0.714	ug/l	96
16) Acetone	2.44	43	13827	8.211	ug/l	99
44) Trichloroethene	7.21	130	662	0.240	ug/l	97

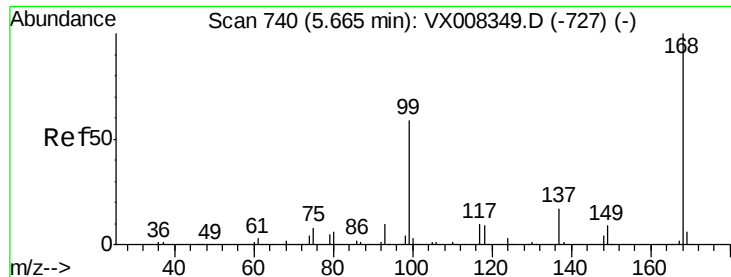
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Mar 23 15:27:34 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008388.D

Acq: 24 Mar 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

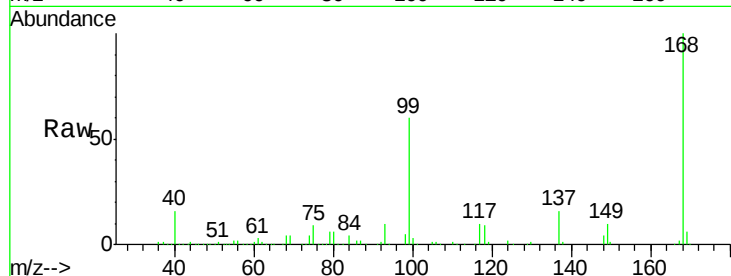
M4-T1-OZ(PRE)

Tot Ion:168 Resp: 220893

Ion Ratio Lower Upper

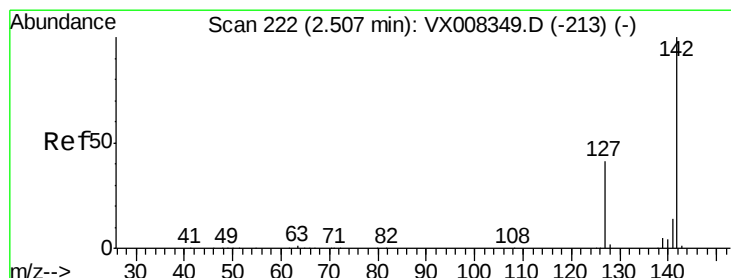
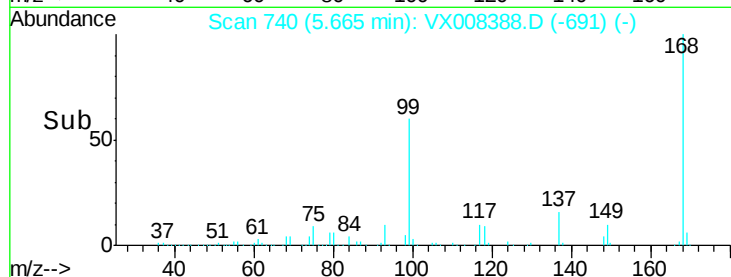
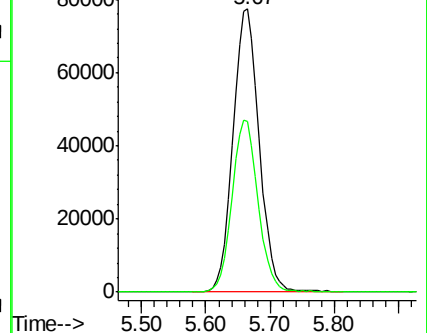
168 100

99 60.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 0.714 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX008388.D

Acq: 24 Mar 2019 13:45

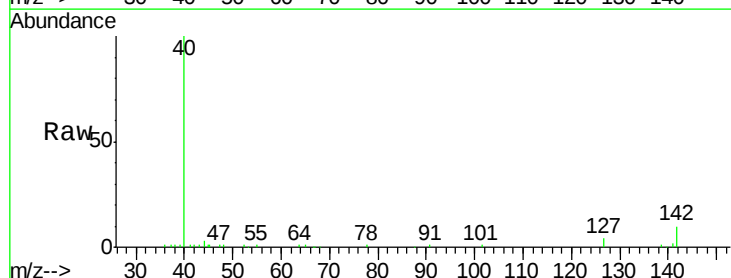
Tgt Ion:142 Resp: 2208

Ion Ratio Lower Upper

142 100

127 42.2 32.1 48.1

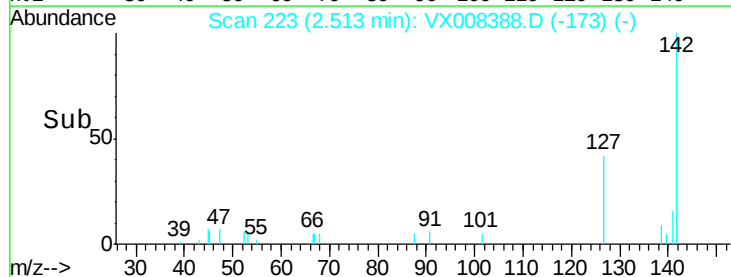
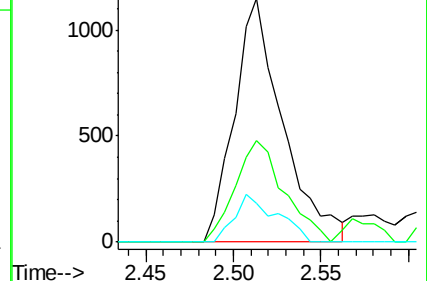
141 16.8 11.4 17.2

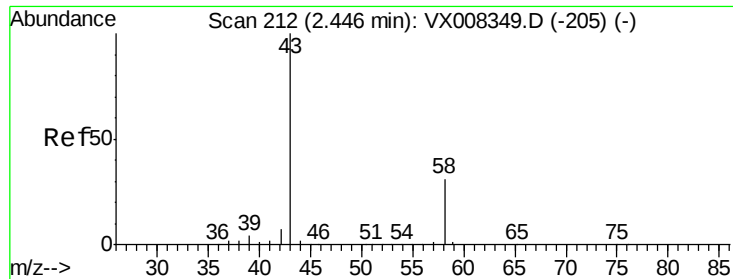


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 8.211 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX008388.D

Acq: 24 Mar 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

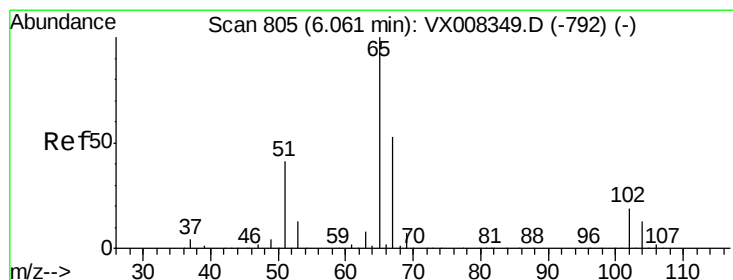
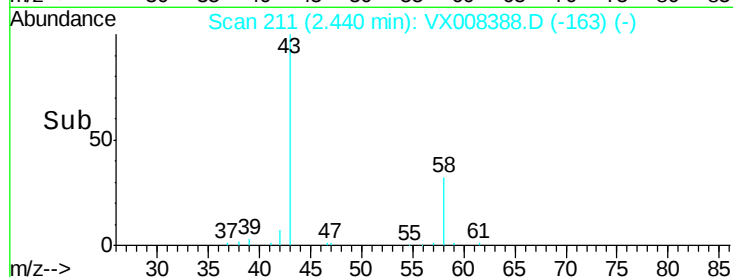
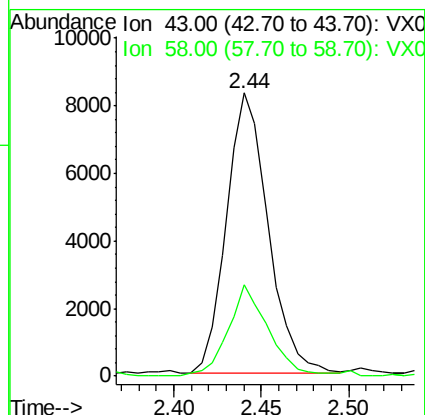
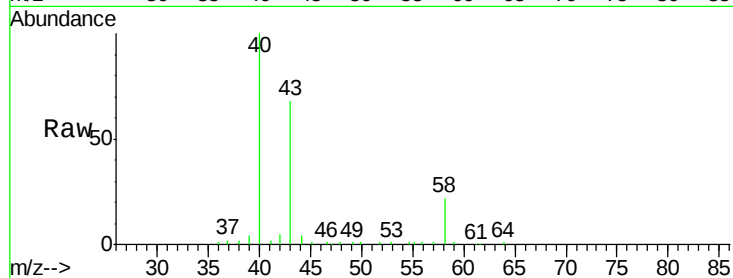
M4-T1-OZ(PRE)

Tot Ion: 43 Resp: 13827

Ion Ratio Lower Upper

43 100

58 31.6 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 48.555 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008388.D

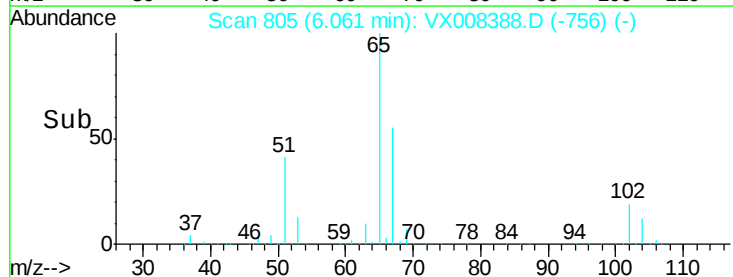
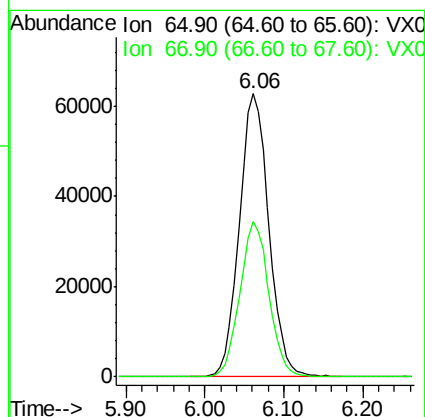
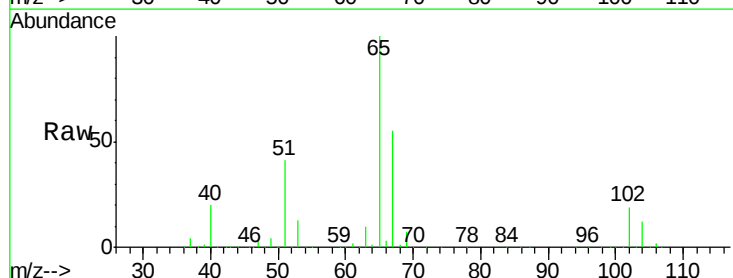
Acq: 24 Mar 2019 13:45

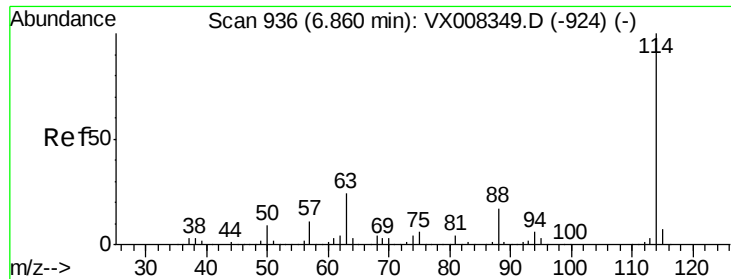
Tgt Ion: 65 Resp: 163584

Ion Ratio Lower Upper

65 100

67 53.9 0.0 110.0

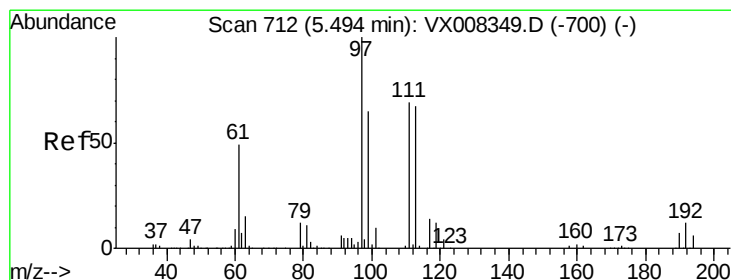
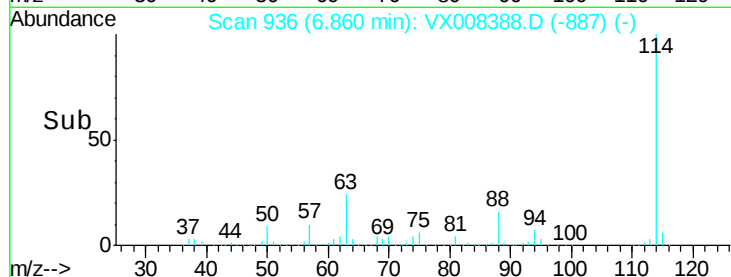
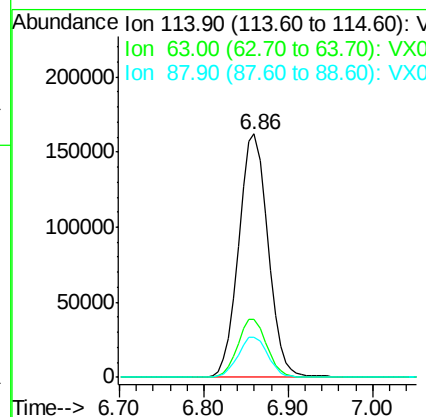
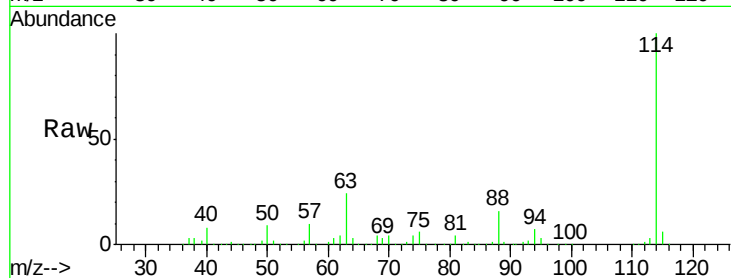




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008388.D
 Acq: 24 Mar 2019 13:45

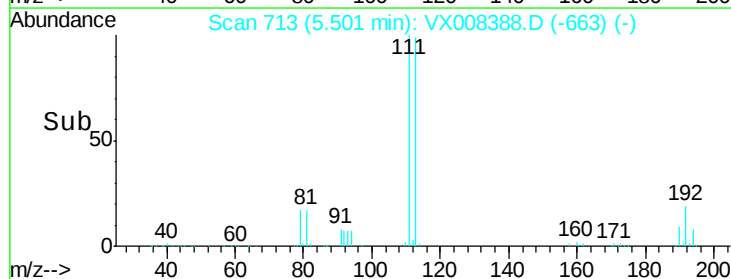
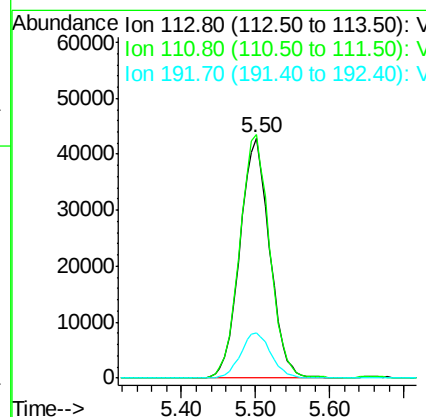
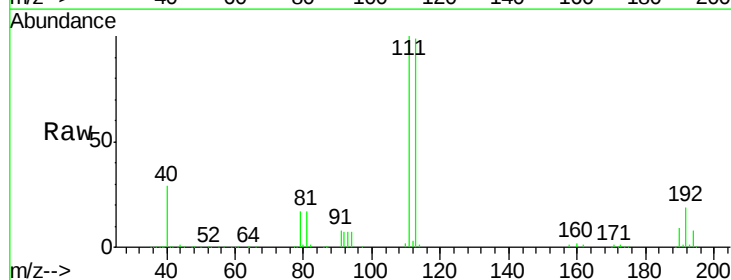
Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T1-OZ(PRE)

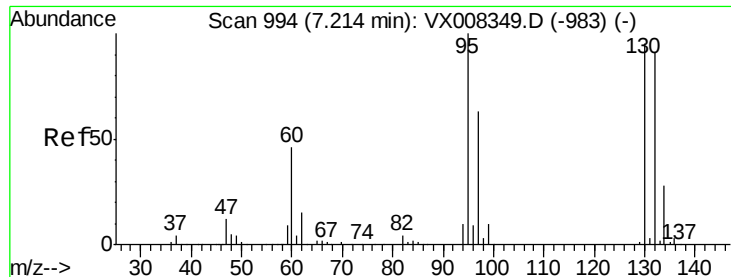
Tot Ion:114 Resp: 381877
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 39.8
 88 16.4 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 48.572 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX008388.D
 Acq: 24 Mar 2019 13:45

Tgt Ion:113 Resp: 120176
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 19.3 19.4 29.0#





#44

Trichloroethene

Concen: 0.240 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX008388.D

Acq: 24 Mar 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

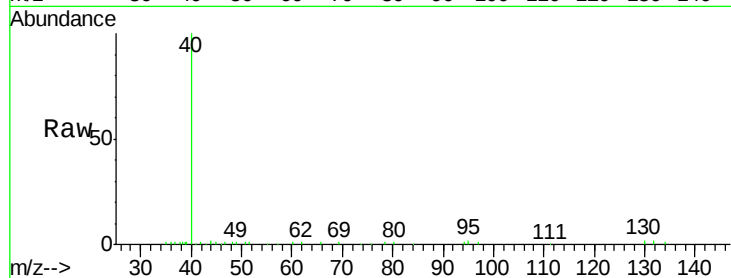
M4-T1-OZ(PRE)

Tot Ion:130 Resp: 662

Ion Ratio Lower Upper

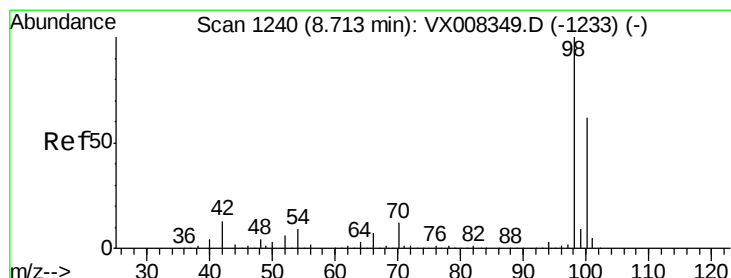
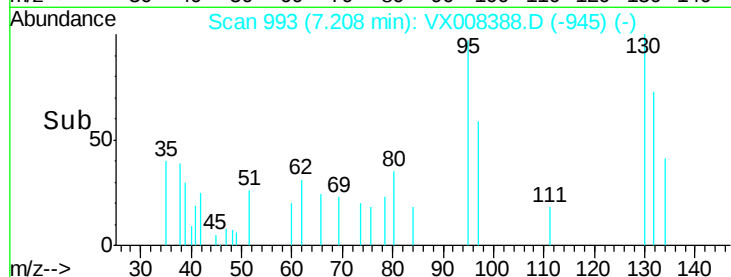
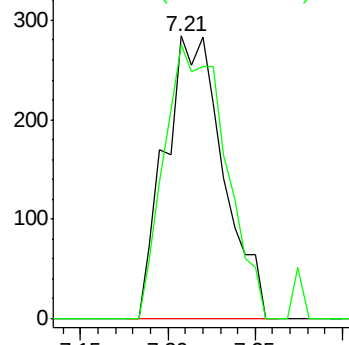
130 100

95 97.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.454 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008388.D

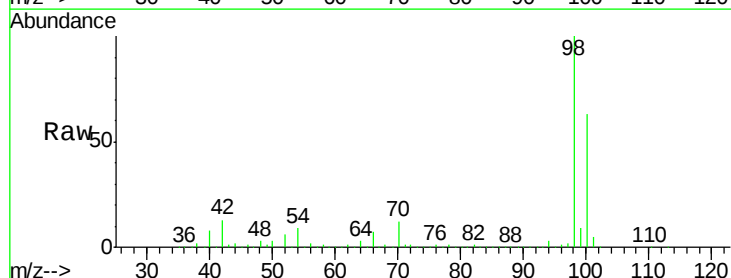
Acq: 24 Mar 2019 13:45

Tgt Ion: 98 Resp: 483954

Ion Ratio Lower Upper

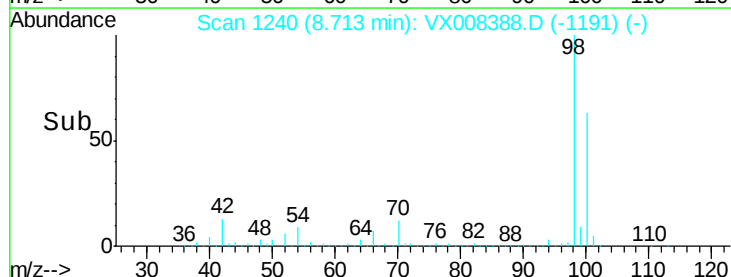
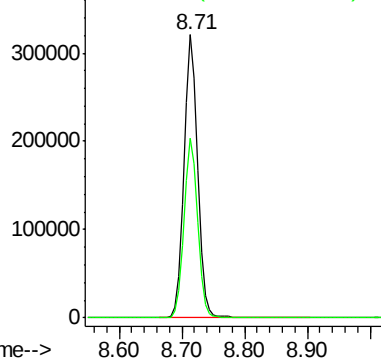
98 100

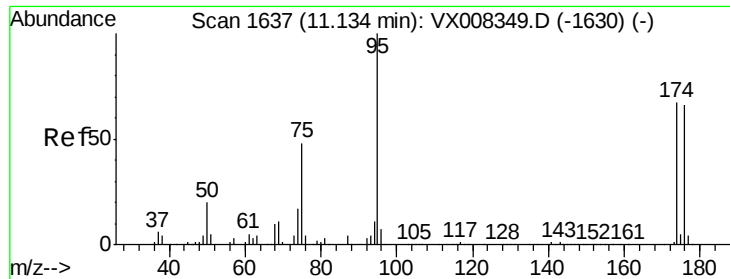
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.971 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008388.D

Acq: 24 Mar 2019 13:45

Instrument :

MSVOA_X

ClientSampleId :

M4-T1-OZ(PRE)

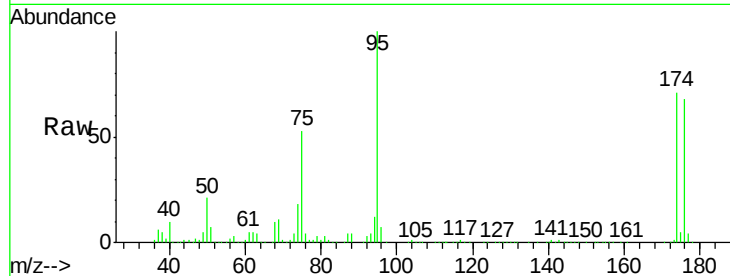
Tot Ion: 95 Resp: 161582

Ion Ratio Lower Upper

95 100

174 74.0 0.0 182.8

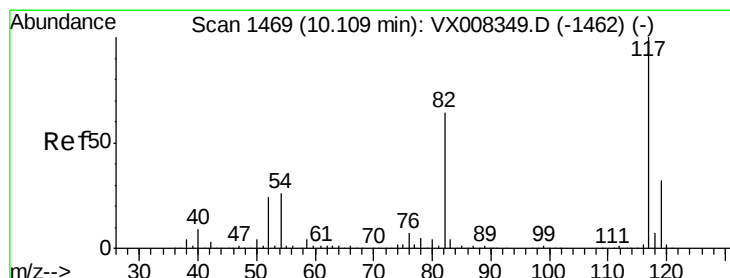
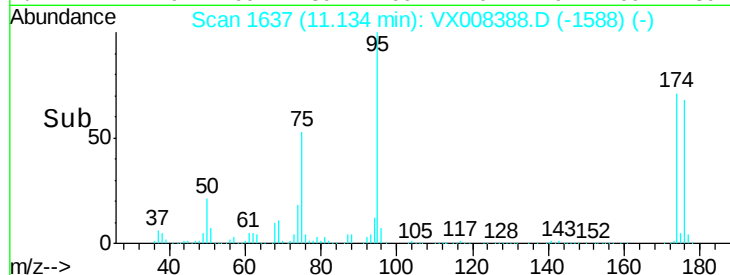
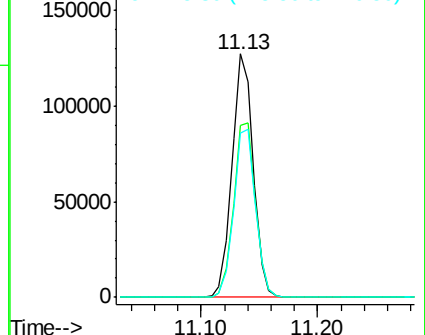
176 71.3 0.0 178.0



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# 1469

Delta R.T. 0.00 min

Lab File: VX008388.D

Acq: 24 Mar 2019 13:45

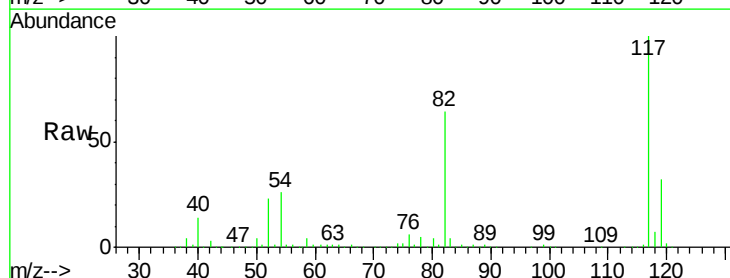
Tgt Ion: 117 Resp: 329919

Ion Ratio Lower Upper

117 100

82 63.6 44.3 66.5

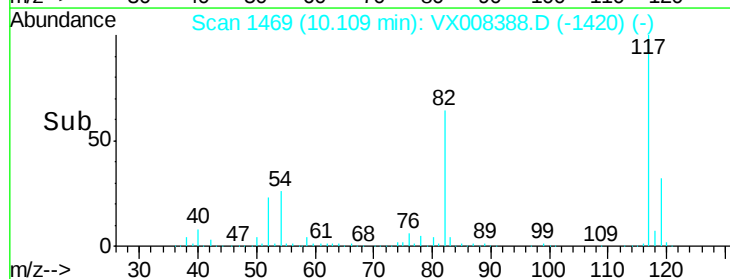
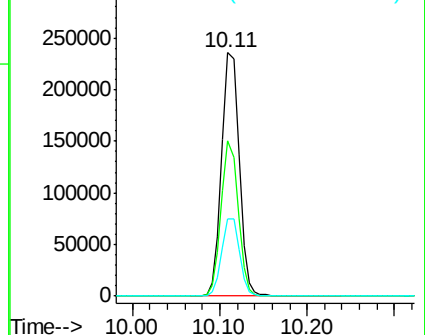
119 31.7 25.3 37.9

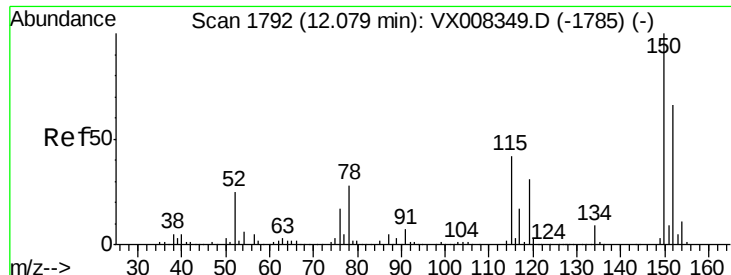


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

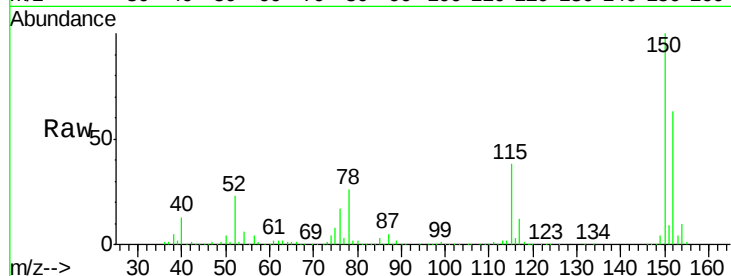




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008388.D
 Acq: 24 Mar 2019 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T1-OZ(PRE)

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.0	38.6	115.7
150	157.5	0.0	348.4



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

