

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006453.D
 Acq On : 12 Dec 2018 18:52
 Operator : JC/MD
 Sample : J6358-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MH-SW4001-20181211

Quant Time: Dec 13 06:13:23 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

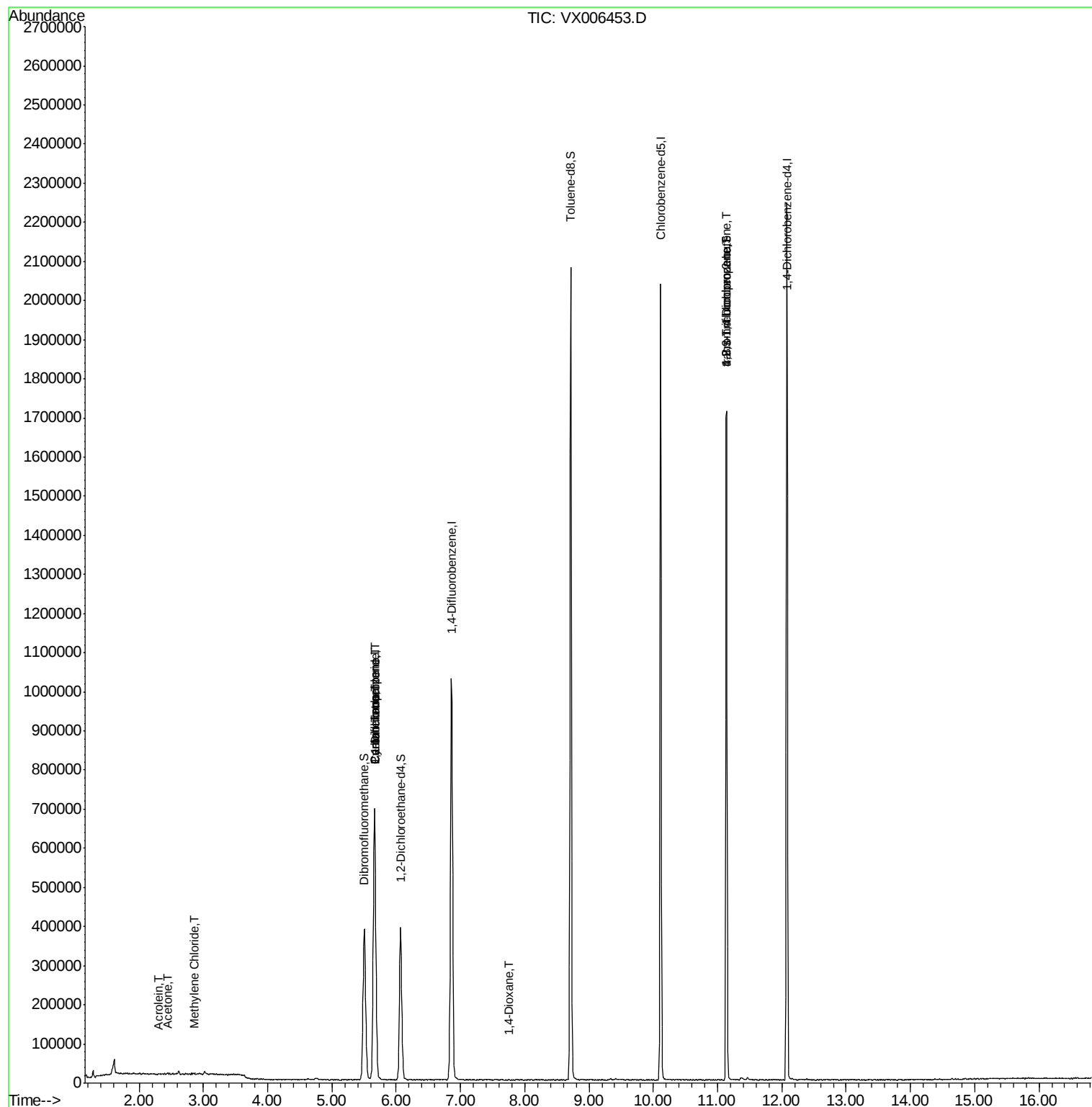
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	703113	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1103648	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	990943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	473432	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	366724	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	5.50	113	332030	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
50) Toluene-d8	8.71	98	1282301	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	473188	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
Target Compounds						
					Qvalue	
13) Acrolein	2.29	56	318	0.296	ug/l #	13
16) Acetone	2.45	43	5277	1.567	ug/l #	88
20) Methylene Chloride	2.86	84	1673	0.233	ug/l #	69
31) Cyclohexane	5.66	56	11042	1.065	ug/l #	12
36) 1,1-Dichloropropene	5.67	75	45782	4.926	ug/l #	48
38) Carbon Tetrachloride	5.67	117	65853	6.023	ug/l #	16
49) 1,4-Dioxane	7.76	88	342	1.644	ug/l #	34
76) 1,2,3-Trichloropropane	11.13	75	217086	23.756	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	217086	55.750	ug/l #	15

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

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Quant Time: Dec 13 06:13:23 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: VX006453.D

Acq: 12 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

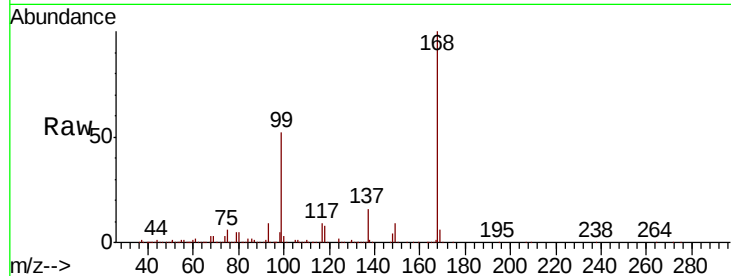
BP-MH-SW4001-20181211

Tot Ion:168 Resp: 703113

Ion Ratio Lower Upper

168 100

99 52.2 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

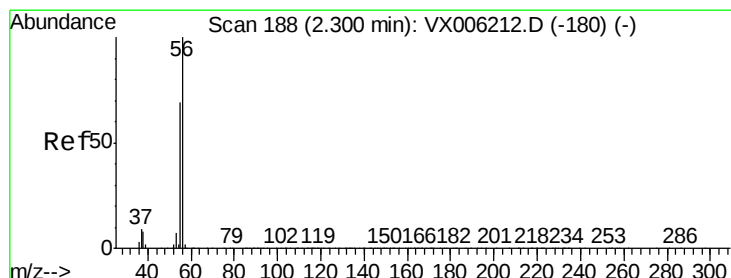
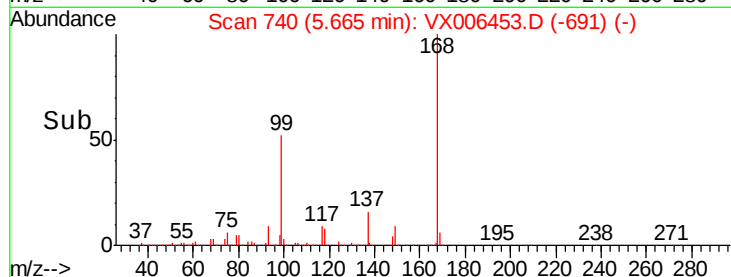
150000

100000

50000

0

Time-->



#13

Acrolein

Concen: 0.296 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX006453.D

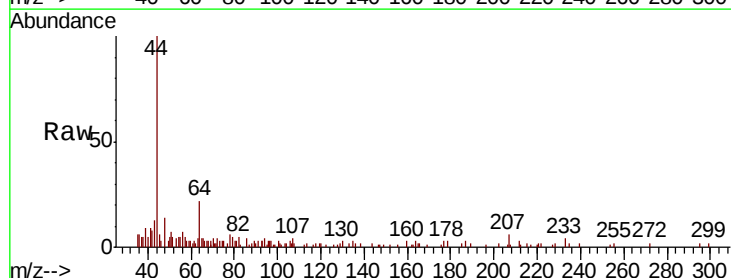
Acq: 12 Dec 2018 18:52

Tgt Ion: 56 Resp: 318

Ion Ratio Lower Upper

56 100

55 0.0 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

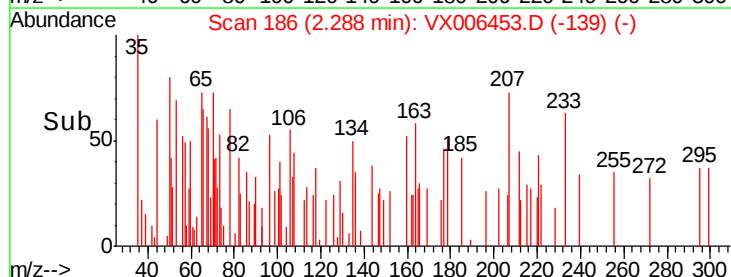
600

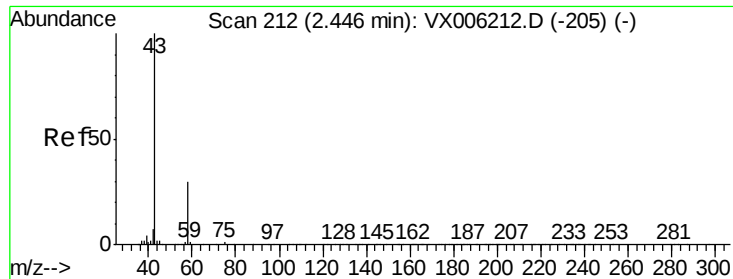
400

200

0

Time-->

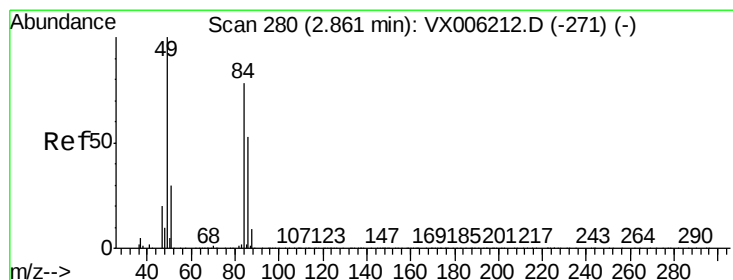
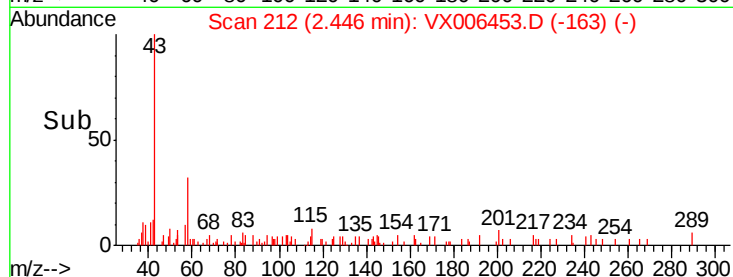
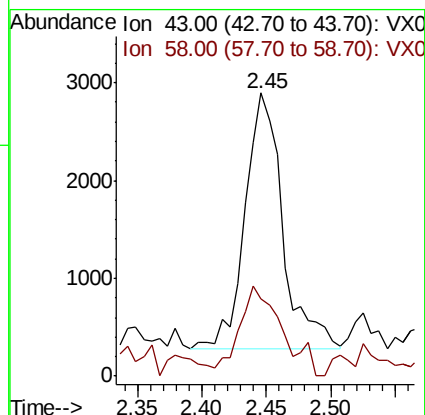
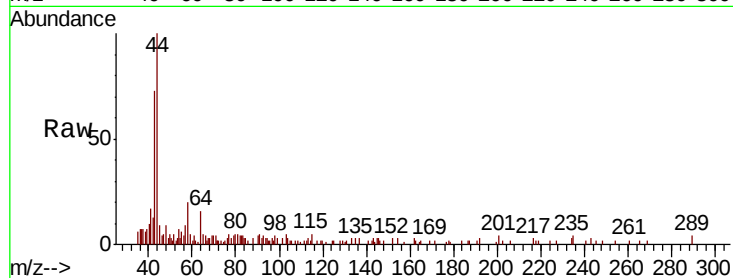




#16
Acetone
Concen: 1.567 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006453.D
Acq: 12 Dec 2018 18:52

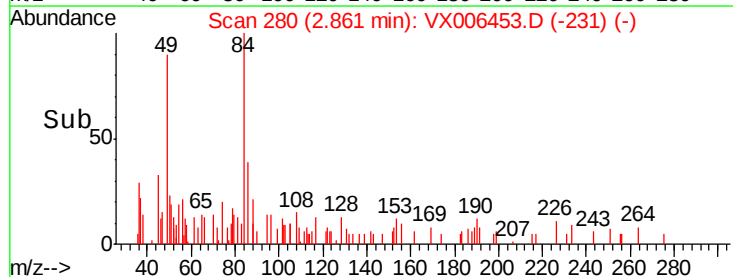
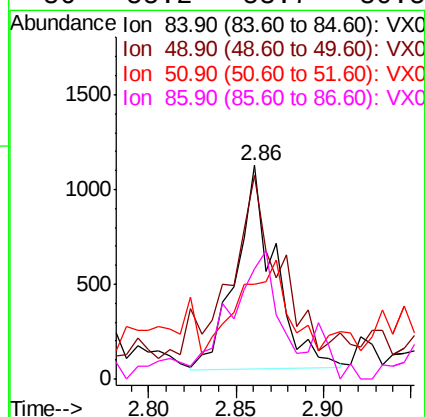
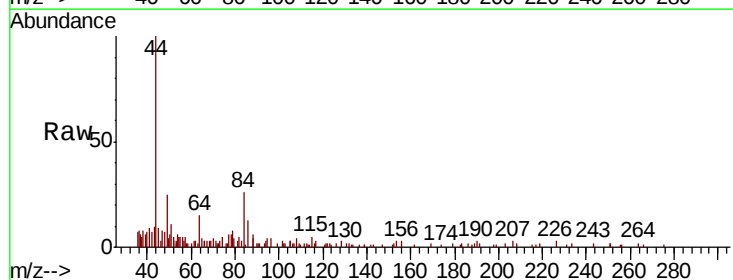
Instrument :
MSVOA_X
ClientSampleId :
BP-MH-SW4001-20181211

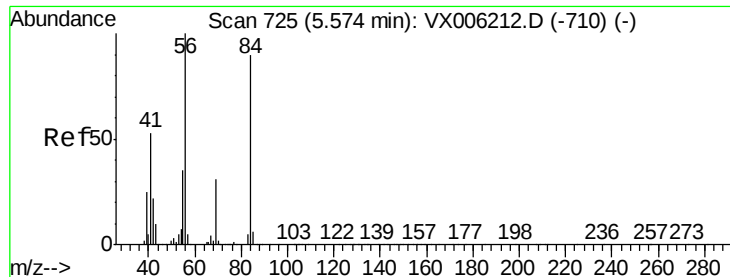
Tot Ion: 43 Resp: 5277
Ion Ratio Lower Upper
43 100
58 23.7 24.0 36.0#



#20
Methylene Chloride
Concen: 0.233 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006453.D
Acq: 12 Dec 2018 18:52

Tgt Ion: 84 Resp: 1673
Ion Ratio Lower Upper
84 100
49 79.8 102.2 153.4#
51 23.9 31.1 46.7#
86 55.2 53.7 80.5

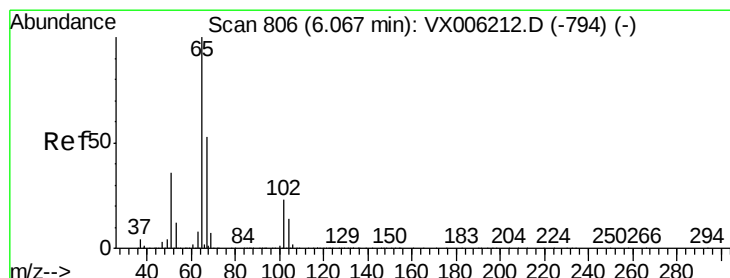
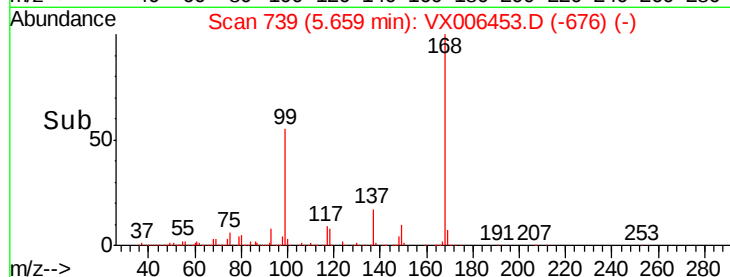
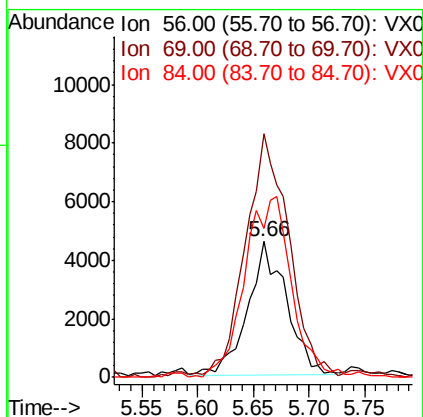
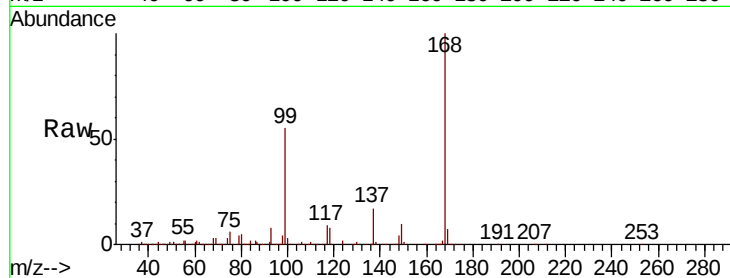




#31
Cyclohexane
Concen: 1.065 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006453.D
Acq: 12 Dec 2018 18:52

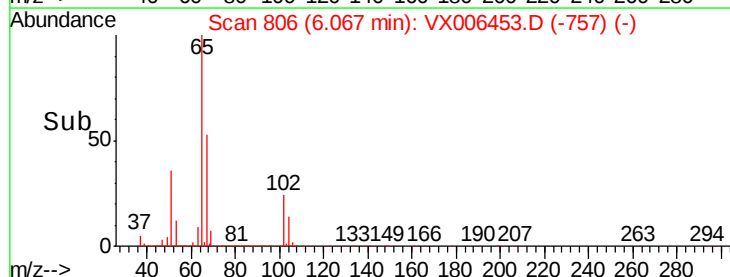
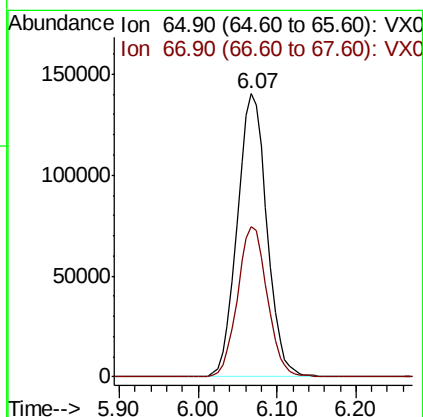
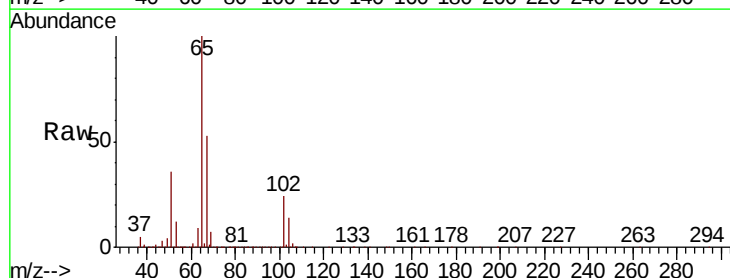
Instrument :
MSVOA_X
ClientSampleId :
BP-MH-SW4001-20181211

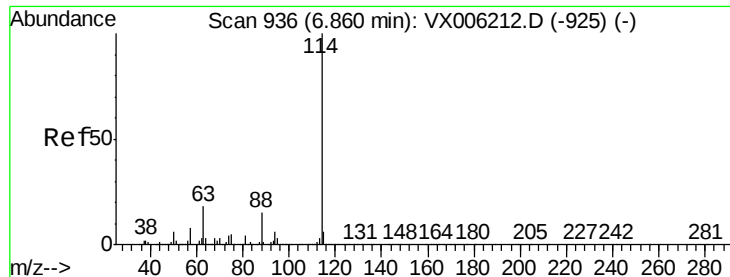
Tot Ion: 56 Resp: 11042
Ion Ratio Lower Upper
56 100
69 182.0 24.5 36.7#
84 111.8 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 51.092 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006453.D
Acq: 12 Dec 2018 18:52

Tgt Ion: 65 Resp: 366724
Ion Ratio Lower Upper
65 100
67 53.4 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: VX006453.D

Acq: 12 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20181211

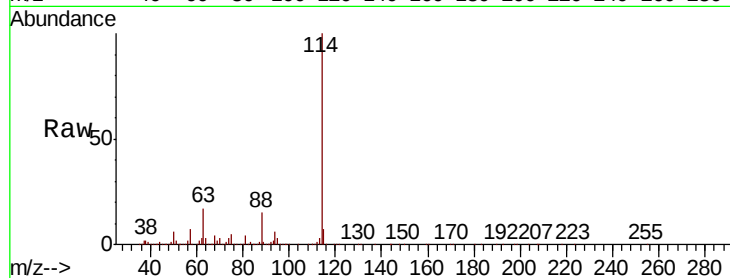
Tot Ion:114 Resp: 1103648

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

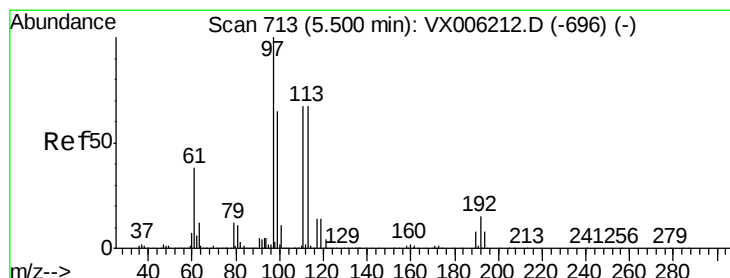
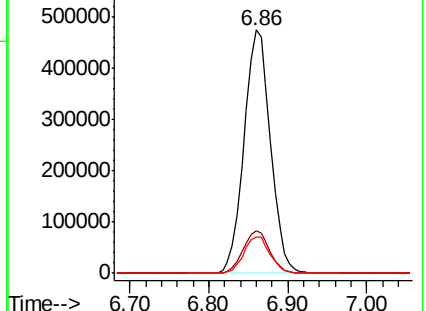
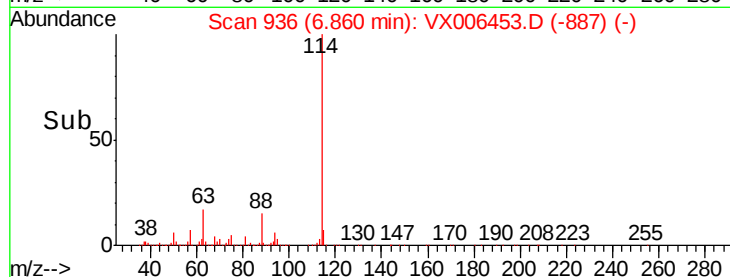
88 14.9 0.0 29.0



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: 46.466 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006453.D

Acq: 12 Dec 2018 18:52

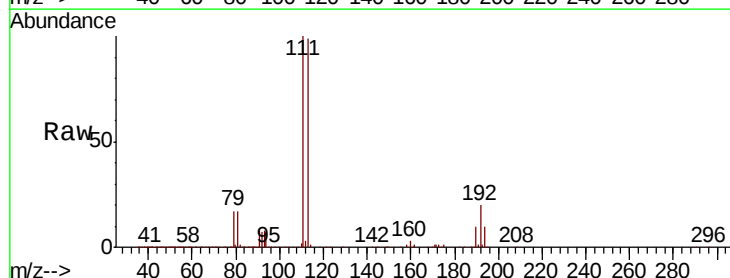
Tgt Ion:113 Resp: 332030

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

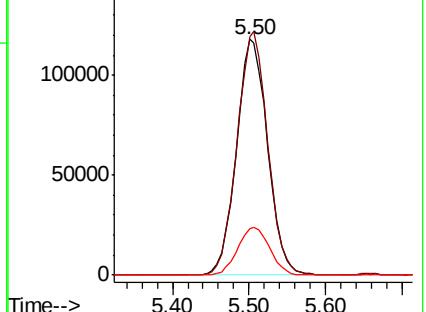
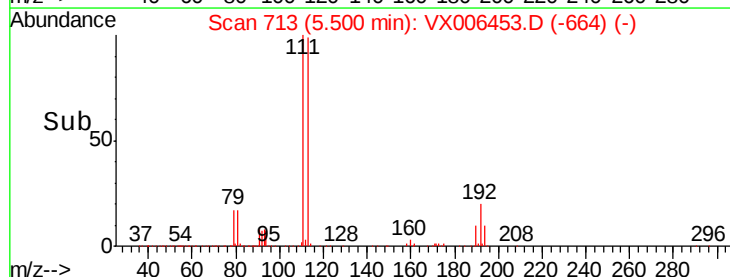
192 21.0 18.2 27.2

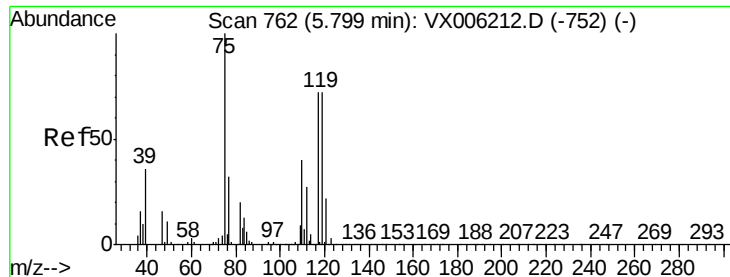


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

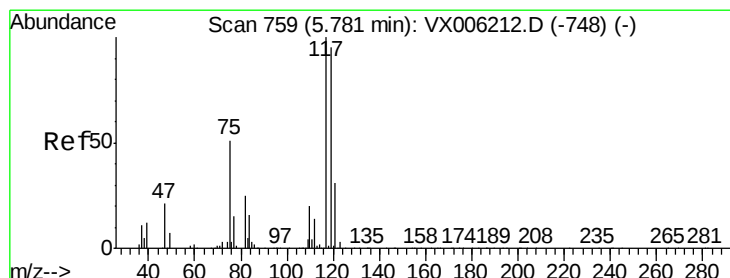
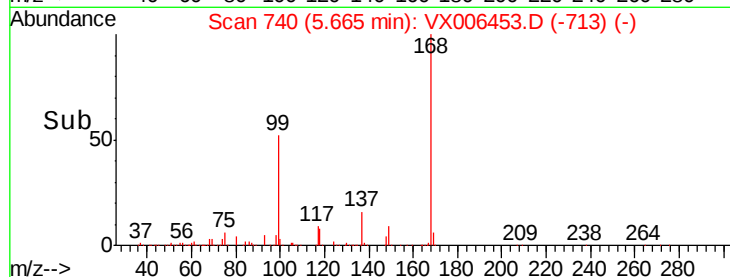
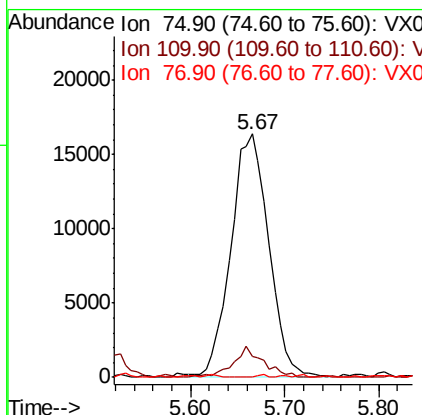
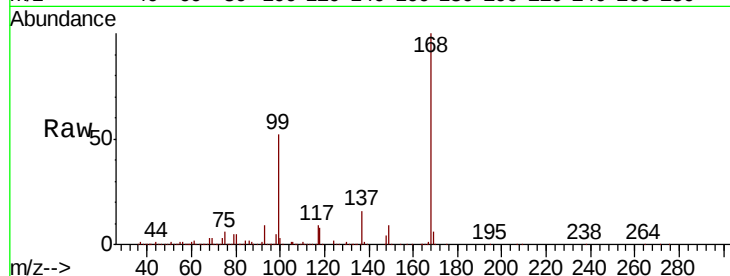




#36
 1,1-Dichloropropene
 Concen: 4.926 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX006453.D
 Acq: 12 Dec 2018 18:52

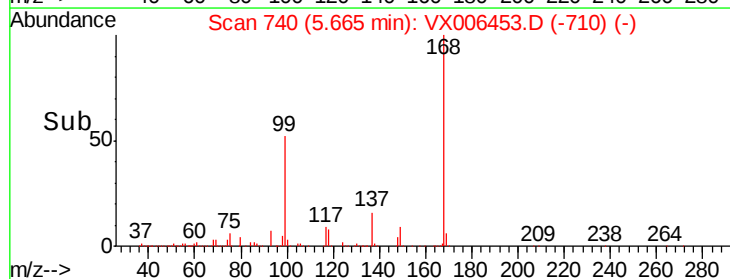
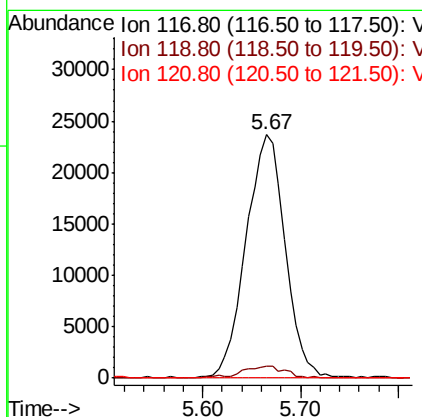
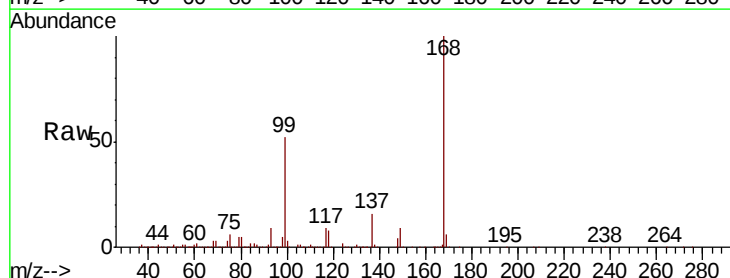
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-MH-SW4001-20181211

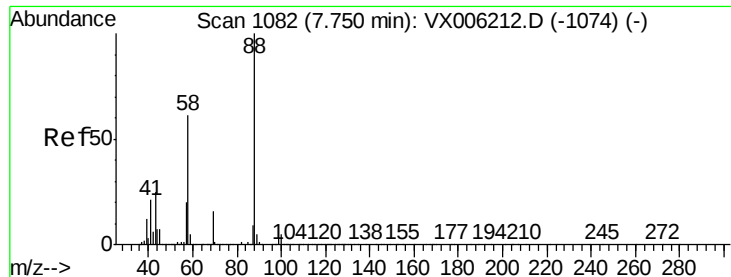
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.2	20.4	61.3#
77	0.4	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.023 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006453.D
 Acq: 12 Dec 2018 18:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.8	113.8#
121	0.0	24.6	37.0#





#49

1,4-Dioxane

Concen: 1.644 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VX006453.D

Acq: 12 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20181211

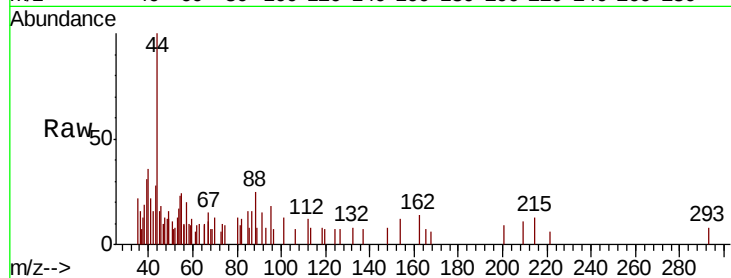
Tot Ion: 88 Resp: 342

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

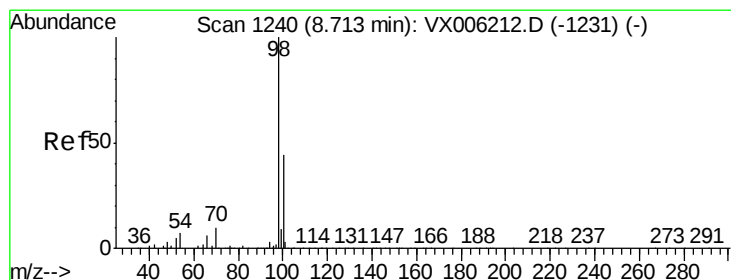
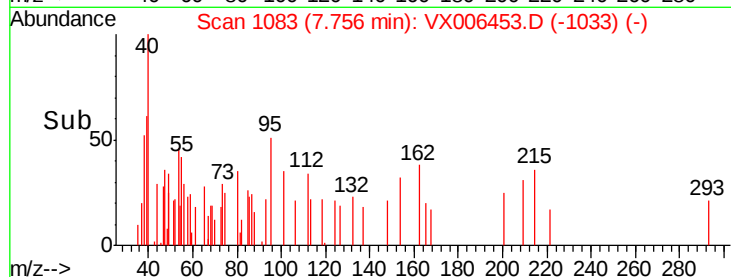
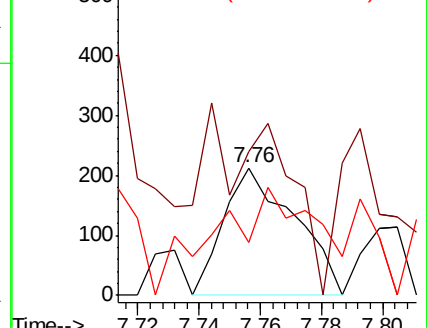
58 120.2 51.4 77.0#



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: 49.335 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006453.D

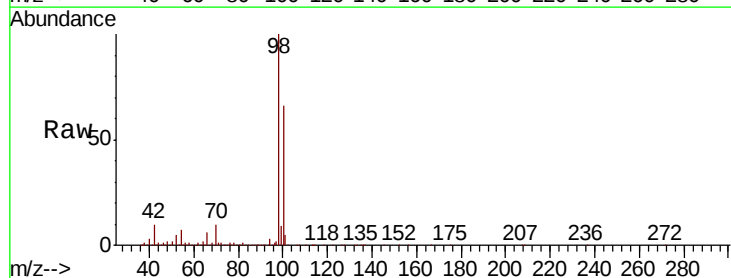
Acq: 12 Dec 2018 18:52

Tgt Ion: 98 Resp: 1282301

Ion Ratio Lower Upper

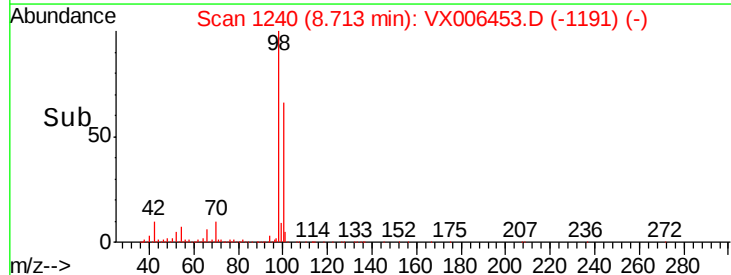
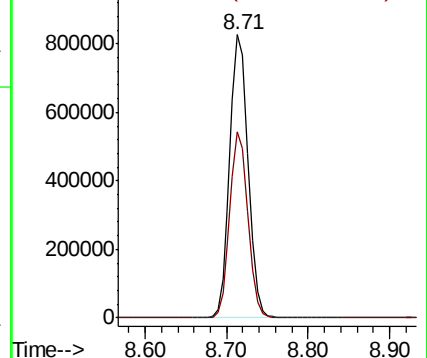
98 100

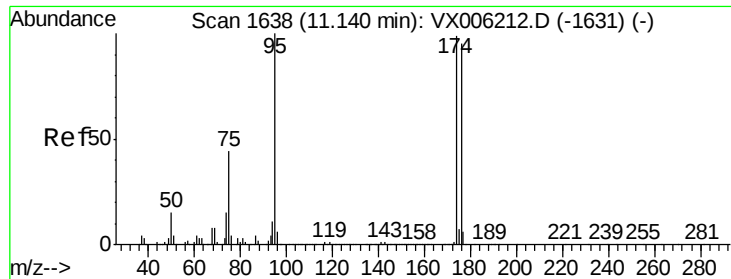
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.312 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006453.D

Acq: 12 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20181211

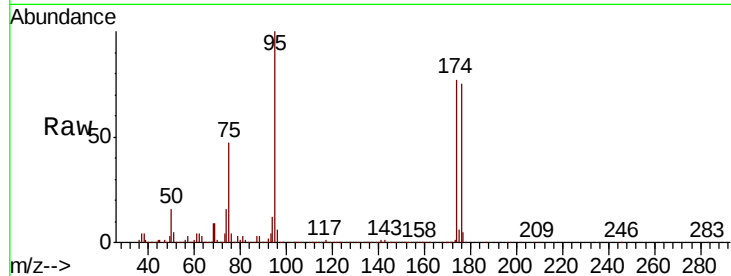
Tot Ion: 95 Resp: 473188

Ion Ratio Lower Upper

95 100

174 85.5 0.0 187.0

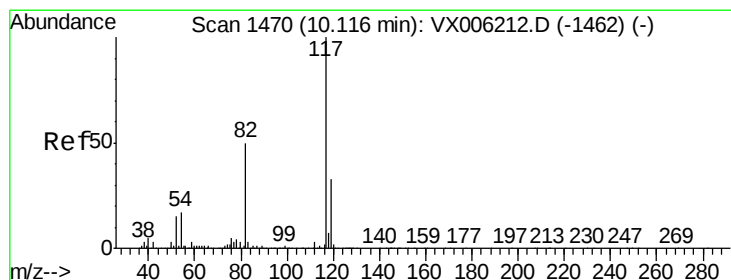
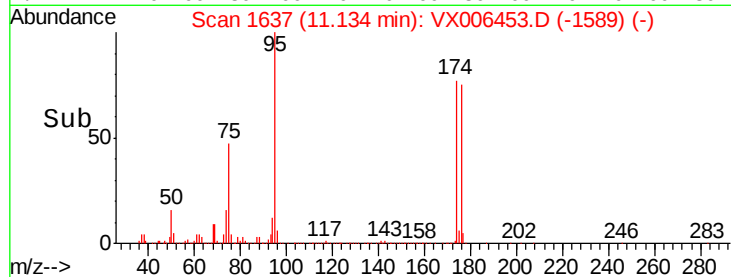
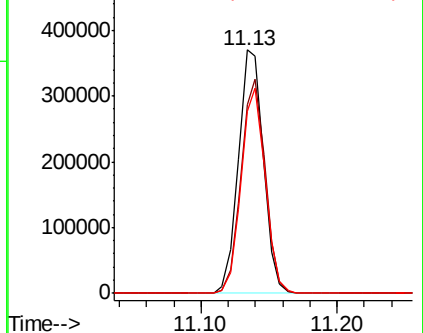
176 81.9 0.0 181.8



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: VX006453.D

Acq: 12 Dec 2018 18:52

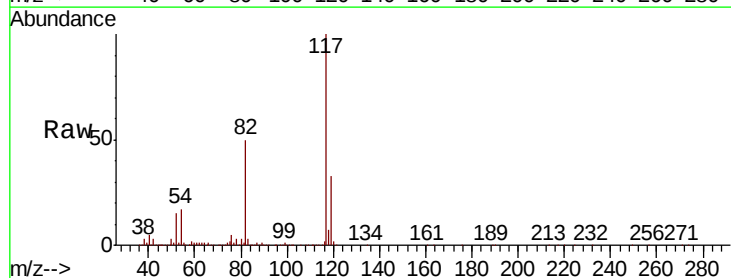
Tgt Ion: 117 Resp: 990943

Ion Ratio Lower Upper

117 100

82 50.3 39.6 59.4

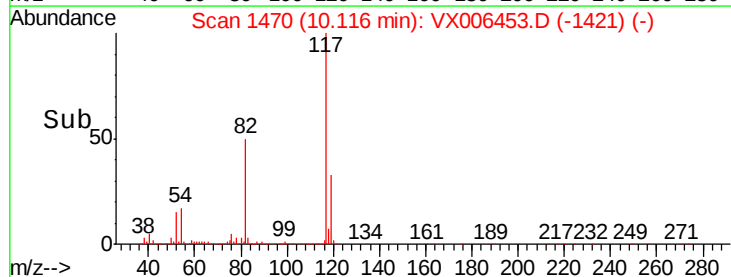
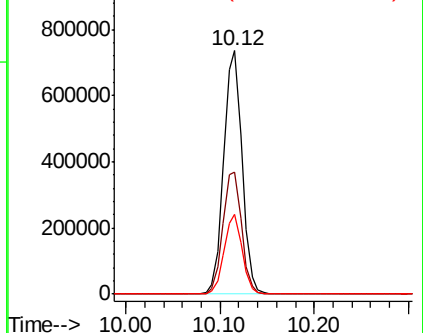
119 32.5 26.3 39.5

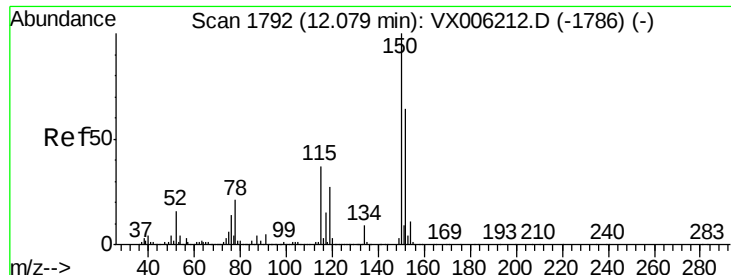


Abundance Ion 116.90 (116.60 to 117.60): VX0

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: VX006453.D

Acq: 12 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20181211

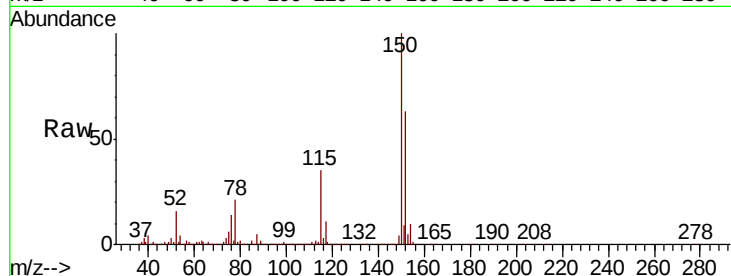
Tot Ion:152 Resp: 473432

Ion Ratio Lower Upper

152 100

115 56.3 39.0 116.9

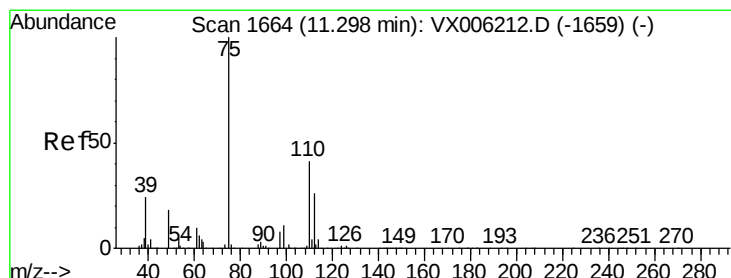
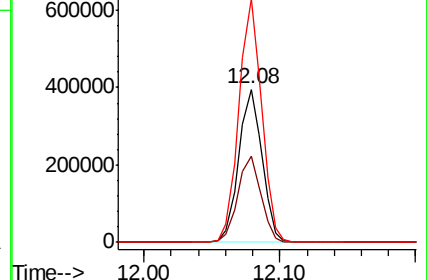
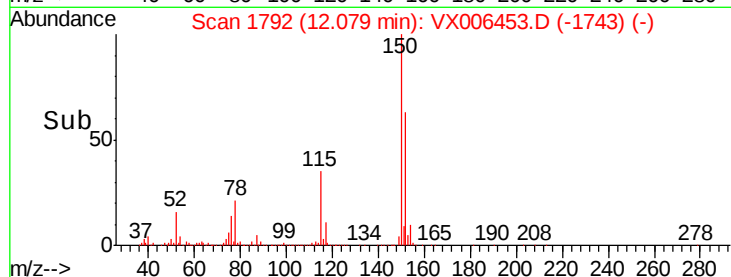
150 155.5 0.0 345.8



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: 23.756 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006453.D

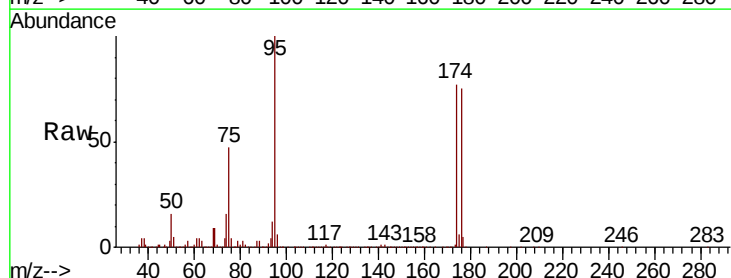
Acq: 12 Dec 2018 18:52

Tgt Ion: 75 Resp: 217086

Ion Ratio Lower Upper

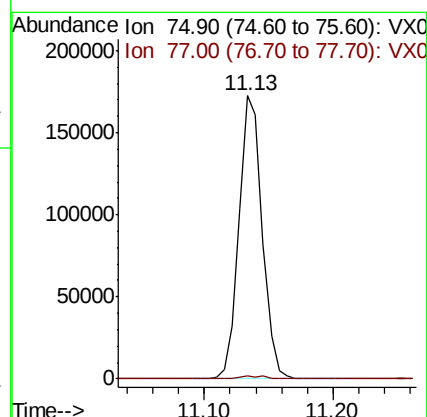
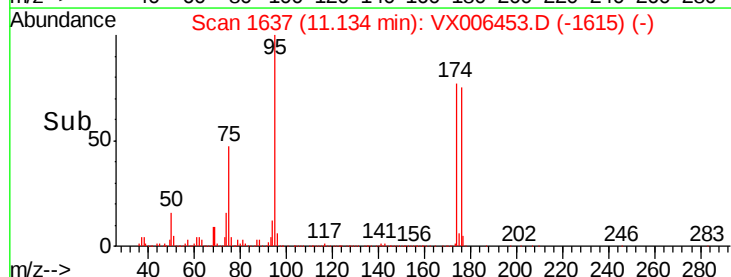
75 100

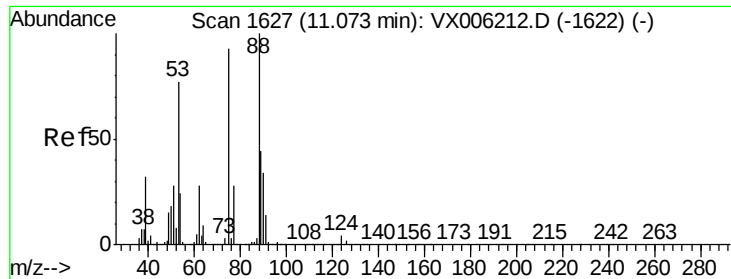
77 1.4 19.9 59.7#



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: 55.750 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006453.D

Acq: 12 Dec 2018 18:52

Instrument :

MSVOA_X

ClientSampleId :

BP-MH-SW4001-20181211

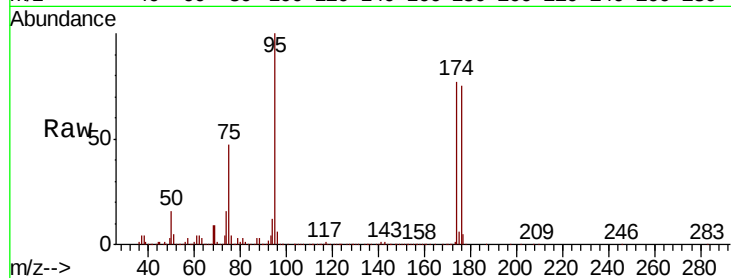
Tot Ion: 75 Resp: 217086

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.0 44.2 66.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

