

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006452.D
 Acq On : 12 Dec 2018 18:26
 Operator : JC/MD
 Sample : J6358-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW09-20181211

Quant Time: Dec 13 06:13:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

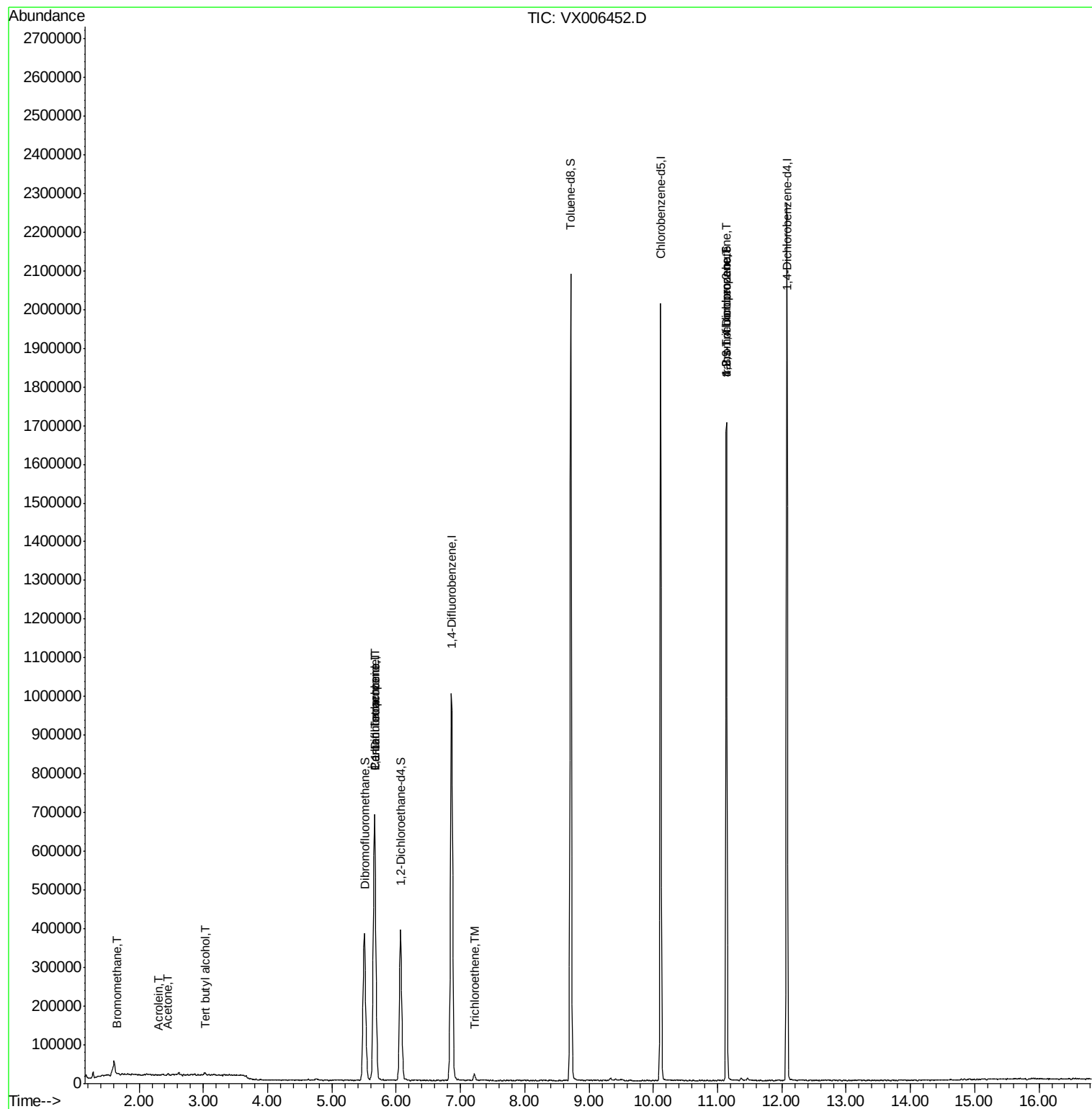
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	704774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1102461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	990878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	474673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	364864	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	5.50	113	329602	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	8.71	98	1288071	49.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	471835	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.65	94	1249	0.236	ug/l #	80
11) Tert butyl alcohol	3.03	59	3982	2.024	ug/l #	83
13) Acrolein	2.30	56	244	0.227	ug/l #	13
16) Acetone	2.45	43	4244	1.257	ug/l	90
36) 1,1-Dichloropropene	5.67	75	45530	4.904	ug/l #	48
38) Carbon Tetrachloride	5.67	117	65103	5.961	ug/l #	16
44) Trichloroethene	7.21	130	6217	0.738	ug/l	97
76) 1,2,3-Trichloropropane	11.13	75	215346	23.504	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	215346	55.158	ug/l #	15

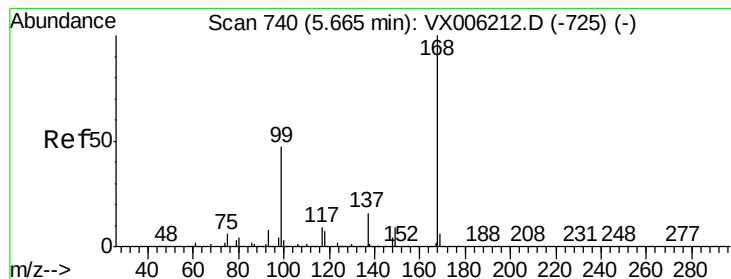
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
Data File : VX006452.D
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Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20181211

Quant Time: Dec 13 06:13:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

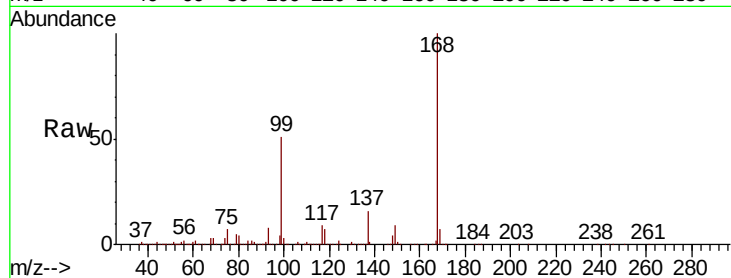
BP-TT-AOC22-MW09-20181211

Tot Ion:168 Resp: 704774

Ion Ratio Lower Upper

168 100

99 51.2 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

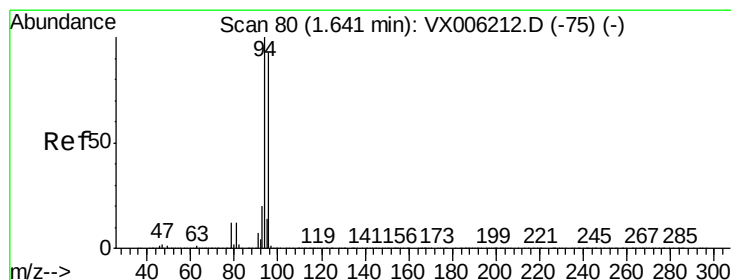
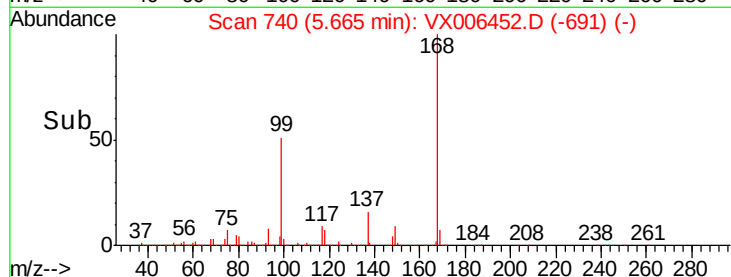
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.236 ug/l

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX006452.D

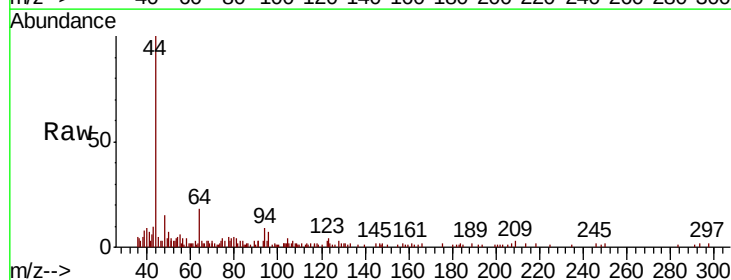
Acq: 12 Dec 2018 18:26

Tgt Ion: 94 Resp: 1249

Ion Ratio Lower Upper

94 100

96 73.6 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

600

500

400

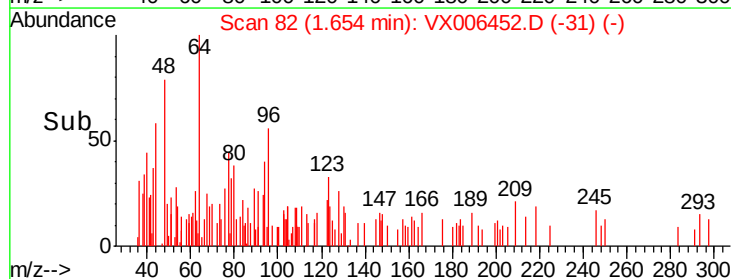
300

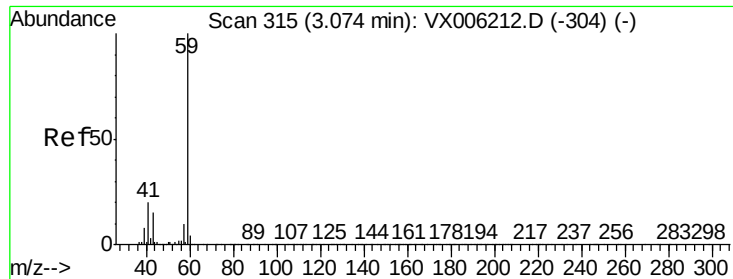
200

100

0

Time-->



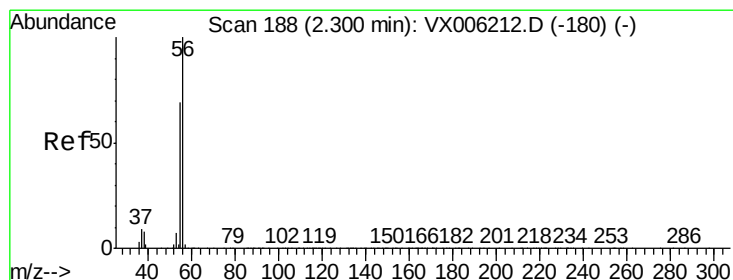
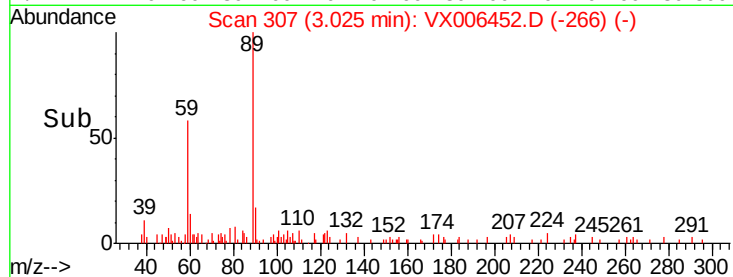
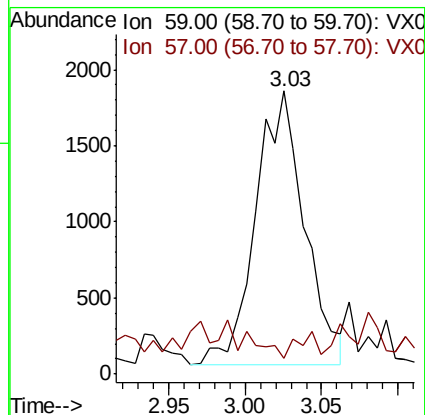
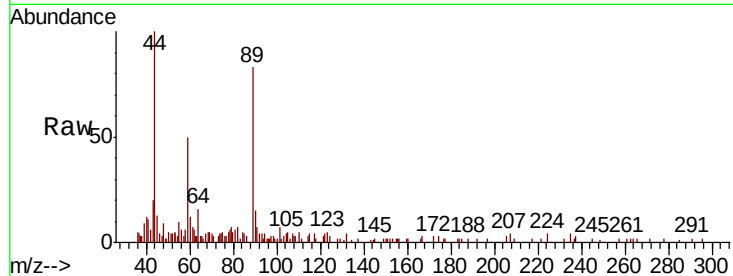


#11

Tert butyl alcohol
Concen: 2.024 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006452.D
Acq: 12 Dec 2018 18:26

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20181211

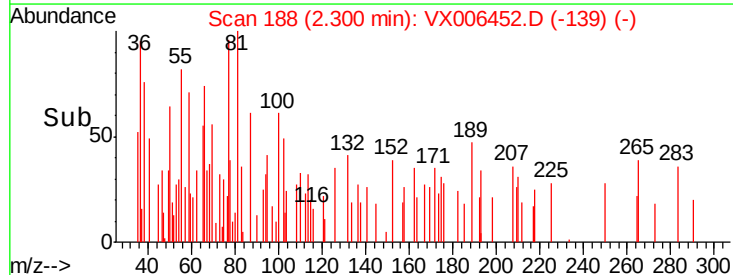
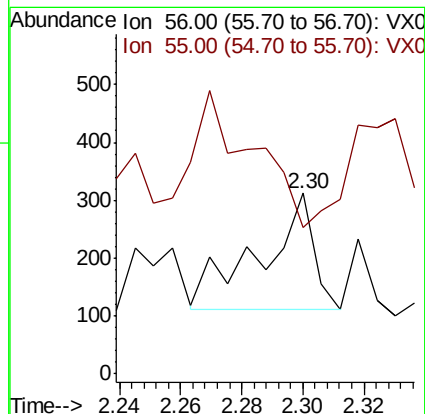
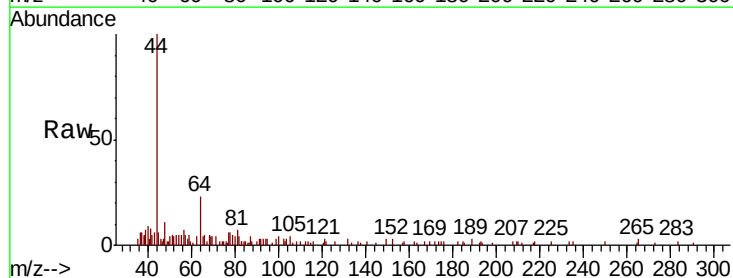
Tot Ion: 59 Resp: 3982
Ion Ratio Lower Upper
59 100
57 3.8 8.2 12.2#

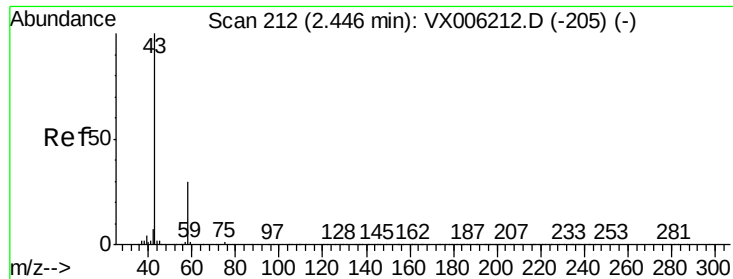


#13

Acrolein
Concen: 0.227 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006452.D
Acq: 12 Dec 2018 18:26

Tgt Ion: 56 Resp: 244
Ion Ratio Lower Upper
56 100
55 0.0 57.8 86.6#

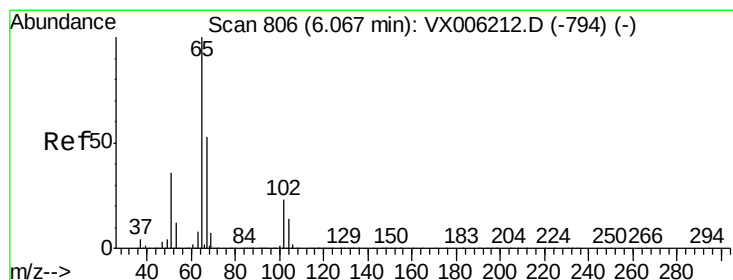
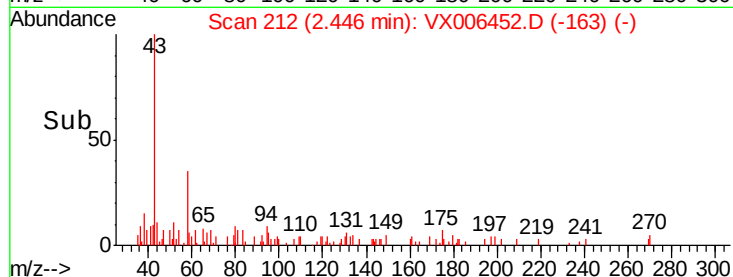
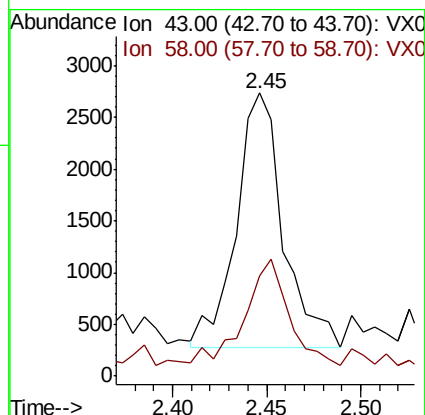
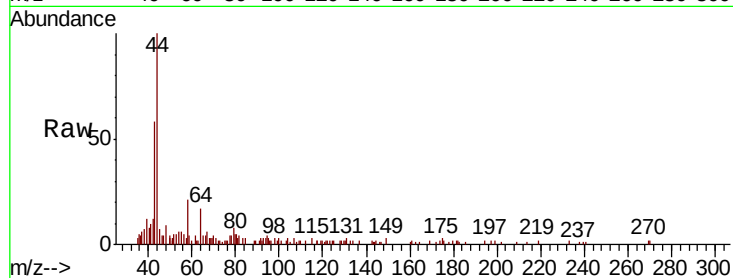




#16
Acetone
Concen: 1.257 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006452.D
Acq: 12 Dec 2018 18:26

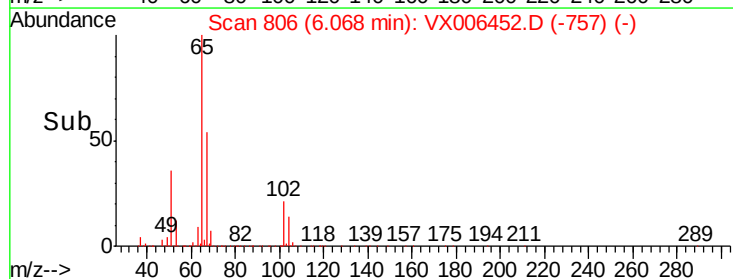
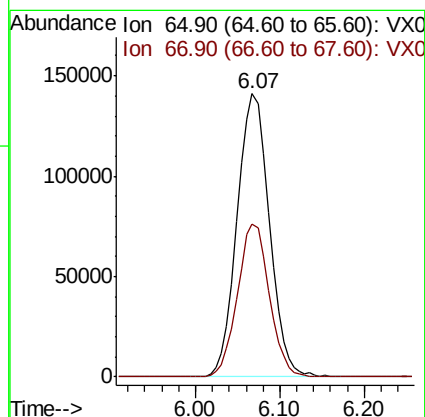
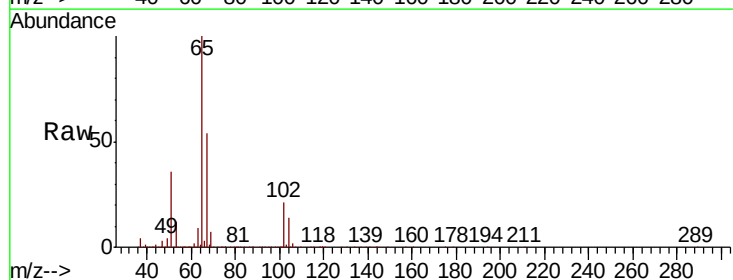
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-AOC22-MW09-20181211

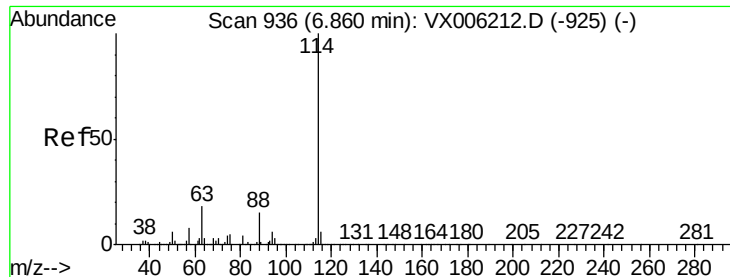
Tot Ion: 43 Resp: 4244
Ion Ratio Lower Upper
43 100
58 35.2 24.0 36.0



#33
1,2-Dichloroethane-d4
Concen: 50.713 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006452.D
Acq: 12 Dec 2018 18:26

Tgt Ion: 65 Resp: 364864
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20181211

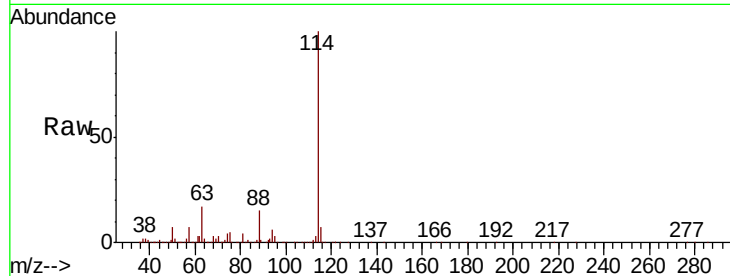
Tot Ion:114 Resp: 1102461

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

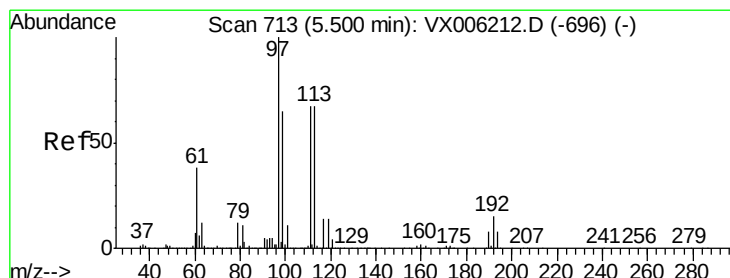
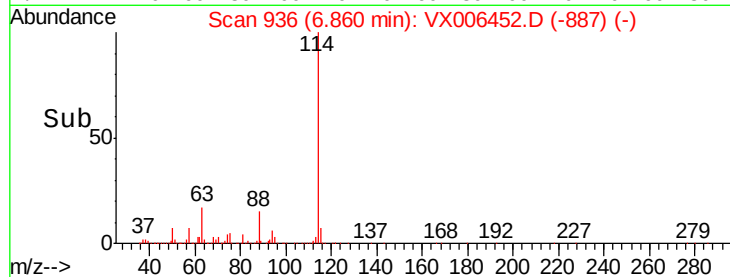
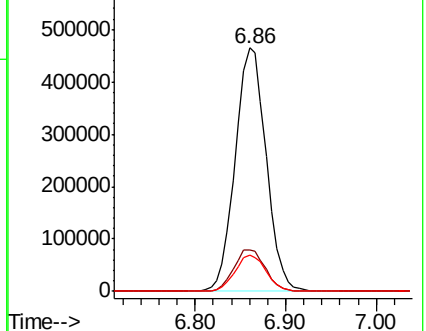
88 14.7 0.0 29.0



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: 46.176 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

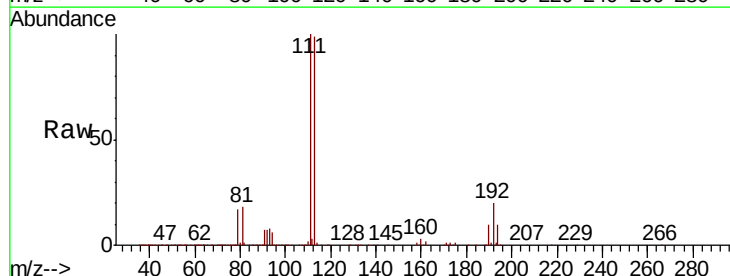
Tgt Ion:113 Resp: 329602

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

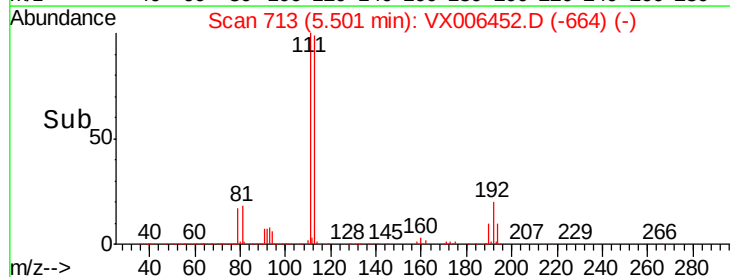
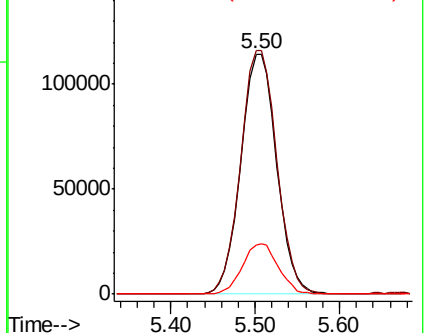
192 21.0 18.2 27.2

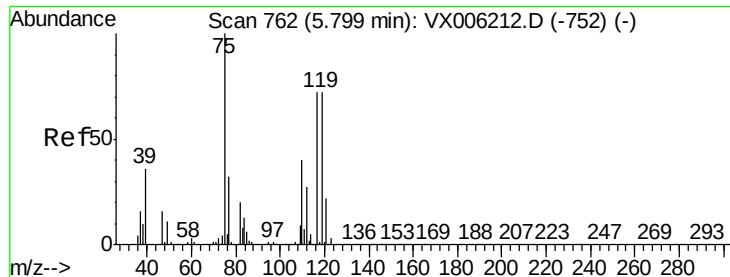


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

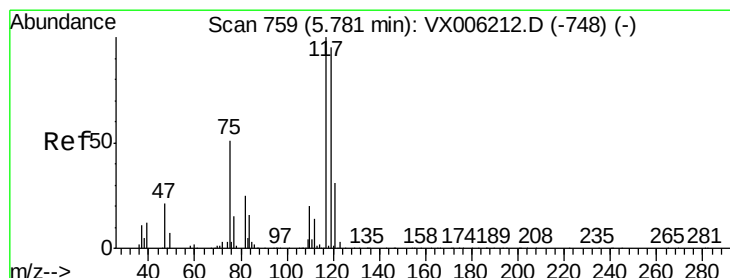
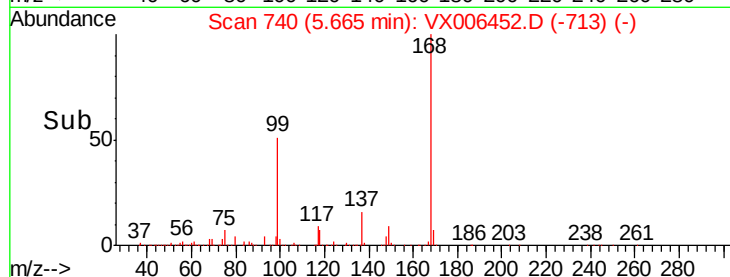
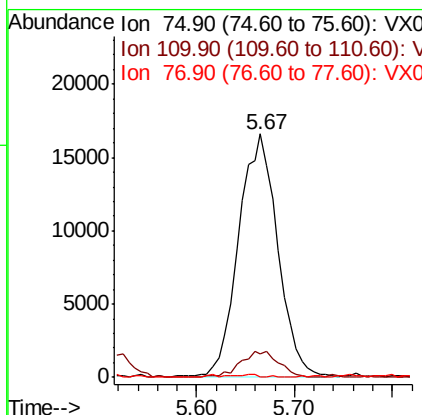
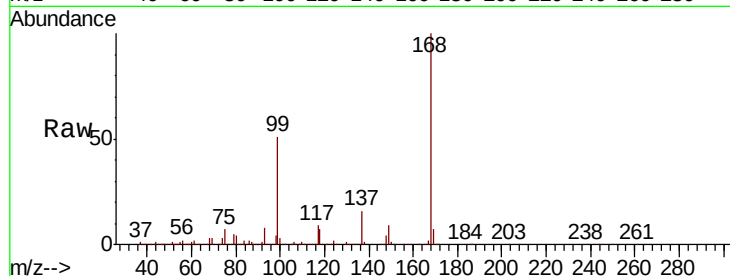




#36
 1,1-Dichloropropene
 Concen: 4.904 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006452.D
 Acq: 12 Dec 2018 18:26

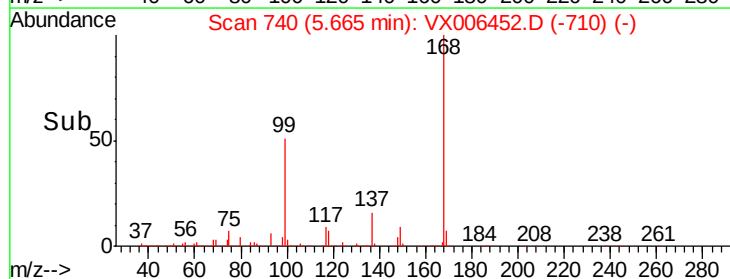
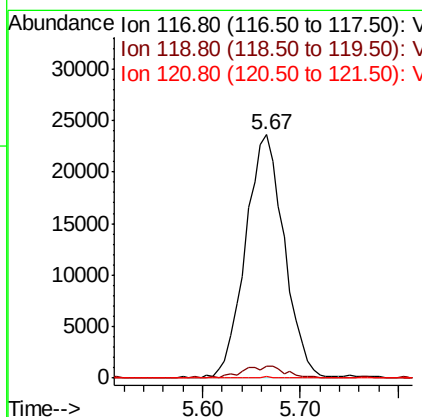
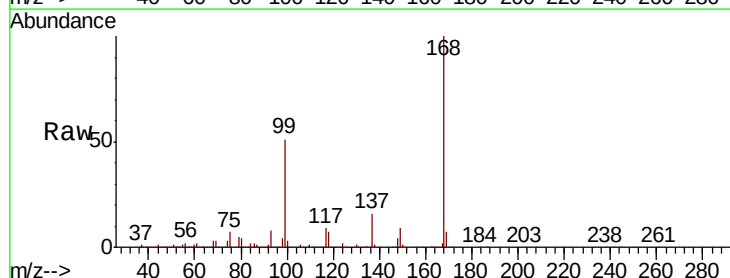
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-AOC22-MW09-20181211

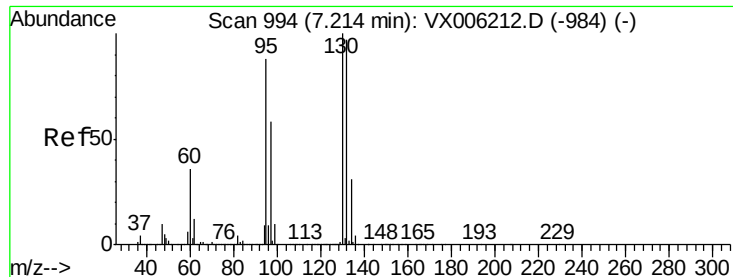
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.7	20.4	61.3#
77	0.2	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 5.961 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006452.D
 Acq: 12 Dec 2018 18:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.7	75.8	113.8#
121	0.8	24.6	37.0#





#44

Trichloroethene

Concen: 0.738 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

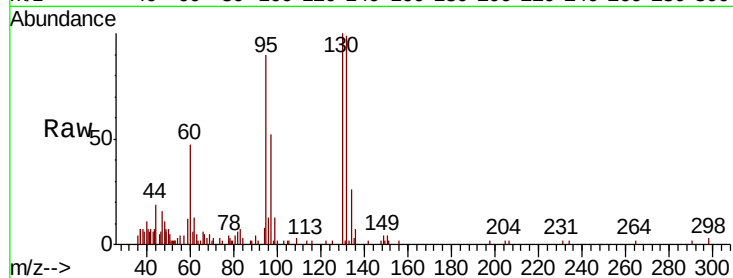
BP-TT-AOC22-MW09-20181211

Tot Ion:130 Resp: 6217

Ion Ratio Lower Upper

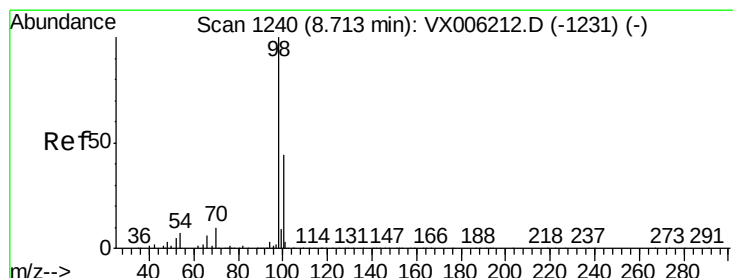
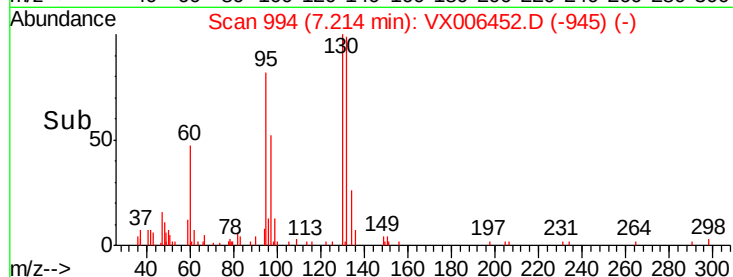
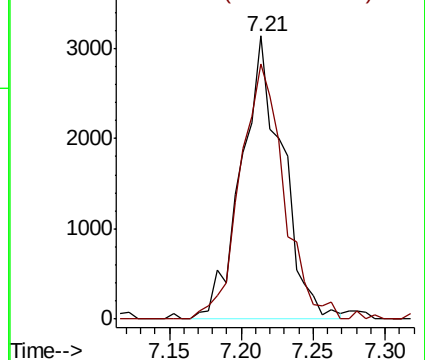
130 100

95 90.3 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.610 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006452.D

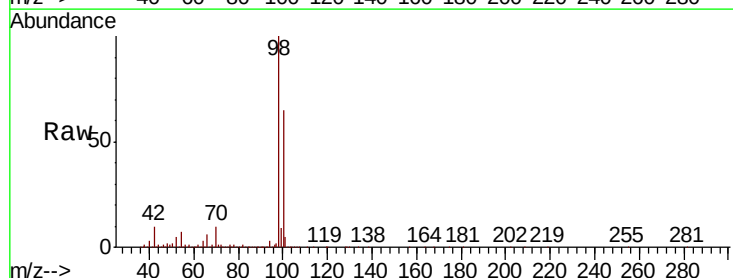
Acq: 12 Dec 2018 18:26

Tgt Ion: 98 Resp: 1288071

Ion Ratio Lower Upper

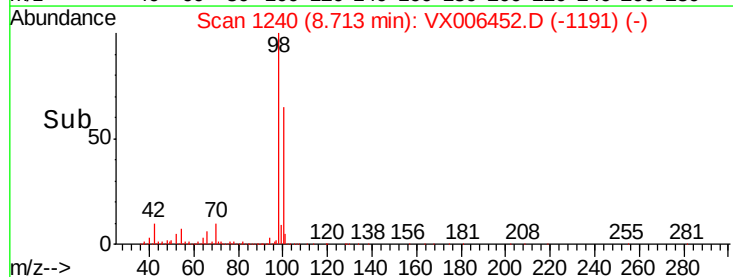
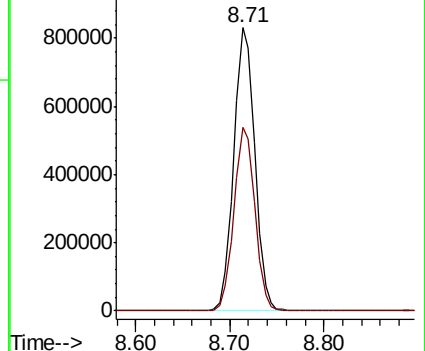
98 100

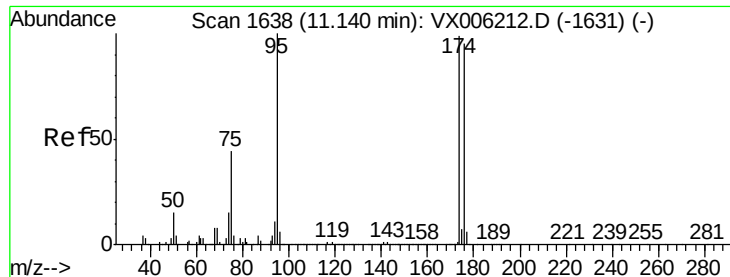
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.225 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20181211

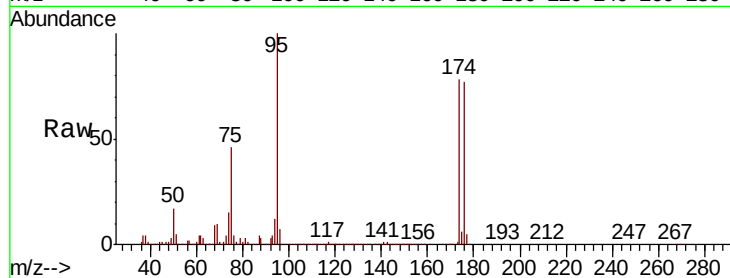
Tot Ion: 95 Resp: 471835

Ion Ratio Lower Upper

95 100

174 86.5 0.0 187.0

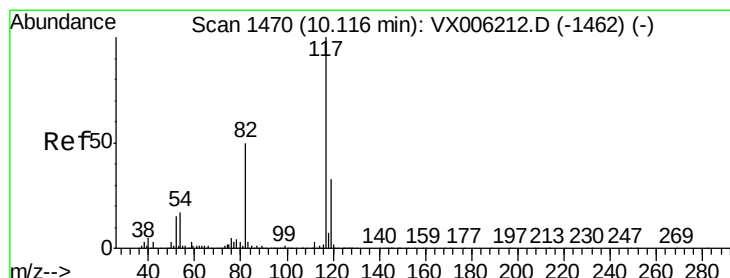
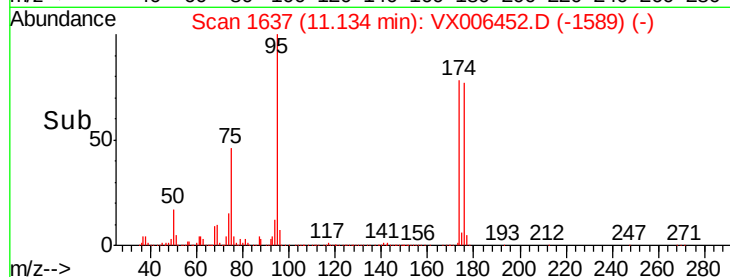
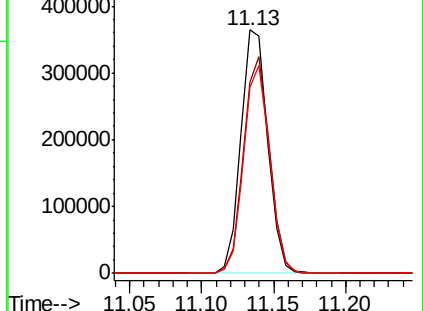
176 83.0 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

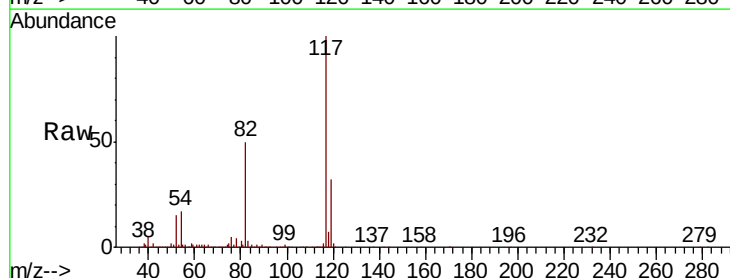
Tgt Ion: 117 Resp: 990878

Ion Ratio Lower Upper

117 100

82 50.1 39.6 59.4

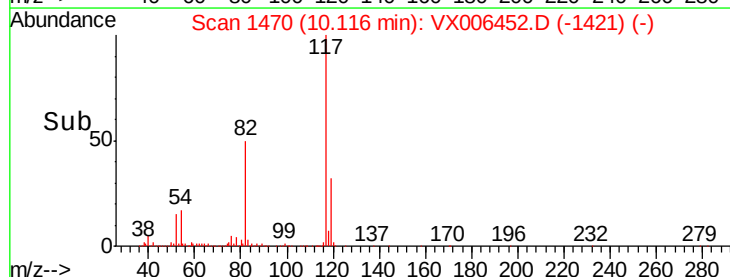
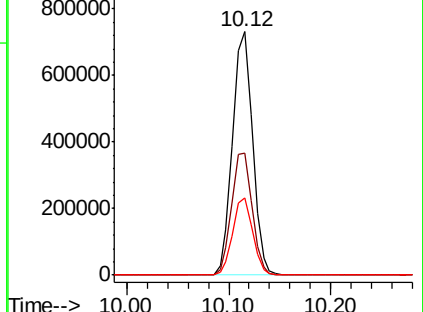
119 31.9 26.3 39.5

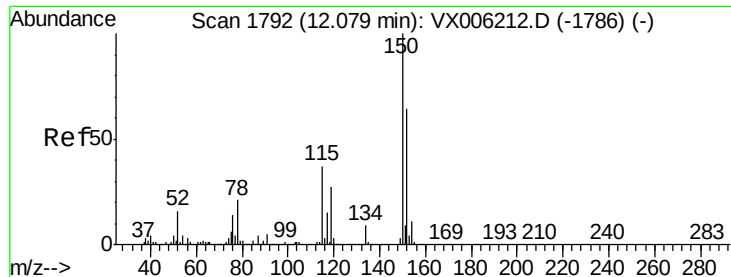


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20181211

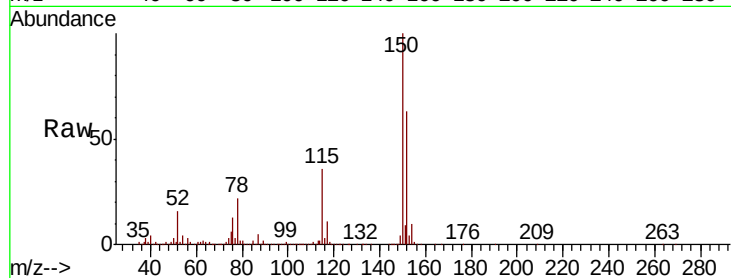
Tot Ion:152 Resp: 474673

Ion Ratio Lower Upper

152 100

115 57.3 39.0 116.9

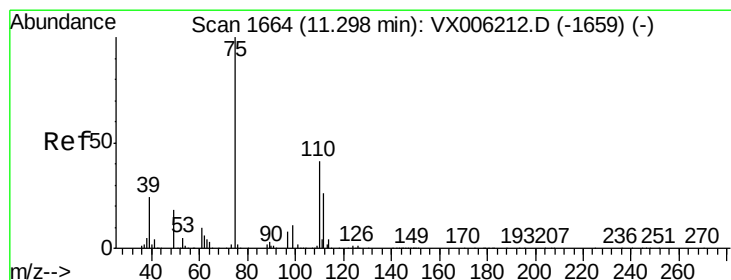
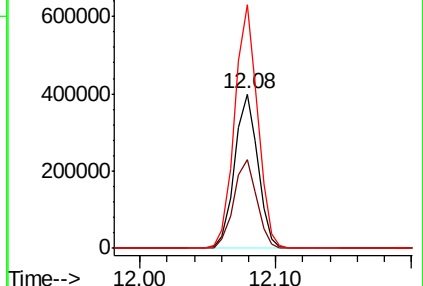
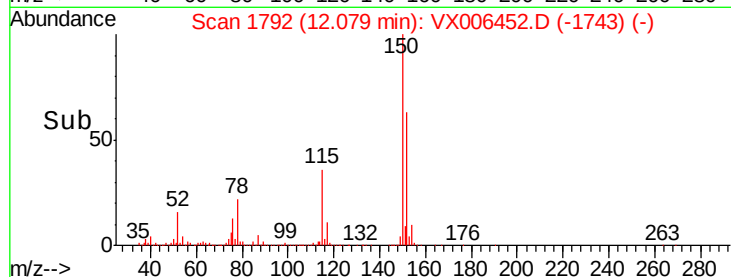
150 155.8 0.0 345.8



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



#76

1,2,3-Trichloropropane

Concen: 23.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006452.D

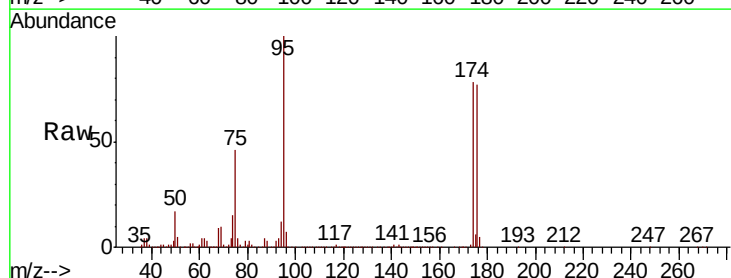
Acq: 12 Dec 2018 18:26

Tgt Ion: 75 Resp: 215346

Ion Ratio Lower Upper

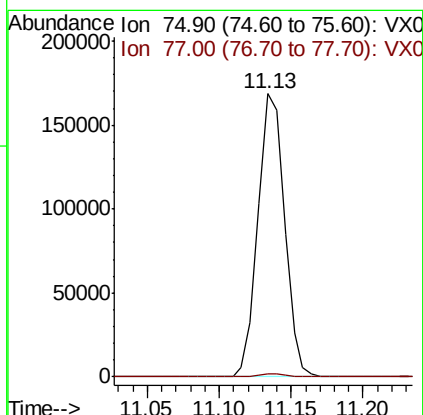
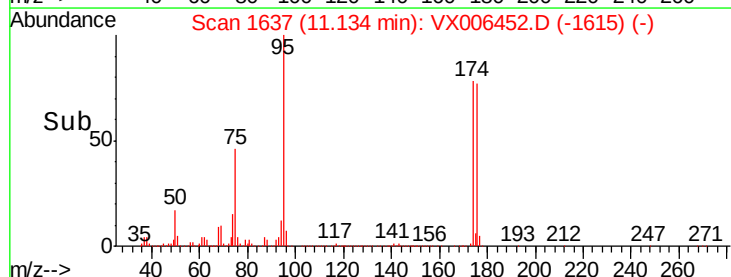
75 100

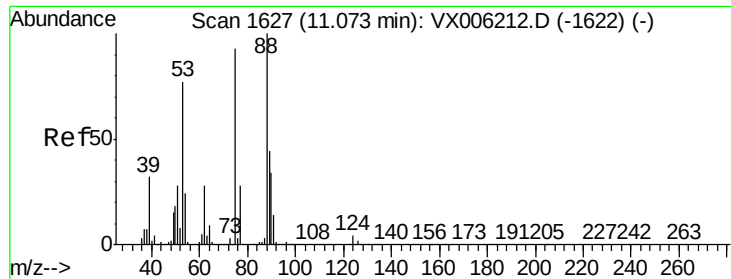
77 1.1 19.9 59.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.158 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006452.D

Acq: 12 Dec 2018 18:26

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-AOC22-MW09-20181211

Tot Ion: 75 Resp: 215346

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

