

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008269.D
 Acq On : 21 Mar 2019 03:16
 Operator : JC/SP
 Sample : K1912-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T3-OZ(PRE)

Quant Time: Mar 22 08:01:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

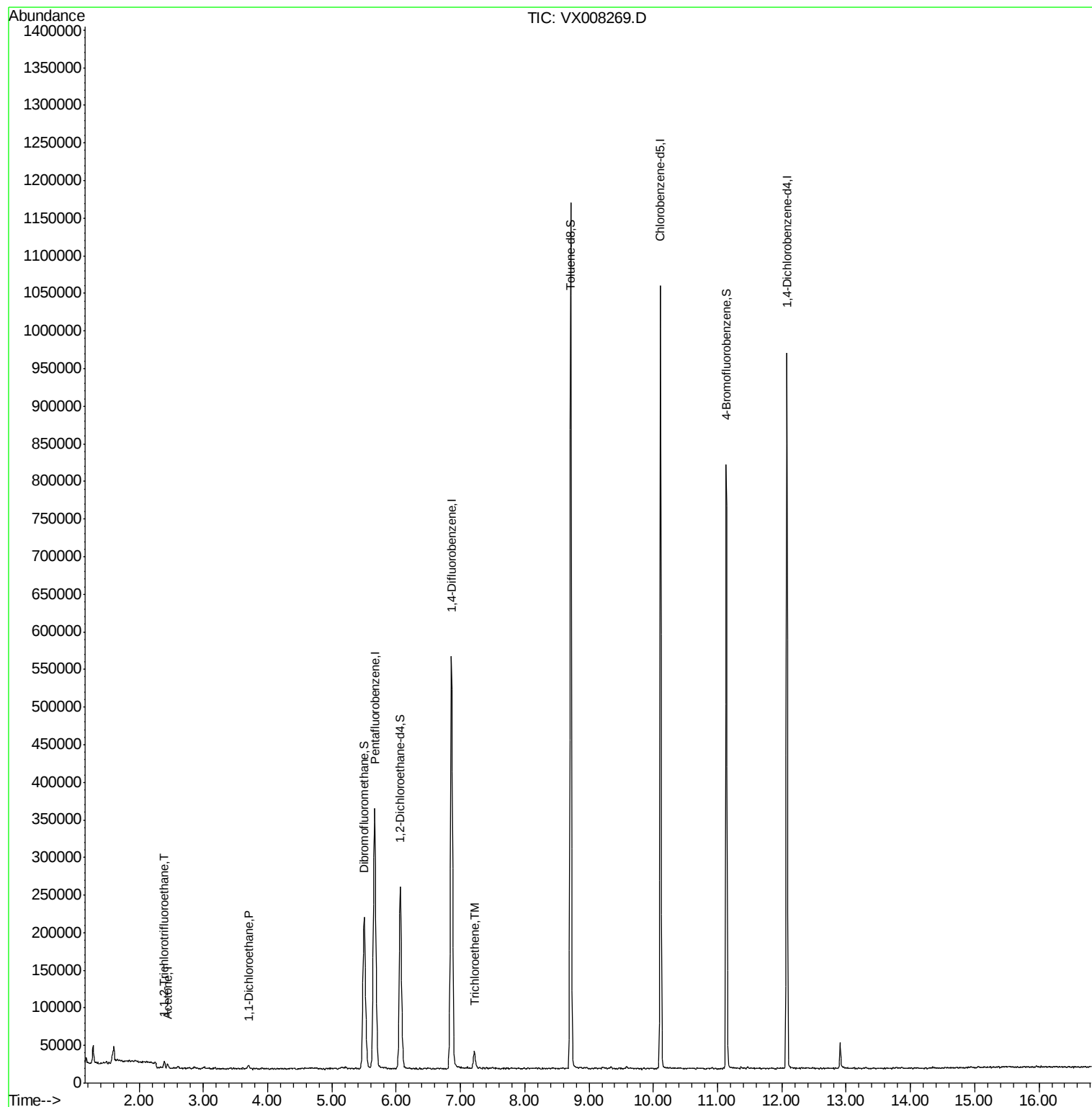
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	320514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	529208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	451986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181434	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	229233	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
35) Dibromofluoromethane	5.50	113	170217	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	8.71	98	652195	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	209376	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3820	0.927	ug/l #	84
16) Acetone	2.45	43	5847	2.136	ug/l	94
24) 1,1-Dichloroethane	3.70	63	4953	0.581	ug/l #	89
44) Trichloroethene	7.21	130	8849	1.985	ug/l	94

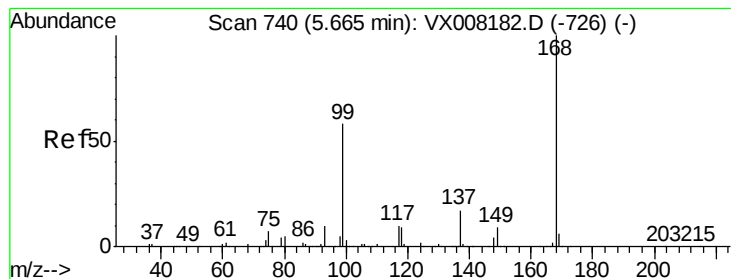
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008269.D

Acq: 21 Mar 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

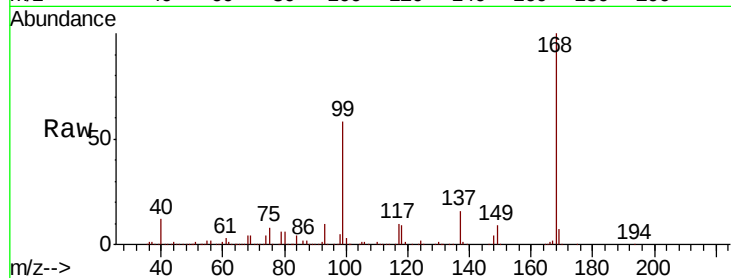
M3-T3-OZ(PRE)

Tot Ion:168 Resp: 320514

Ion Ratio Lower Upper

168 100

99 57.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

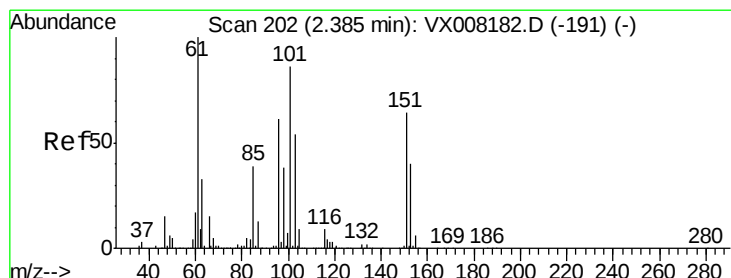
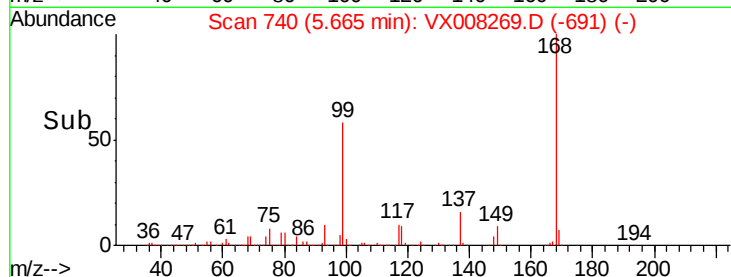
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.927 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX008269.D

Acq: 21 Mar 2019 03:16

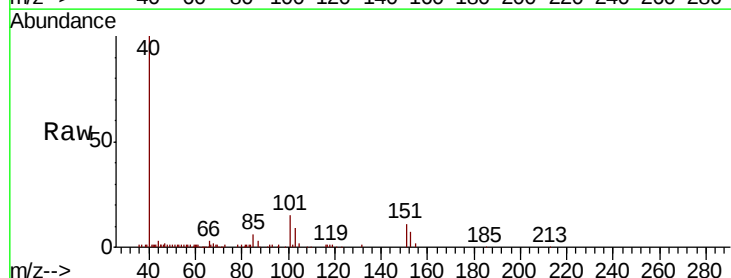
Tgt Ion:101 Resp: 3820

Ion Ratio Lower Upper

101 100

85 50.7 33.8 50.6#

151 70.0 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.39

2500

2000

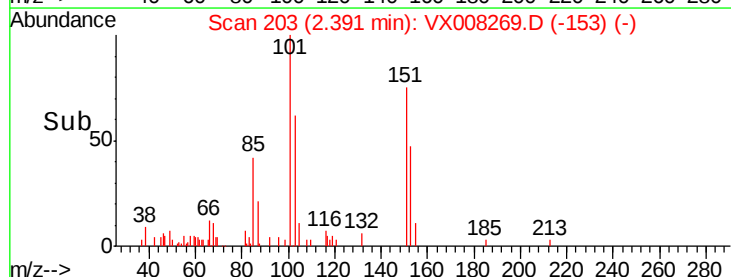
1500

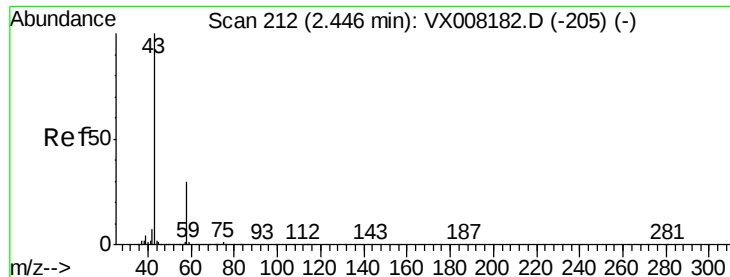
1000

500

0

Time--> 2.30 2.40 2.50





#16

Acetone

Concen: 2.136 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008269.D

Acq: 21 Mar 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

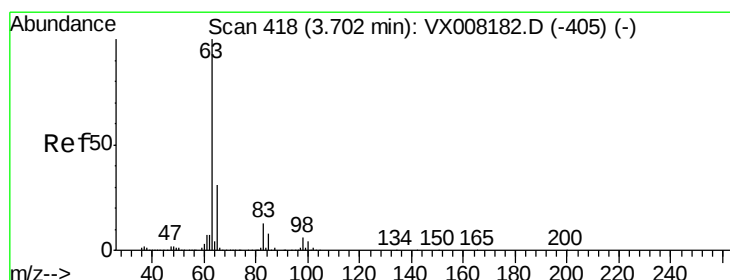
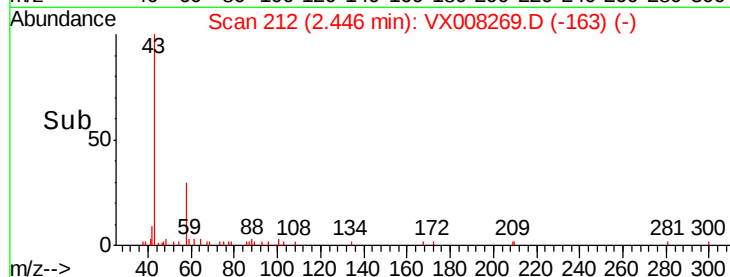
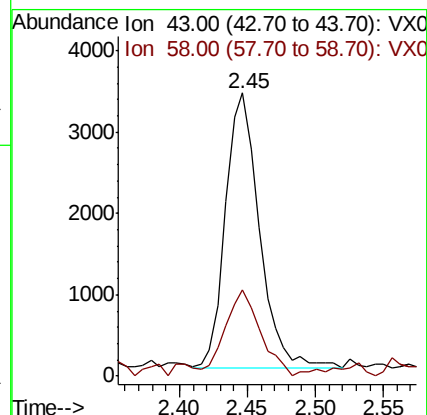
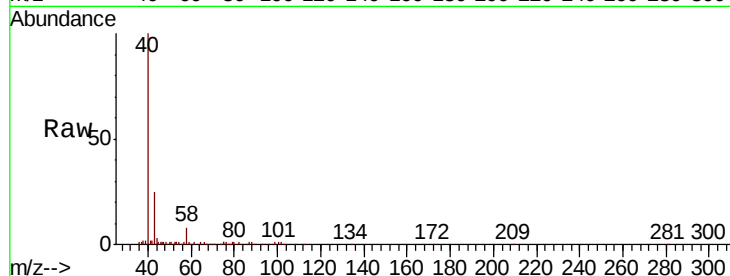
M3-T3-OZ(PRE)

Tot Ion: 43 Resp: 5847

Ion Ratio Lower Upper

43 100

58 28.8 25.5 38.3



#24

1,1-Dichloroethane

Concen: 0.581 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008269.D

Acq: 21 Mar 2019 03:16

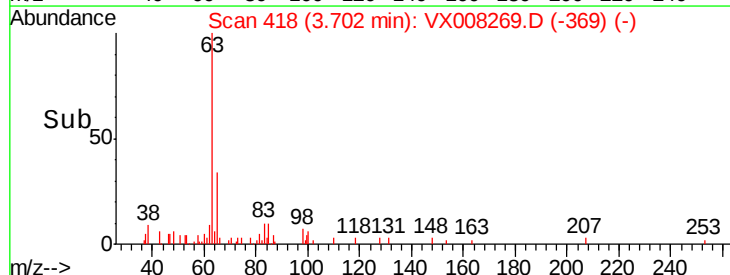
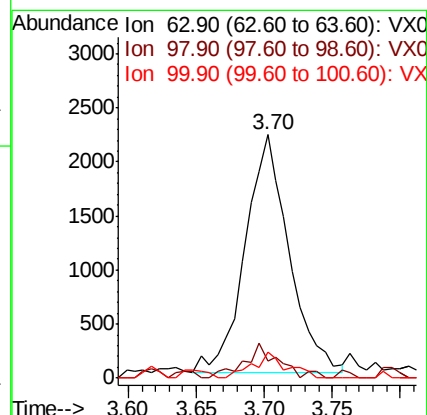
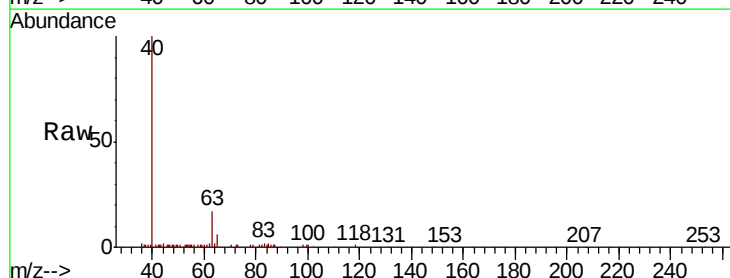
Tgt Ion: 63 Resp: 4953

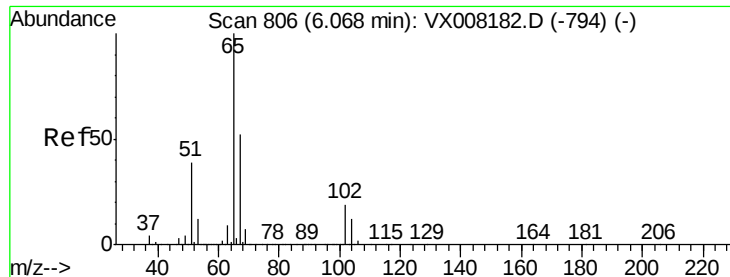
Ion Ratio Lower Upper

63 100

98 4.5 3.3 9.8

100 10.8 2.3 6.8#

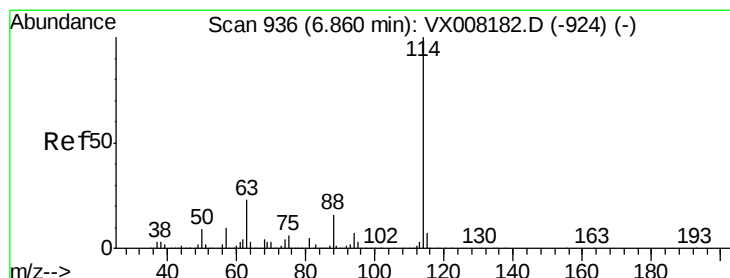
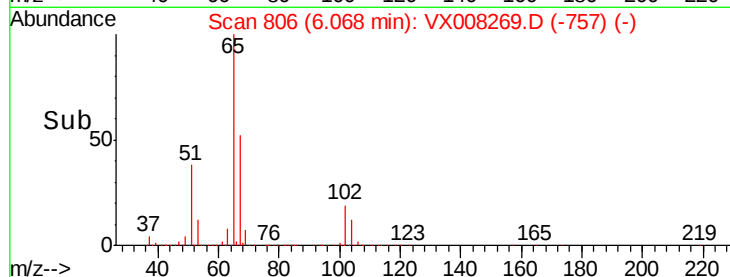
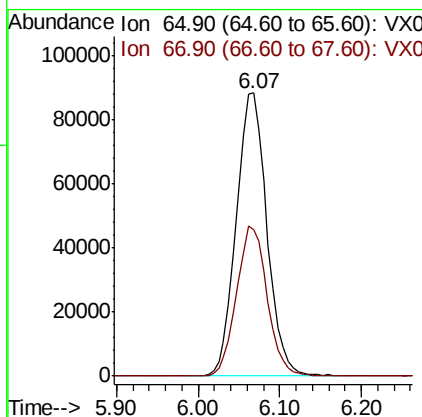
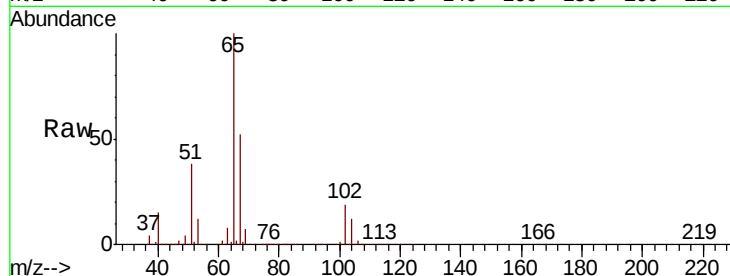




#33
 1,2-Dichloroethane-d4
 Concen: 47.487 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX008269.D
 Acq: 21 Mar 2019 03:16

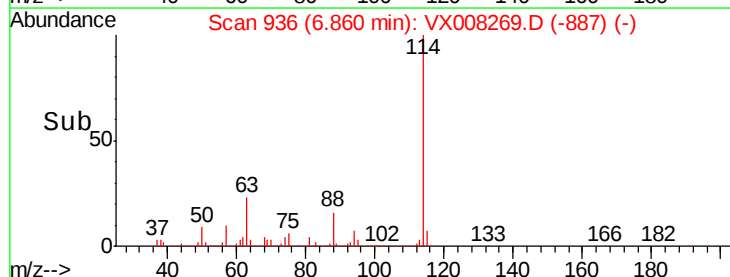
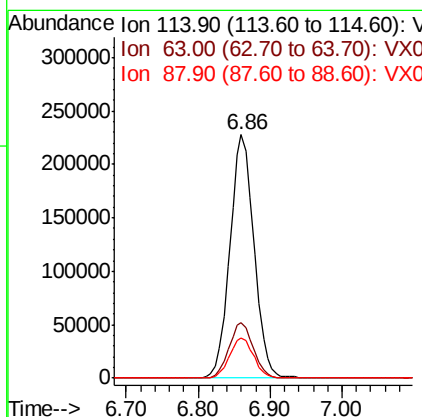
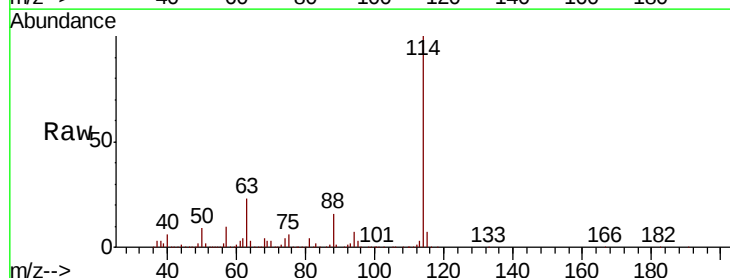
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T3-OZ(PRE)

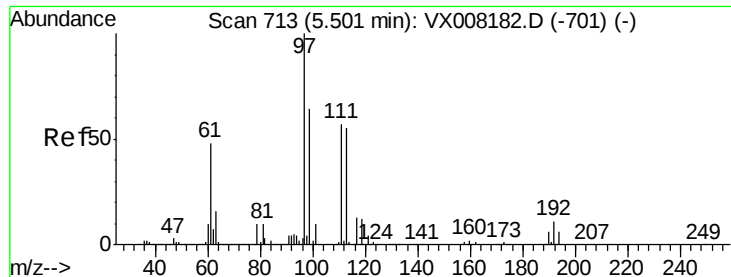
Tot Ion: 65 Resp: 229233
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008269.D
 Acq: 21 Mar 2019 03:16

Tgt Ion: 114 Resp: 529208
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 39.8
 88 16.3 0.0 31.4

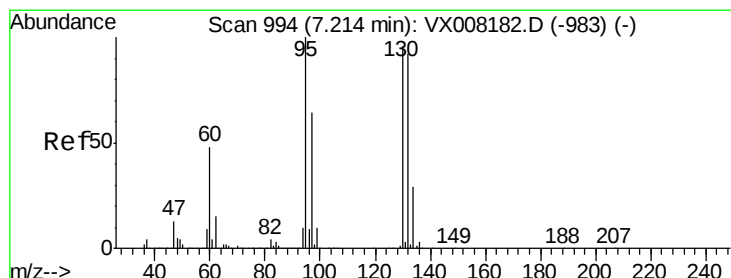
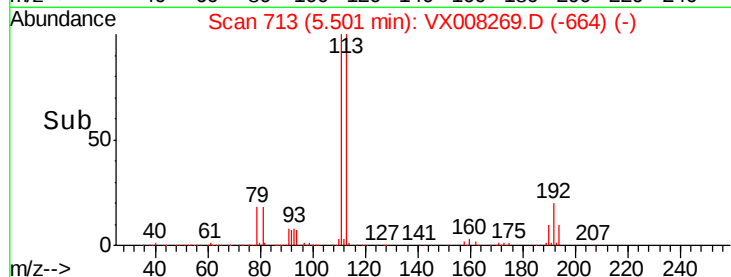
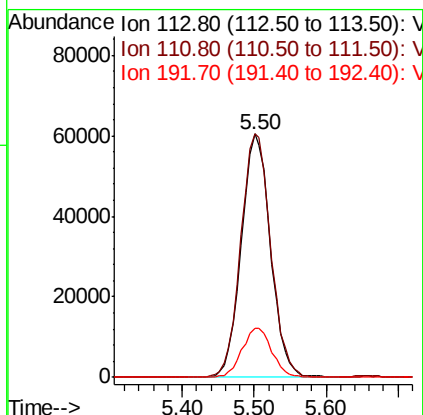
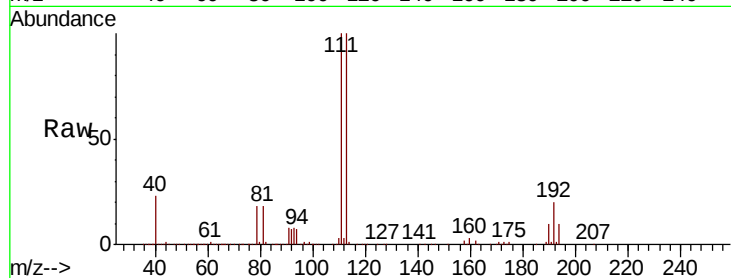




#35
 Dibromofluoromethane
 Concen: 48.047 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX008269.D
 Acq: 21 Mar 2019 03:16

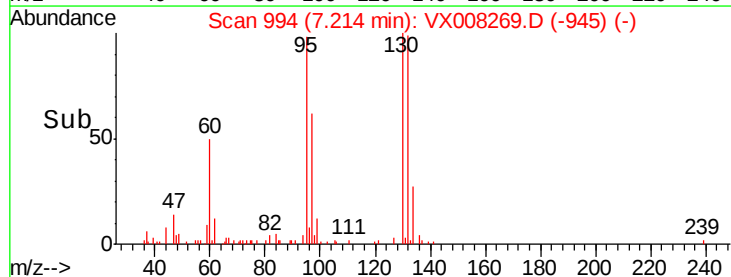
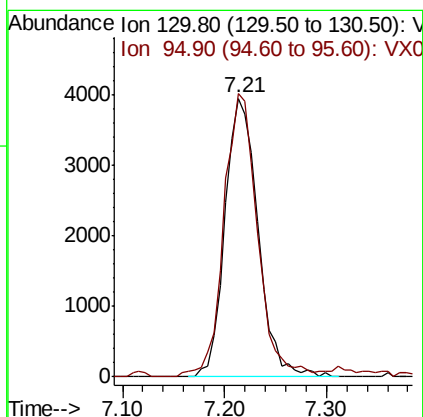
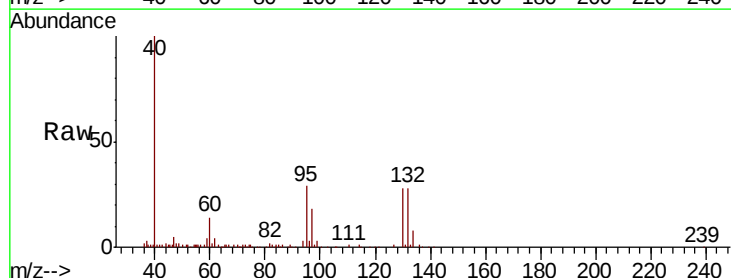
Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T3-OZ(PRE)

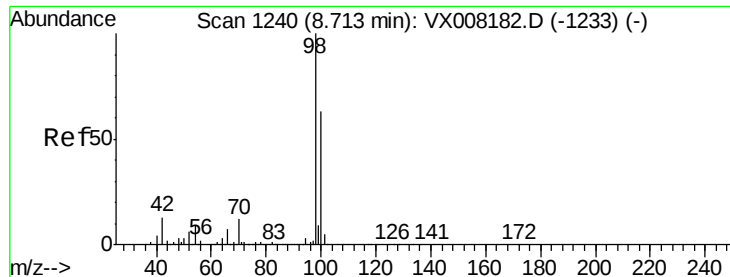
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	20.7	19.4	29.0



#44
 Trichloroethene
 Concen: 1.985 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008269.D
 Acq: 21 Mar 2019 03:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	188.0





#50

Toluene-d8

Concen: 48.557 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008269.D

Acq: 21 Mar 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

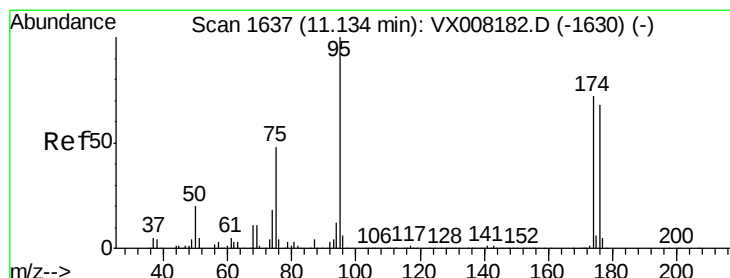
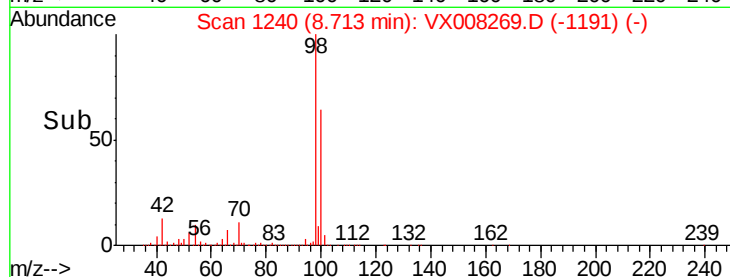
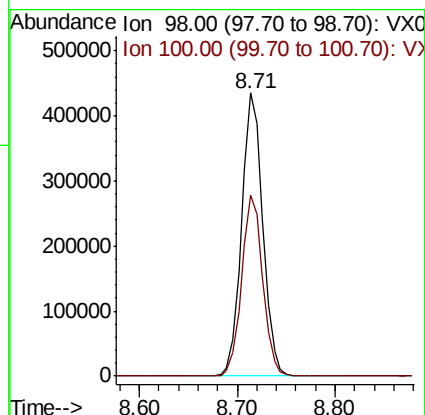
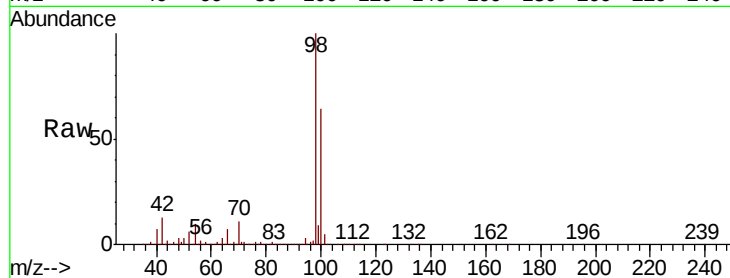
M3-T3-OZ(PRE)

Tot Ion: 98 Resp: 652195

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.273 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008269.D

Acq: 21 Mar 2019 03:16

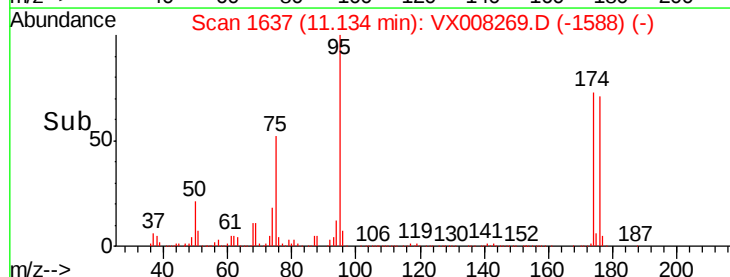
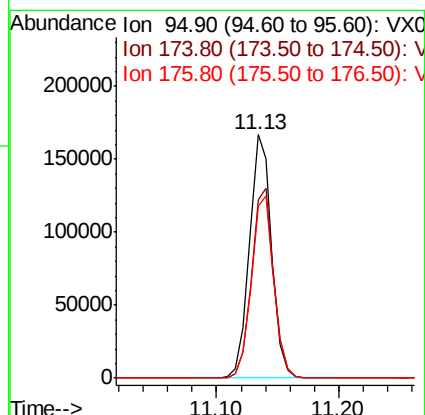
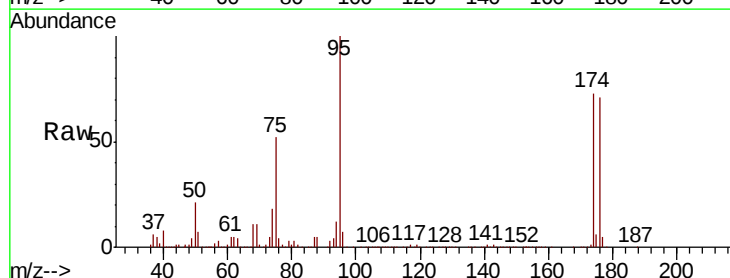
Tgt Ion: 95 Resp: 209376

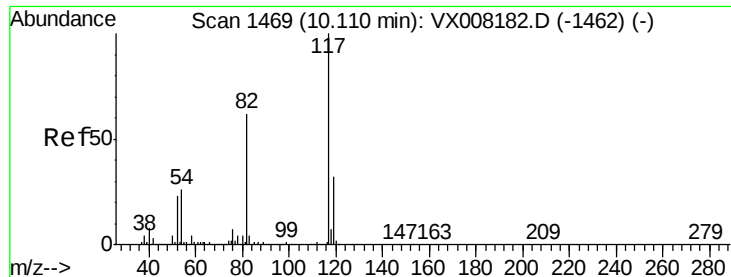
Ion Ratio Lower Upper

95 100

174 78.8 0.0 182.8

176 76.2 0.0 178.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008269.D

Acq: 21 Mar 2019 03:16

Instrument :

MSVOA_X

ClientSampleId :

M3-T3-OZ(PRE)

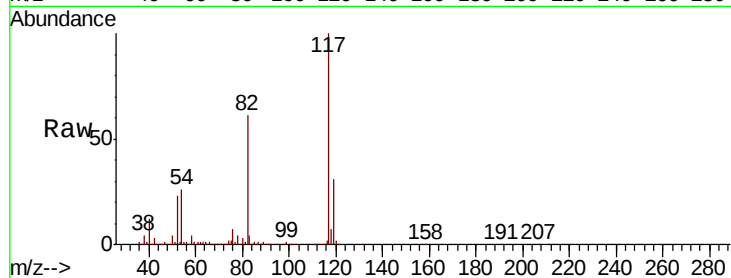
Tot Ion:117 Resp: 451986

Ion Ratio Lower Upper

117 100

82 61.1 44.3 66.5

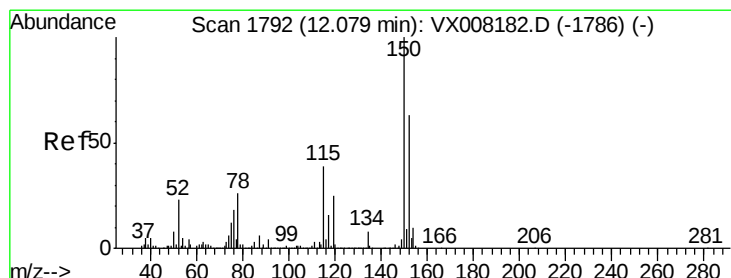
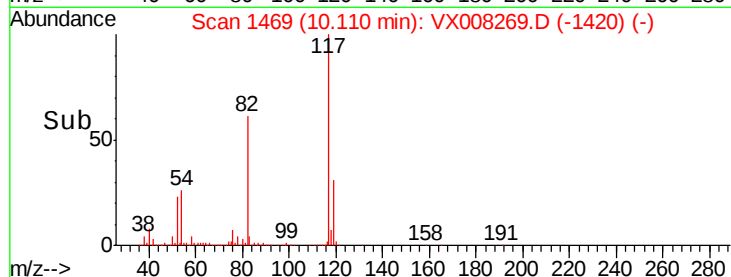
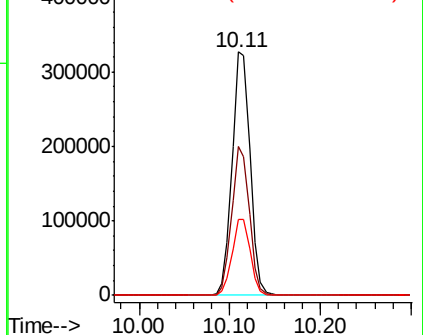
119 31.3 25.3 37.9



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: VX008269.D

Acq: 21 Mar 2019 03:16

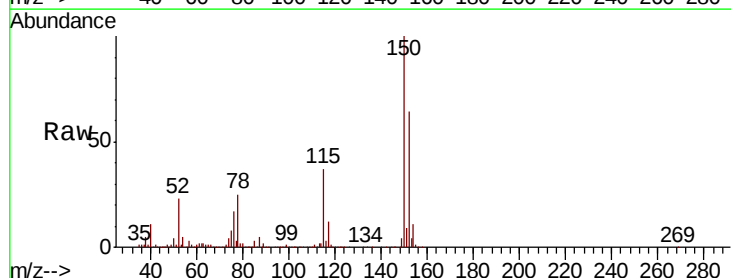
Tgt Ion:152 Resp: 181434

Ion Ratio Lower Upper

152 100

115 60.6 38.6 115.7

150 158.3 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

