

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008253.D
 Acq On : 20 Mar 2019 19:48
 Operator : JC/SP
 Sample : K1945-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T0-OZ(PRE)

Quant Time: Mar 22 07:30:18 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

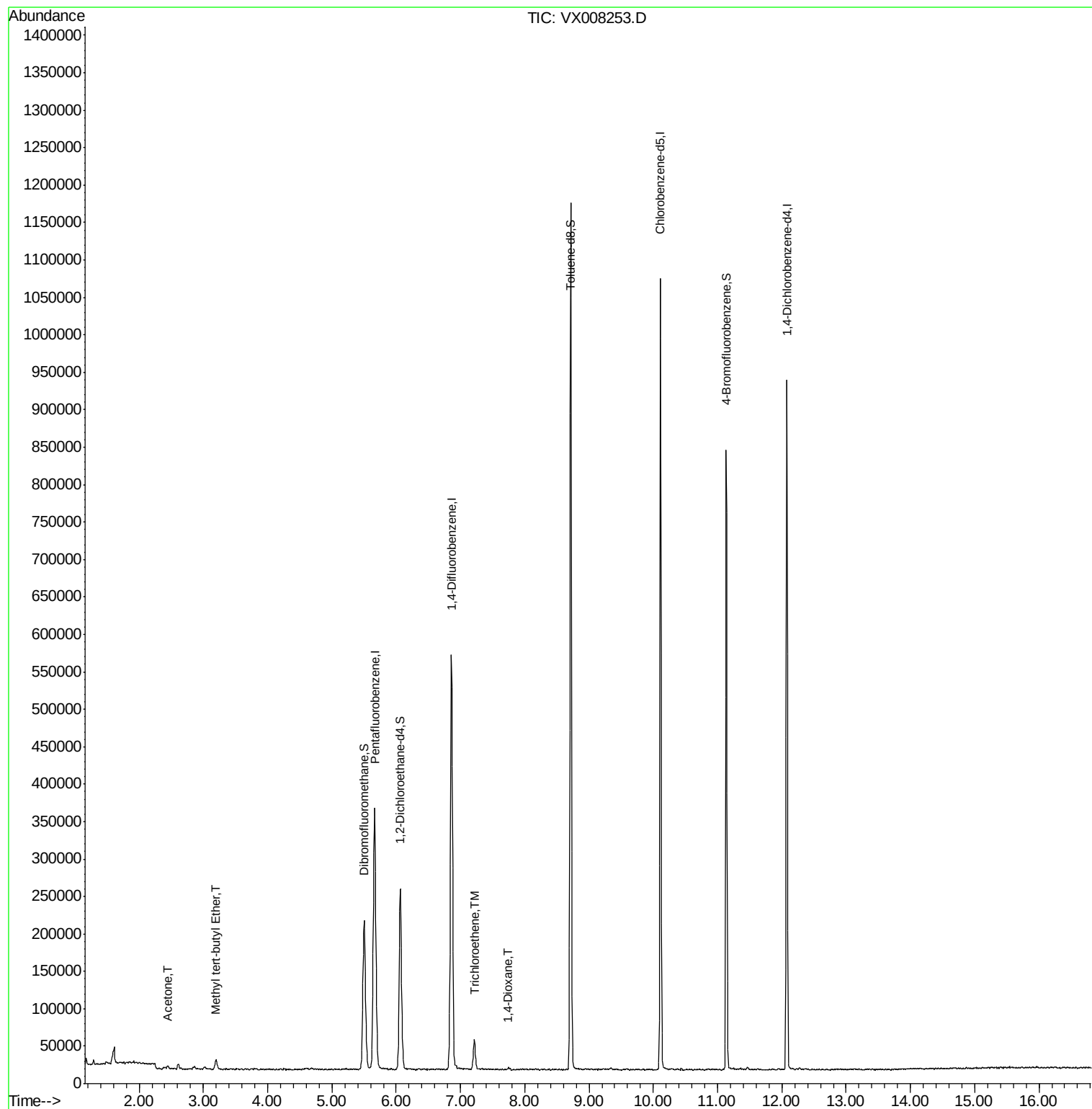
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	535786	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	454521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	184472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	232782	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	
35) Dibromofluoromethane	5.50	113	170058	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	8.71	98	660667	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	11.13	95	212271	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
Target Compounds						
16) Acetone	2.45	43	5916	2.112	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	14028	0.975	ug/l	95
44) Trichloroethene	7.21	130	16067	3.559	ug/l	94
49) 1,4-Dioxane	7.74	88	1870	16.862	ug/l #	87

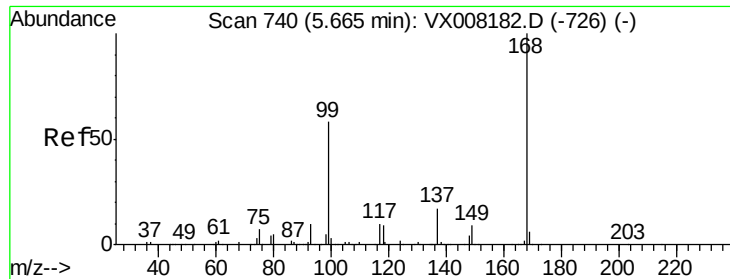
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032019\
Data File : VX008253.D
Acq On : 20 Mar 2019 19:48
Operator : JC/SP
Sample : K1945-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M4-T0-OZ(PRE)

Quant Time: Mar 22 07:30:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 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: VX008253.D

Acq: 20 Mar 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

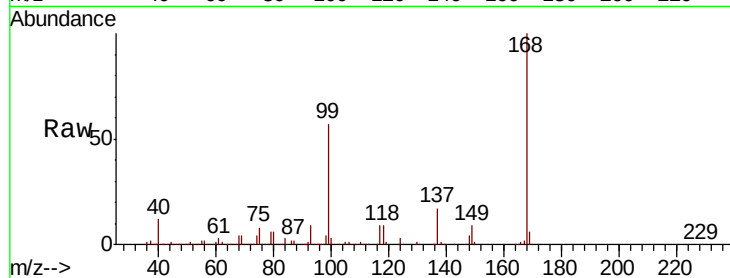
M4-T0-OZ(PRE)

Tot Ion:168 Resp: 327983

Ion Ratio Lower Upper

168 100

99 57.0 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX008182.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX008182.D (-726) (-)

5.67

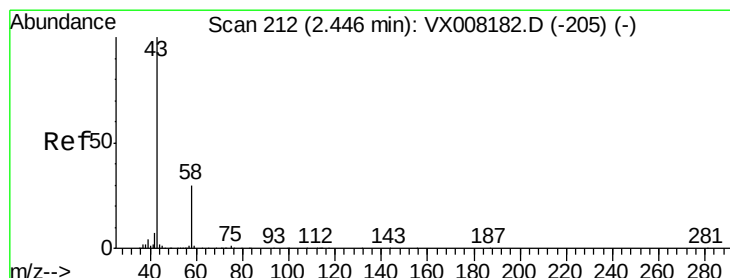
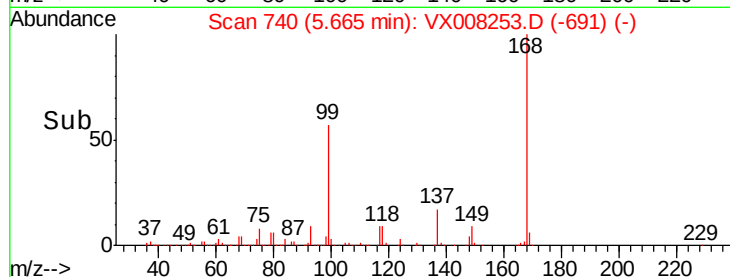
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 2.112 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008253.D

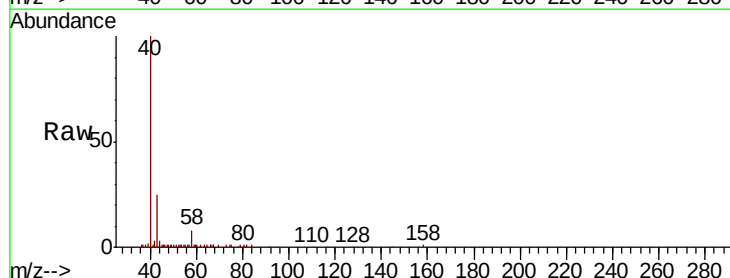
Acq: 20 Mar 2019 19:48

Tgt Ion: 43 Resp: 5916

Ion Ratio Lower Upper

43 100

58 29.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX008182.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX008182.D (-205) (-)

2.45

4000

3000

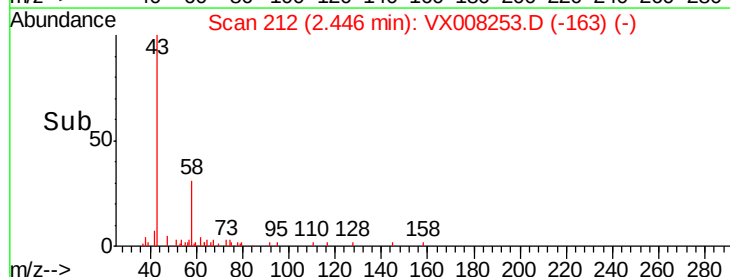
2000

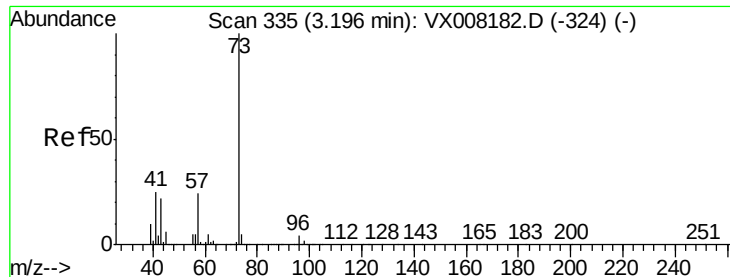
1000

0

Time-->

2.35 2.40 2.45 2.50



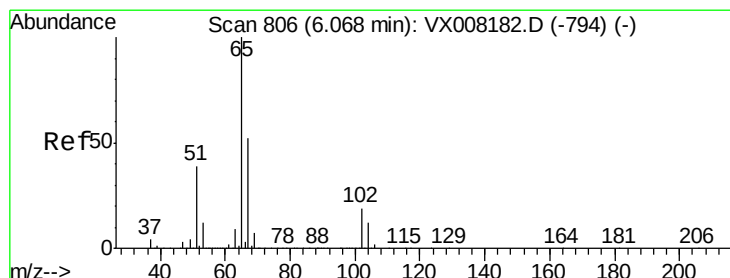
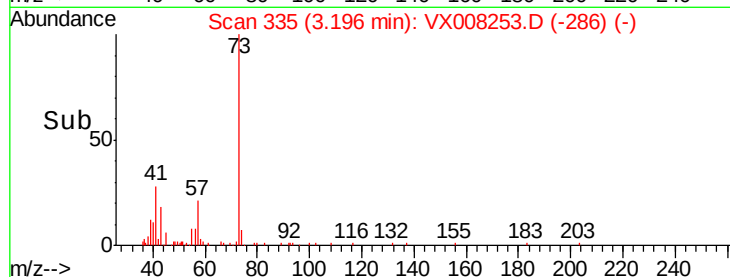
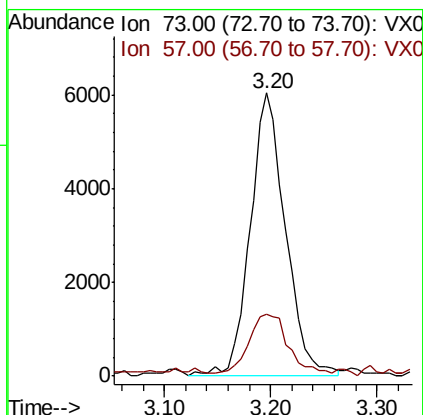
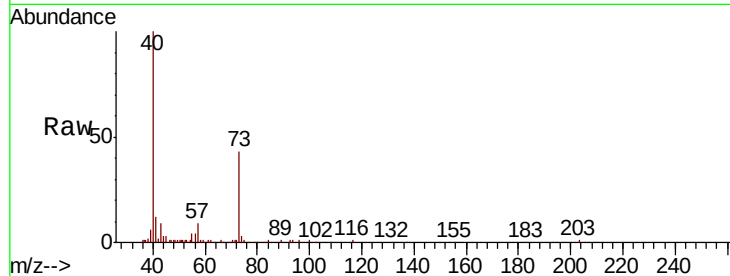


#19

Methyl tert-butyl Ether
 Concen: 0.975 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008253.D
 Acq: 20 Mar 2019 19:48

Instrument :
 MSVOA_X
 ClientSampleId :
 M4-T0-OZ(PRE)

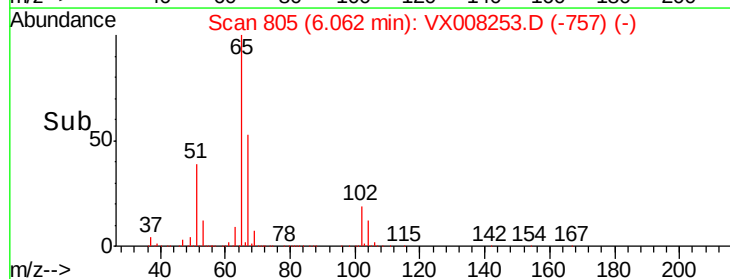
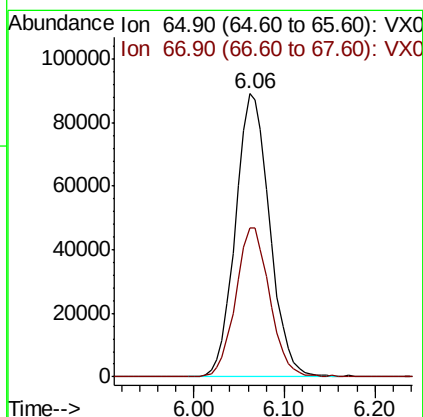
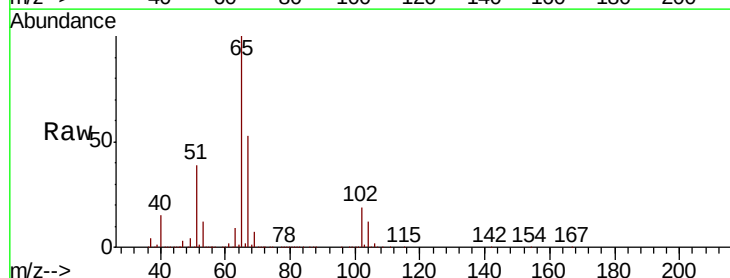
Tot Ion: 73 Resp: 14028
 Ion Ratio Lower Upper
 73 100
 57 20.6 18.2 27.4

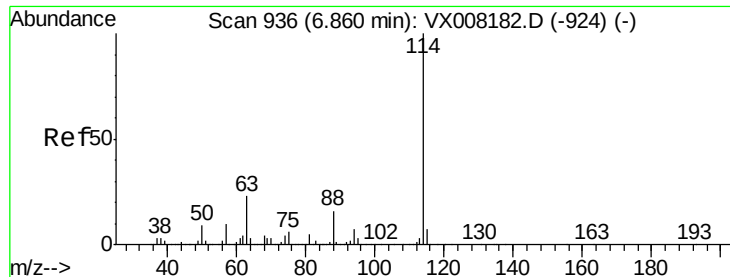


#33

1,2-Dichloroethane-d4
 Concen: 47.125 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008253.D
 Acq: 20 Mar 2019 19:48

Tgt Ion: 65 Resp: 232782
 Ion Ratio Lower Upper
 65 100
 67 52.4 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: VX008253.D

Acq: 20 Mar 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

M4-T0-OZ(PRE)

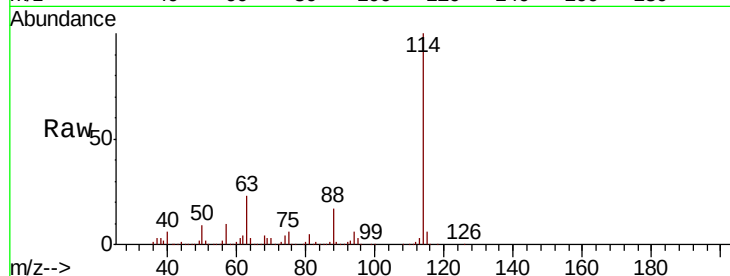
Tot Ion:114 Resp: 535786

Ion Ratio Lower Upper

114 100

63 22.6 0.0 39.8

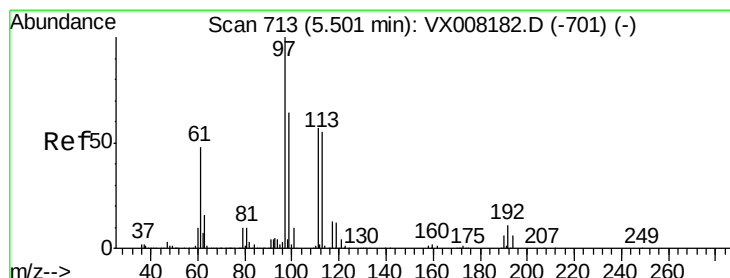
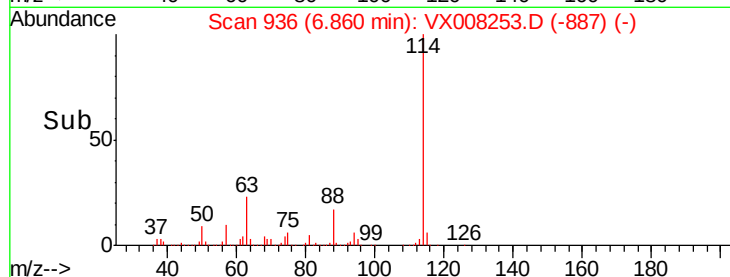
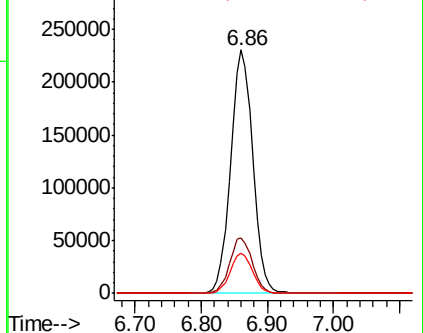
88 16.5 0.0 31.4



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: 47.413 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008253.D

Acq: 20 Mar 2019 19:48

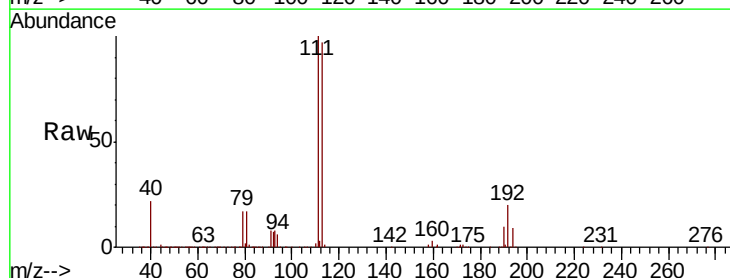
Tgt Ion:113 Resp: 170058

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

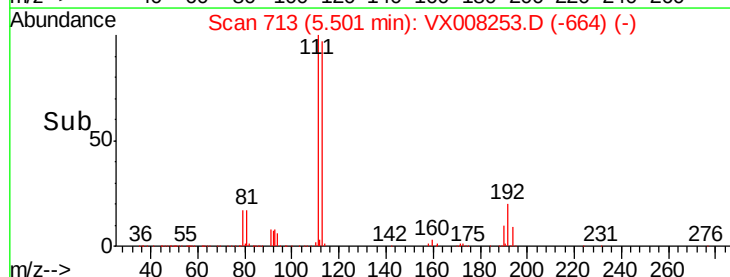
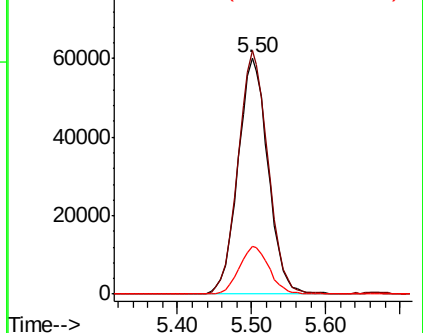
192 20.3 19.4 29.0

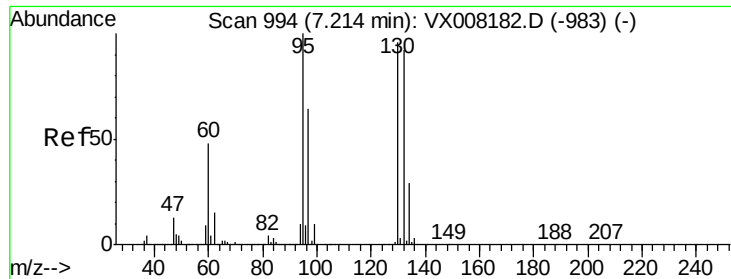


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.559 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008253.D

Acq: 20 Mar 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

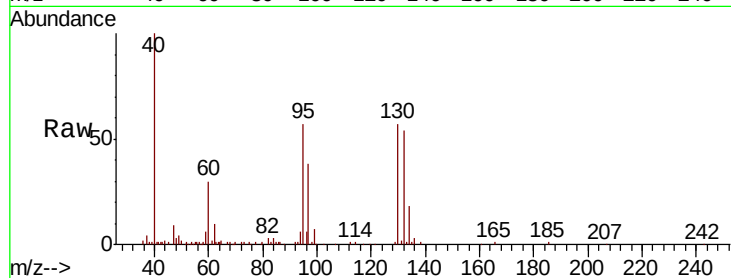
M4-T0-OZ(PRE)

Tot Ion:130 Resp: 16067

Ion Ratio Lower Upper

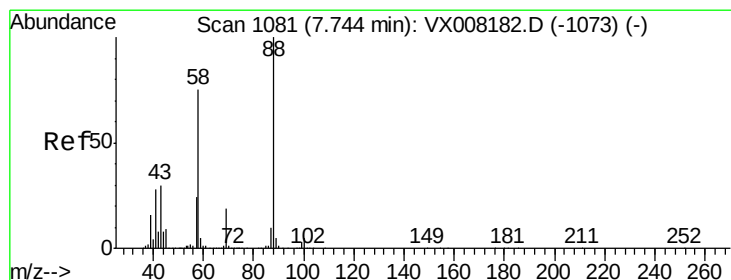
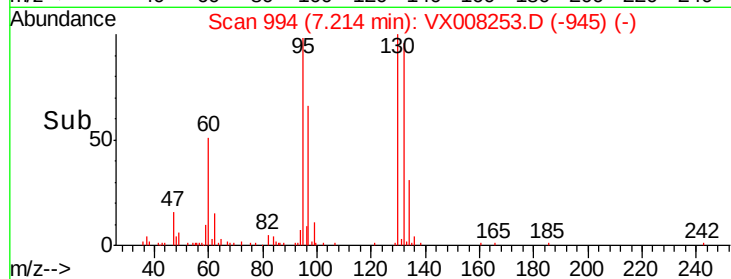
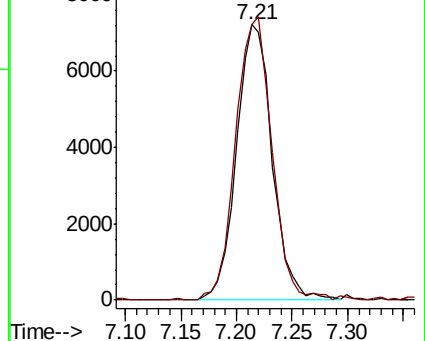
130 100

95 100.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 16.862 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. 0.00 min

Lab File: VX008253.D

Acq: 20 Mar 2019 19:48

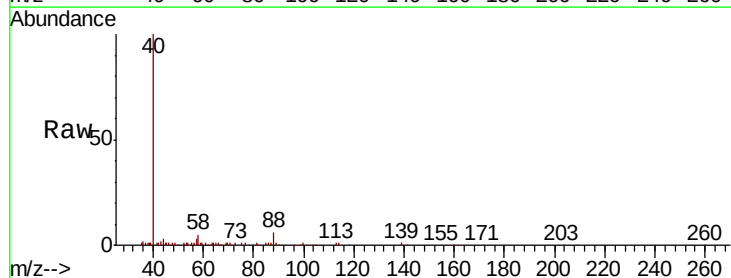
Tgt Ion: 88 Resp: 1870

Ion Ratio Lower Upper

88 100

43 51.0 25.1 37.7#

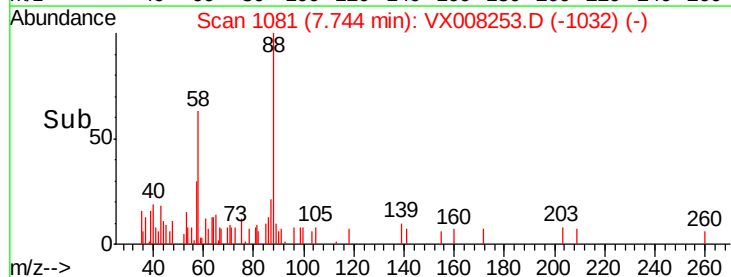
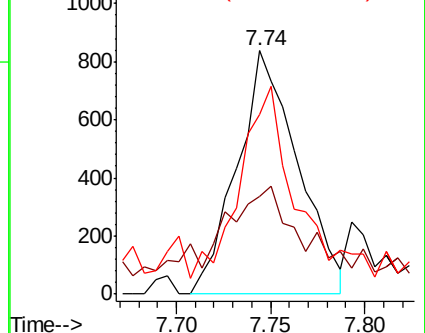
58 74.8 57.8 86.6

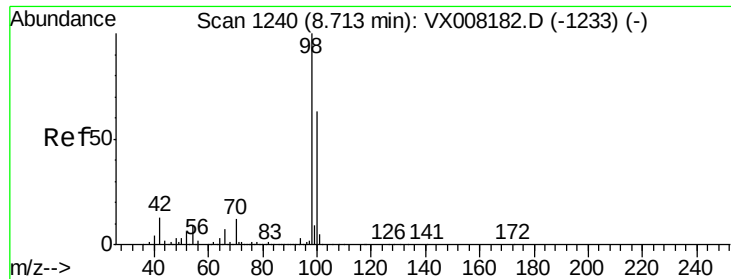


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.584 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008253.D

Acq: 20 Mar 2019 19:48

Instrument :

MSVOA_X

ClientSampleId :

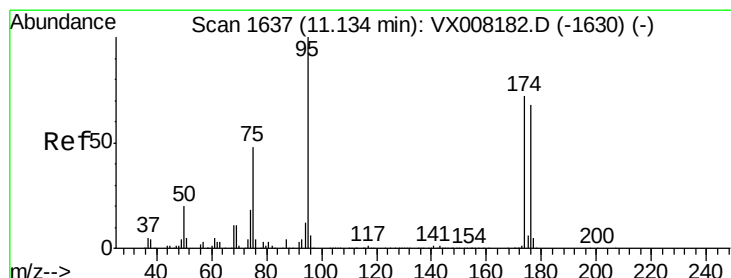
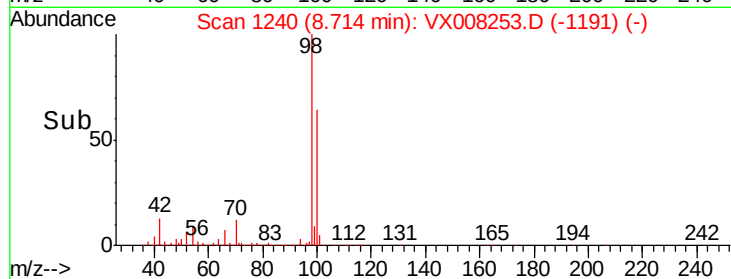
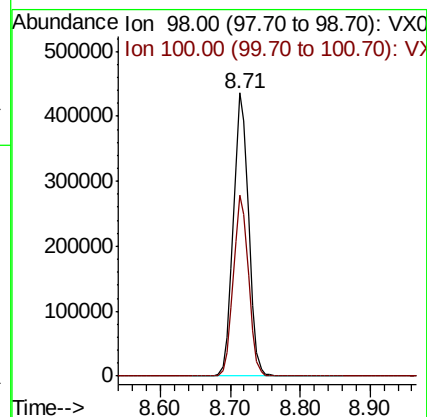
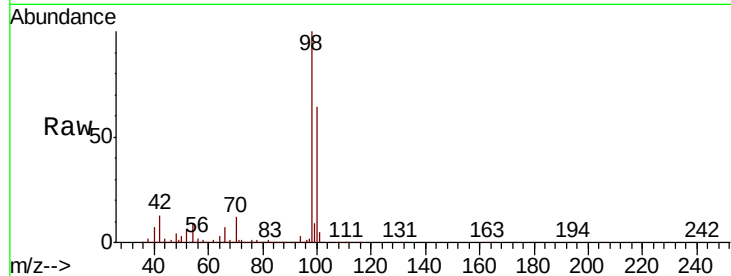
M4-T0-OZ(PRE)

Tot Ion: 98 Resp: 660667

Ion Ratio Lower Upper

98 100

100 63.6 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.335 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008253.D

Acq: 20 Mar 2019 19:48

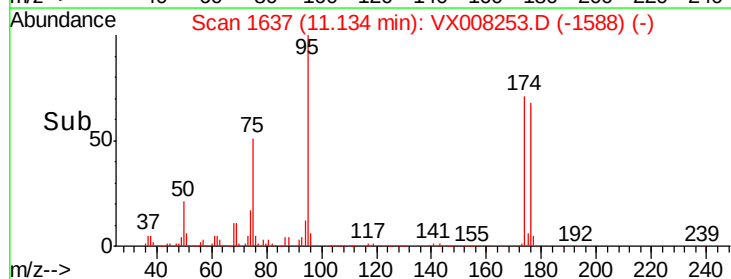
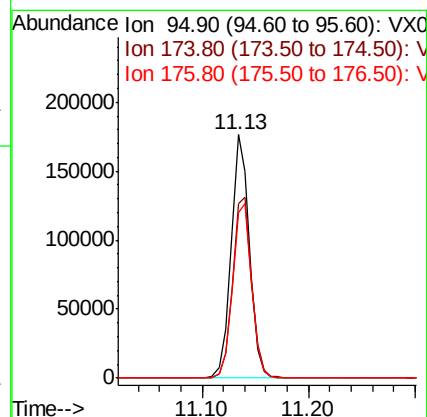
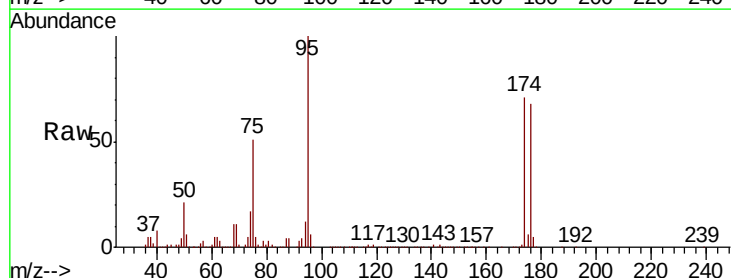
Tgt Ion: 95 Resp: 212271

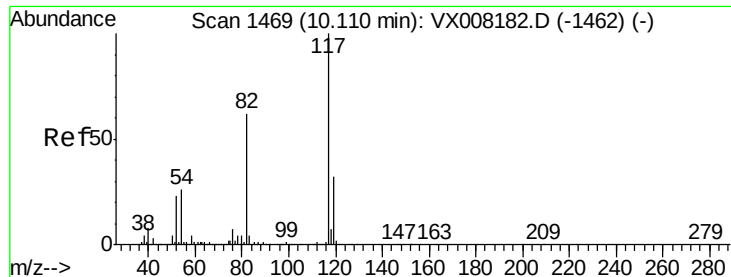
Ion Ratio Lower Upper

95 100

174 77.4 0.0 182.8

176 74.9 0.0 178.0

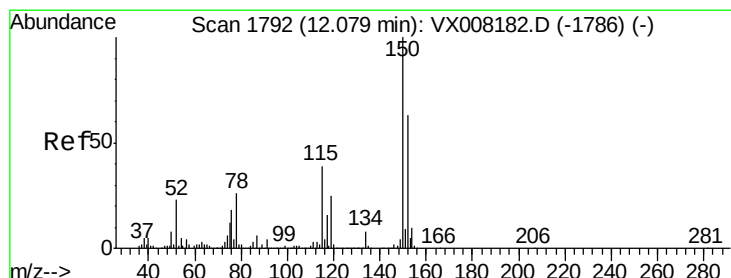
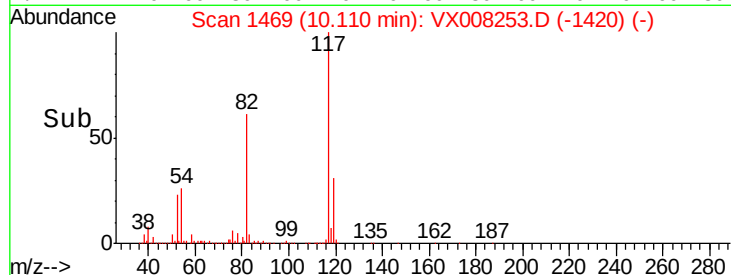
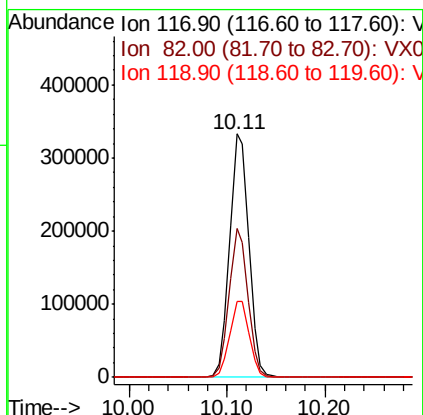
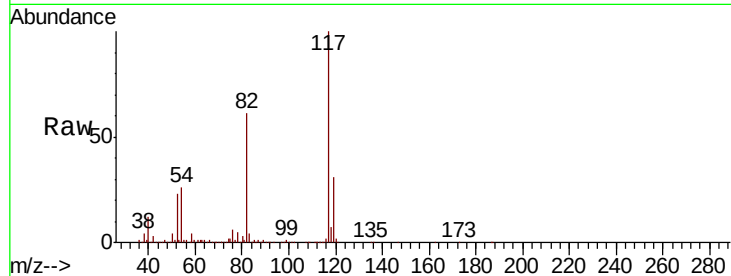




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008253.D
Acq: 20 Mar 2019 19:48

Instrument :
MSVOA_X
ClientSampleId :
M4-T0-OZ(PRE)

Tot Ion:117 Resp: 454521
Ion Ratio Lower Upper
117 100
82 60.9 44.3 66.5
119 31.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008253.D
Acq: 20 Mar 2019 19:48

Tgt Ion:152 Resp: 184472
Ion Ratio Lower Upper
152 100
115 58.3 38.6 115.7
150 155.5 0.0 348.4

