

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006389.D
 Acq On : 11 Dec 2018 00:38
 Operator : JC/MD
 Sample : J6314-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TB04-20181206

Quant Time: Dec 11 04:58:41 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	729541	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1122320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1005930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	477253	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	373307	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	5.51	113	345782	47.59	ug/l	0.00
Spiked Amount			Recovery	=	95.18%	
50) Toluene-d8	8.71	98	1303928	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	481166	48.31	ug/l	0.00
Spiked Amount			Recovery	=	96.62%	

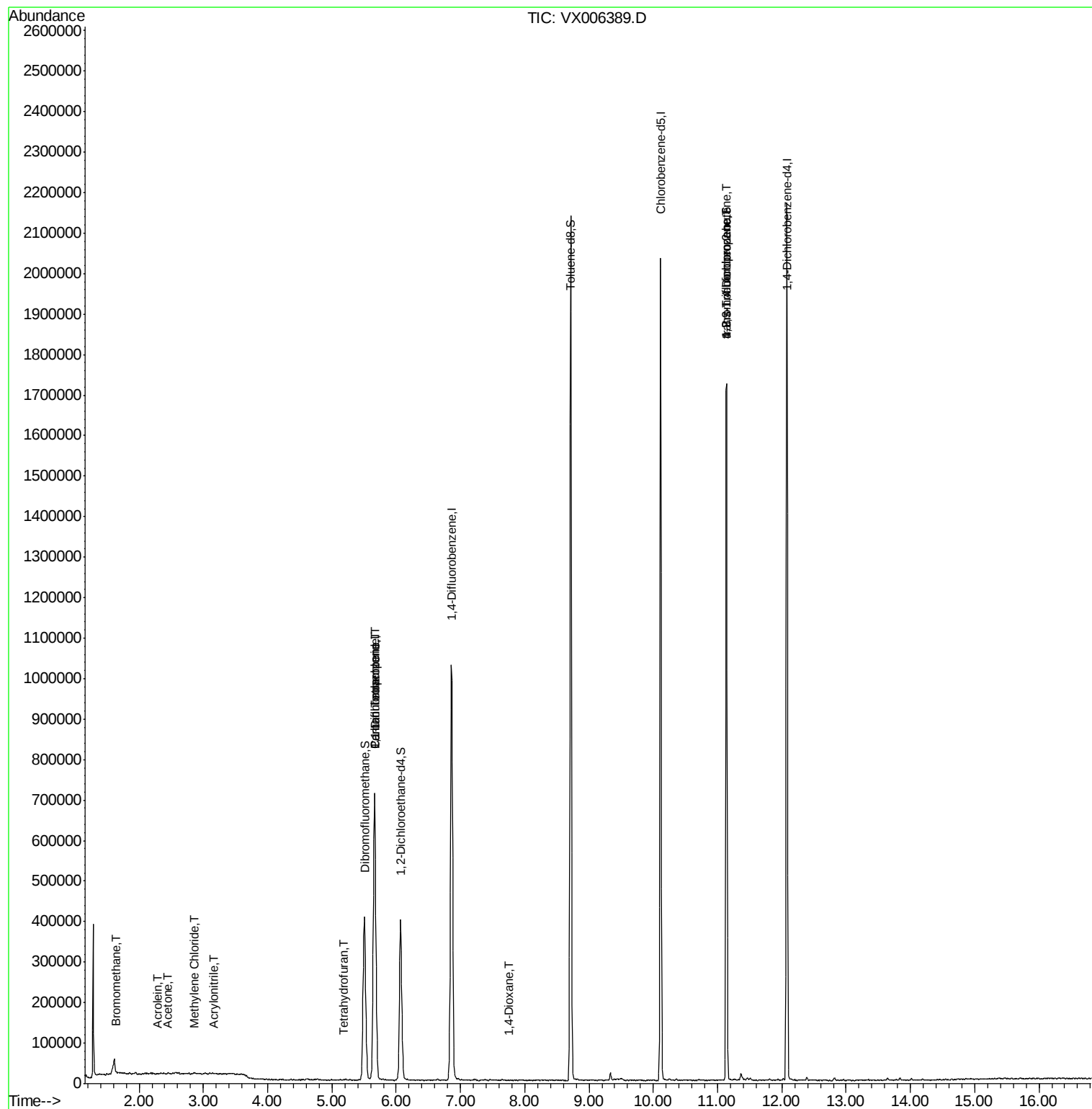
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	2286	0.418	ug/l #	56
13) Acrolein	2.29	56	248	0.223	ug/l #	1
15) Acrylonitrile	3.17	53	1084	0.255	ug/l #	28
16) Acetone	2.45	43	1897	0.543	ug/l	96
20) Methylene Chloride	2.86	84	1510	0.203	ug/l #	73
29) Tetrahydrofuran	5.18	42	731	0.211	ug/l #	61
36) 1,1-Dichloropropene	5.67	75	46158	4.884	ug/l #	48
38) Carbon Tetrachloride	5.67	117	66859	6.013	ug/l #	16
49) 1,4-Dioxane	7.75	88	95	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	217172	23.576	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	217172	55.325	ug/l #	15

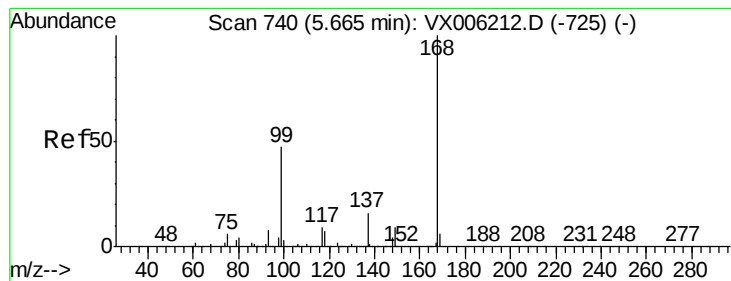
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
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Quant Time: Dec 11 04:58:41 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: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

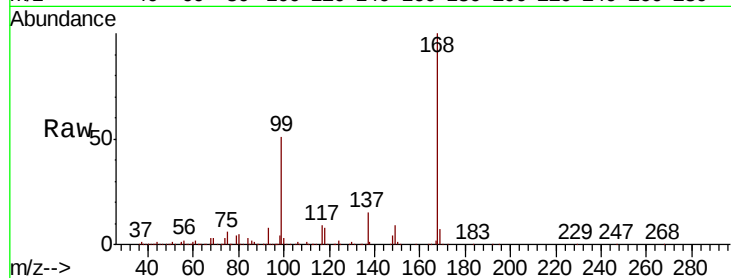
BP-TB04-20181206

Tot Ion:168 Resp: 729541

Ion Ratio Lower Upper

168 100

99 50.6 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

300000

250000

200000

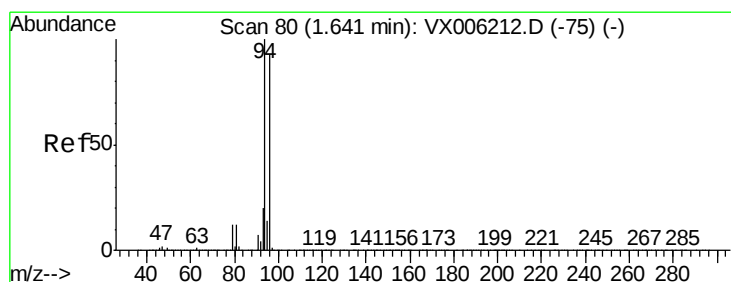
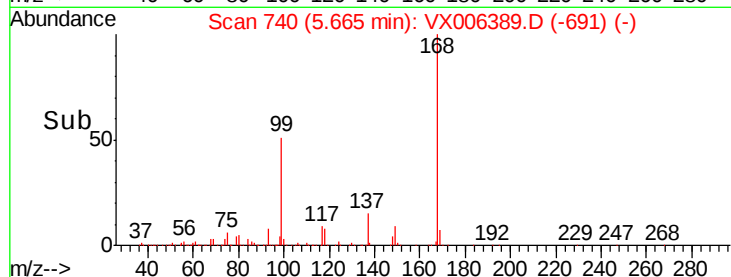
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.418 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006389.D

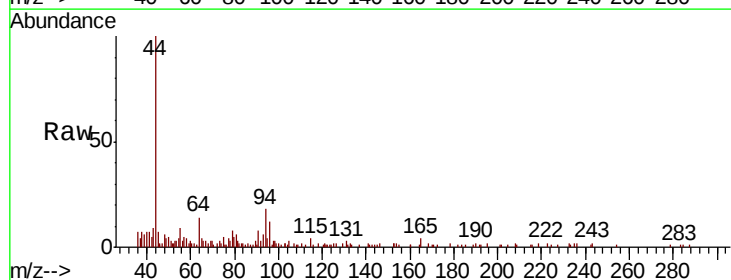
Acq: 11 Dec 2018 00:38

Tgt Ion: 94 Resp: 2286

Ion Ratio Lower Upper

94 100

96 51.2 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

1200

1000

800

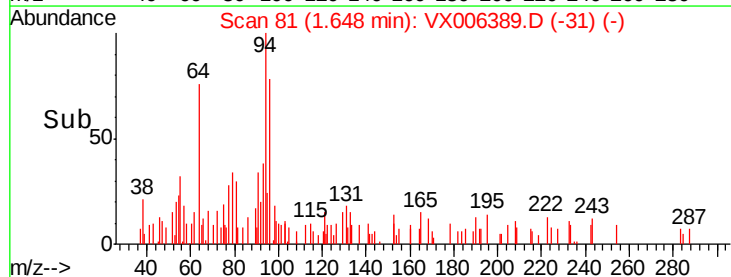
600

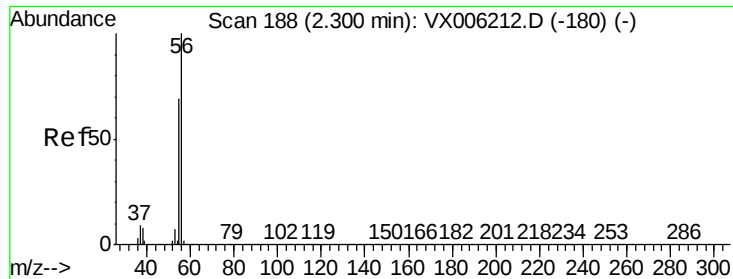
400

200

0

Time--> 1.60 1.65 1.70





#13

Acrolein

Concen: 0.223 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

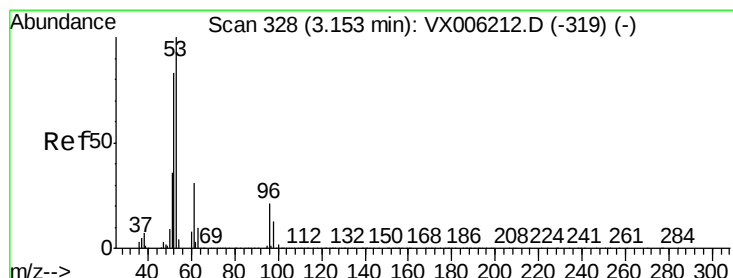
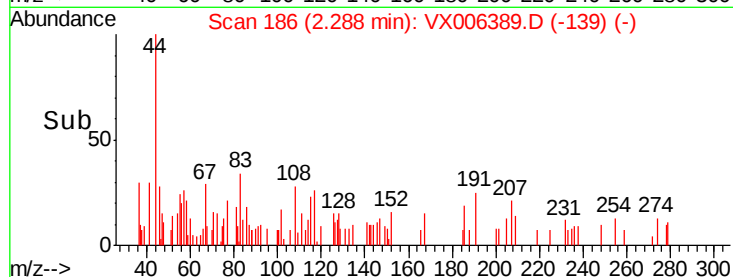
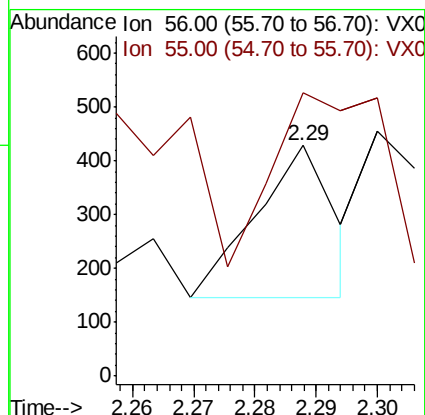
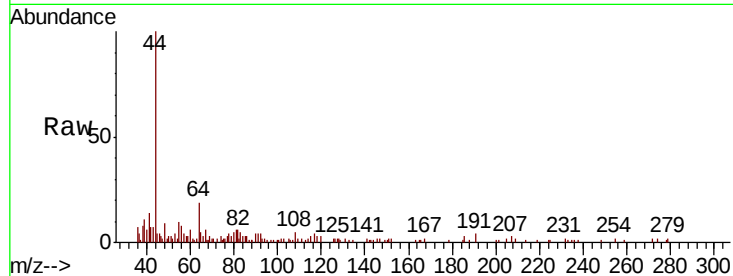
BP-TB04-20181206

Tot Ion: 56 Resp: 248

Ion Ratio Lower Upper

56 100

55 159.3 57.8 86.6#



#15

Acrylonitrile

Concen: 0.255 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

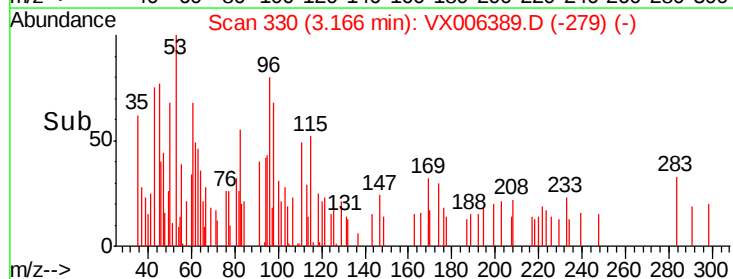
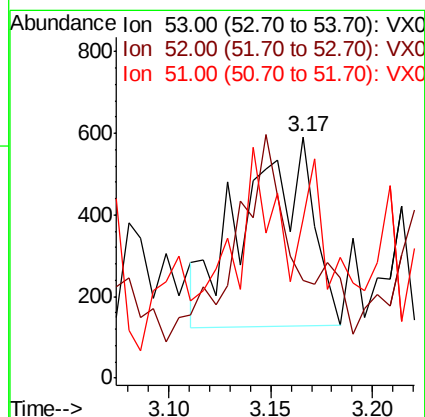
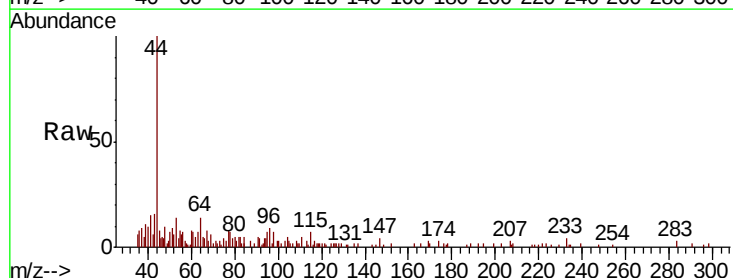
Tgt Ion: 53 Resp: 1084

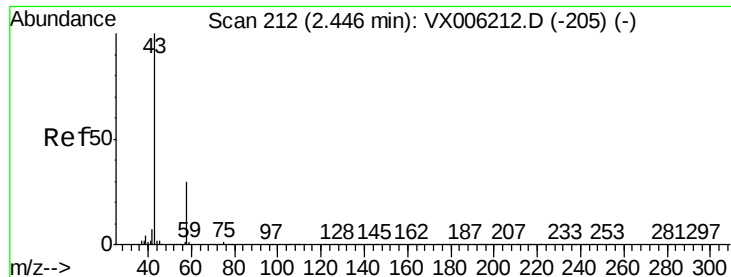
Ion Ratio Lower Upper

53 100

52 0.0 66.2 99.4#

51 20.1 28.7 43.1#





#16

Acetone

Concen: 0.543 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

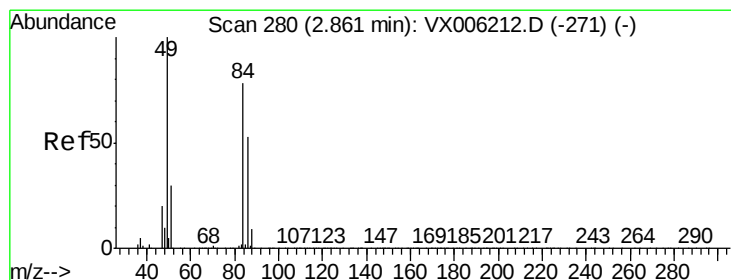
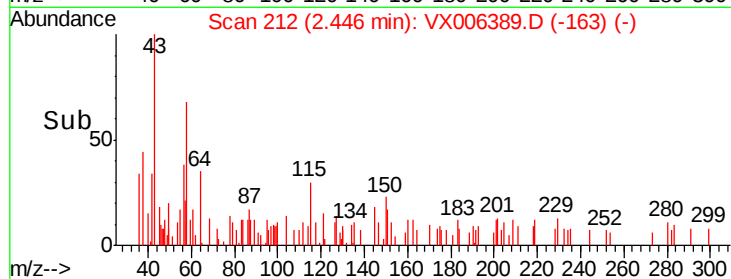
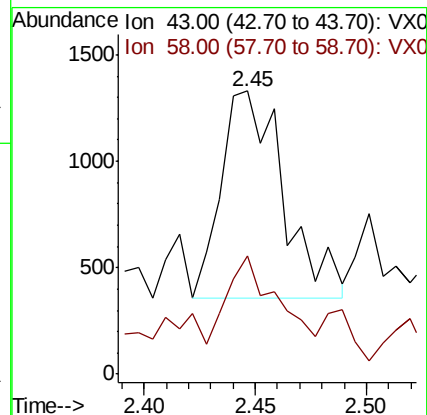
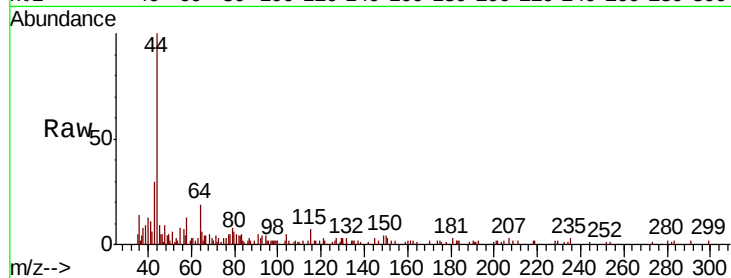
BP-TB04-20181206

Tot Ion: 43 Resp: 1897

Ion Ratio Lower Upper

43 100

58 28.0 24.0 36.0



#20

Methylene Chloride

Concen: 0.203 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

Tgt Ion: 84 Resp: 1510

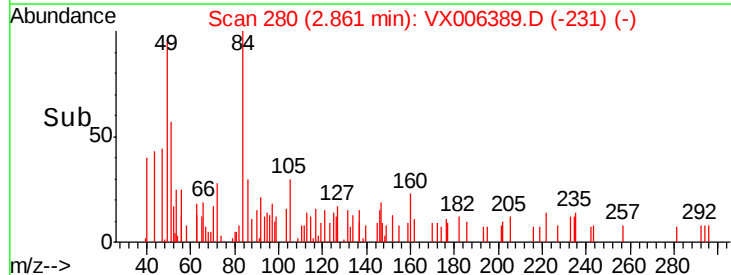
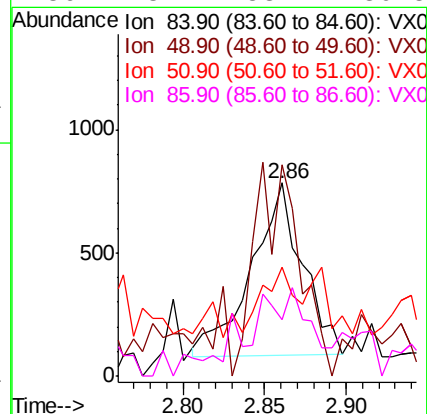
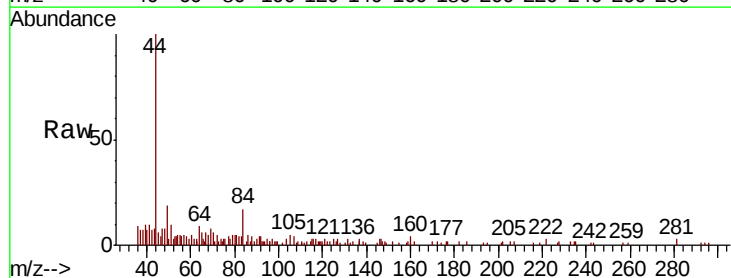
Ion Ratio Lower Upper

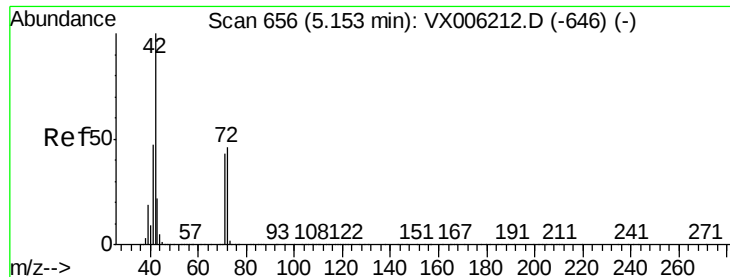
84 100

49 104.6 102.2 153.4

51 39.1 31.1 46.7

86 23.2 53.7 80.5#

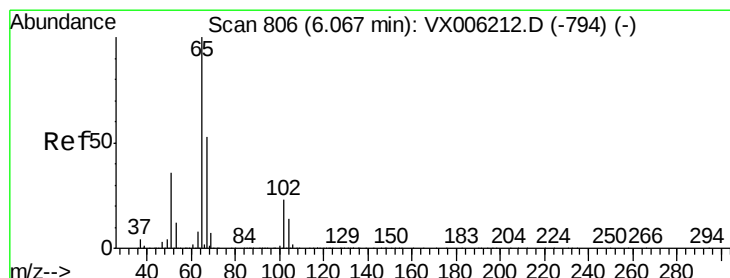
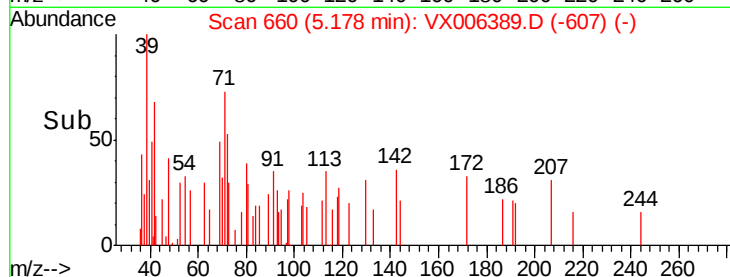
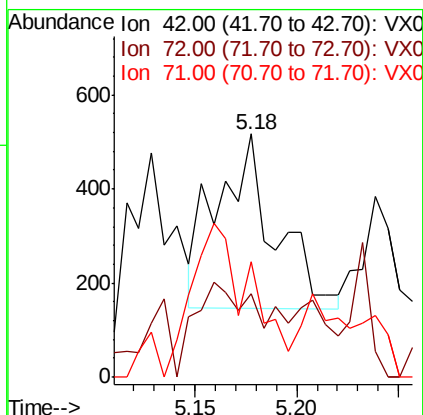
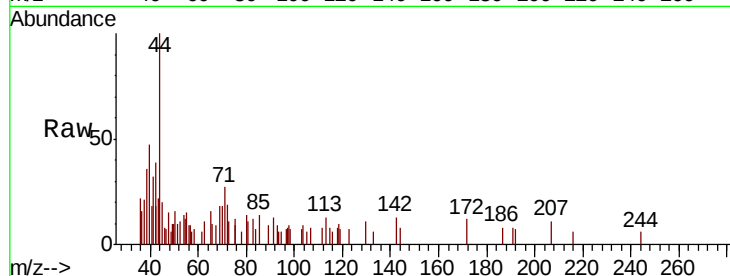




#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 5.18 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX006389.D
Acq: 11 Dec 2018 00:38

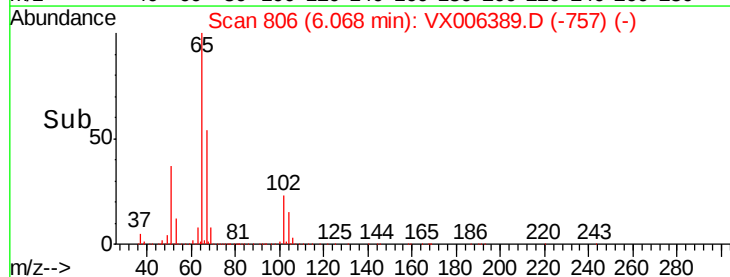
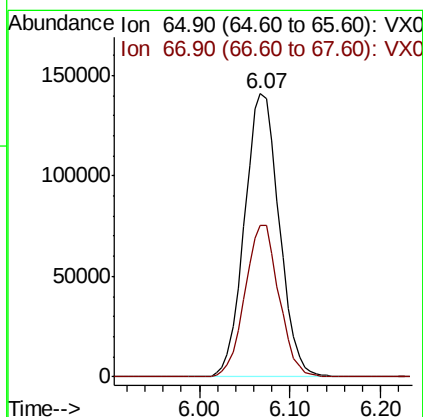
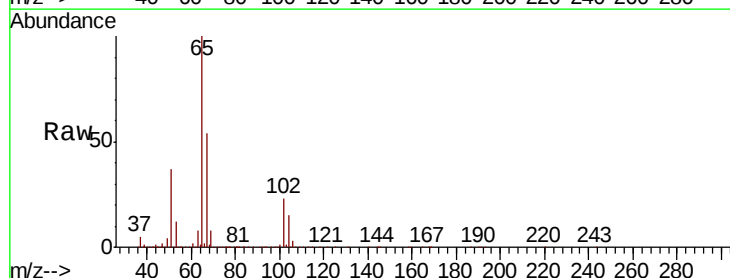
Instrument :
MSVOA_X
ClientSampleId :
BP-TB04-20181206

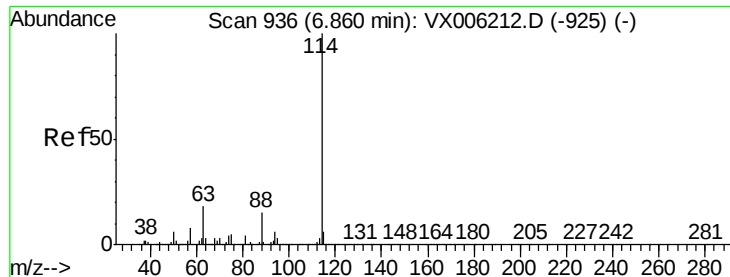
Tot Ion: 42 Resp: 731
Ion Ratio Lower Upper
42 100
72 53.9 37.8 56.8
71 90.2 35.2 52.8#



#33
1,2-Dichloroethane-d4
Concen: 50.126 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006389.D
Acq: 11 Dec 2018 00:38

Tgt Ion: 65 Resp: 373307
Ion Ratio Lower Upper
65 100
67 52.6 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: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20181206

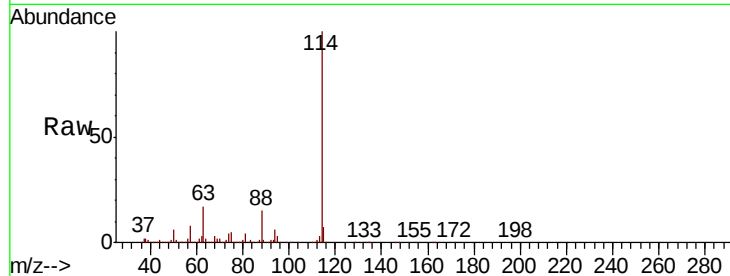
Tot Ion:114 Resp: 1122320

Ion Ratio Lower Upper

114 100

63 17.5 0.0 36.6

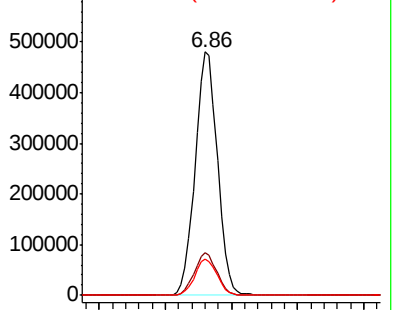
88 15.1 0.0 29.0



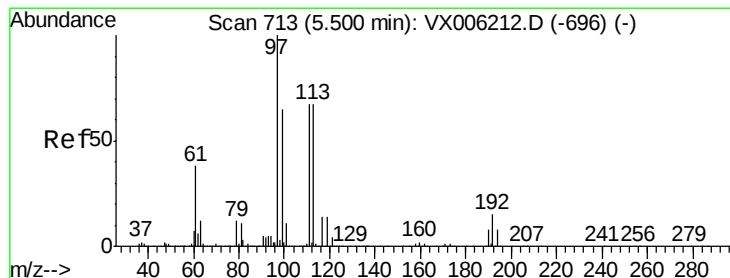
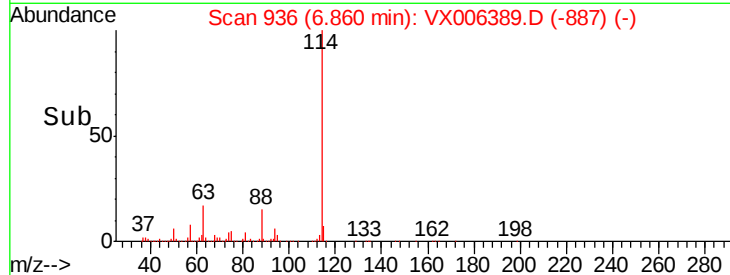
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time--> 6.70 6.80 6.90 7.00



#35

Dibromofluoromethane

Concen: 47.585 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

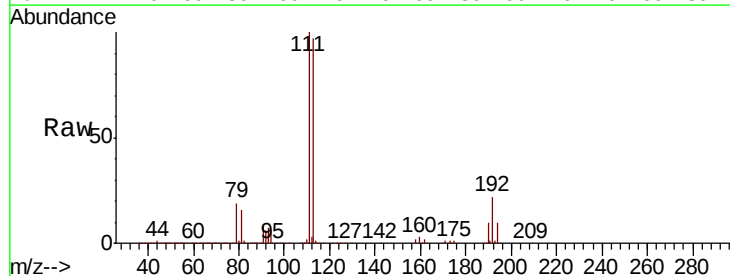
Tgt Ion:113 Resp: 345782

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

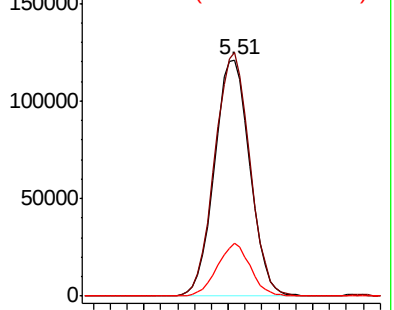
192 21.0 18.2 27.2



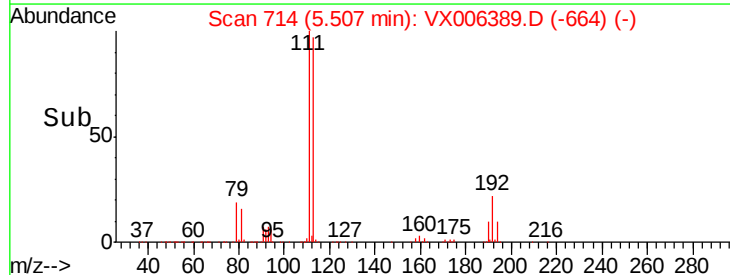
Abundance Ion 112.80 (112.50 to 113.50): V

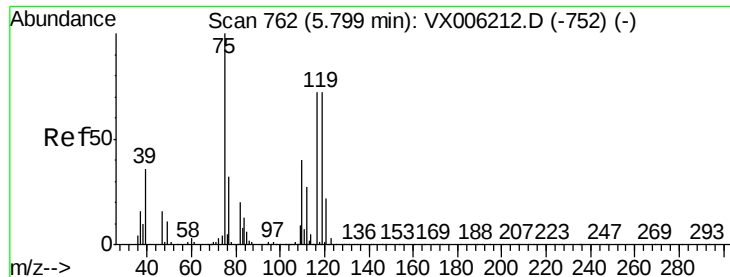
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time--> 5.40 5.50 5.60





#36

1,1-Dichloropropene

Concen: 4.884 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20181206

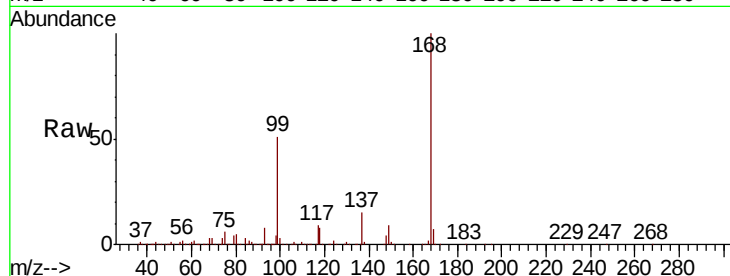
Tot Ion: 75 Resp: 46158

Ion Ratio Lower Upper

75 100

110 10.7 20.4 61.3#

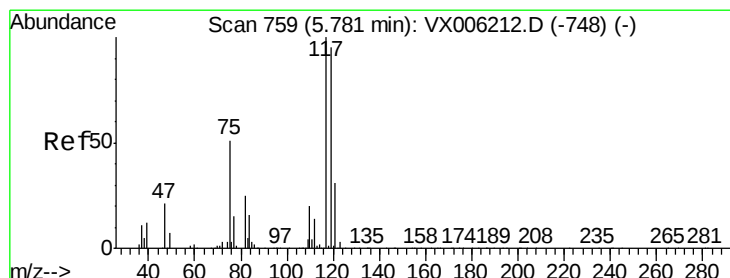
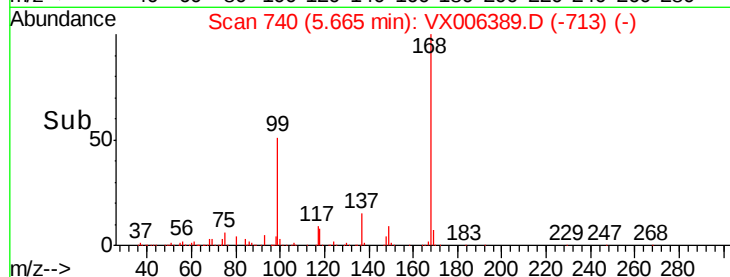
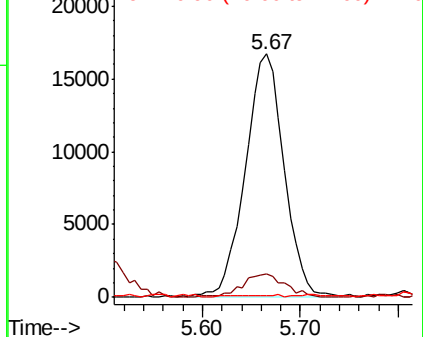
77 0.3 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.013 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

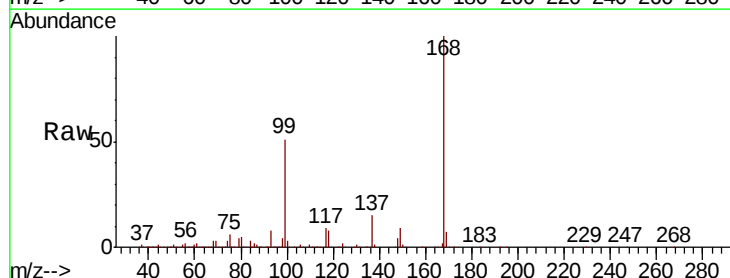
Tgt Ion: 117 Resp: 66859

Ion Ratio Lower Upper

117 100

119 4.6 75.8 113.8#

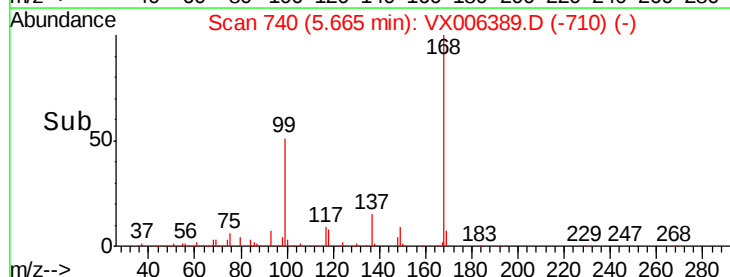
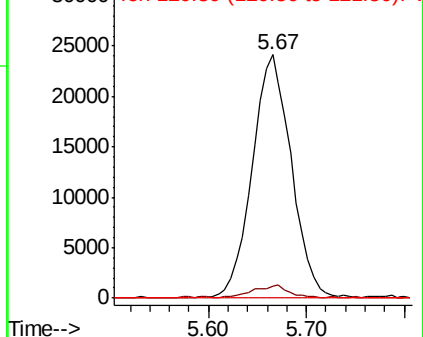
121 0.0 24.6 37.0#

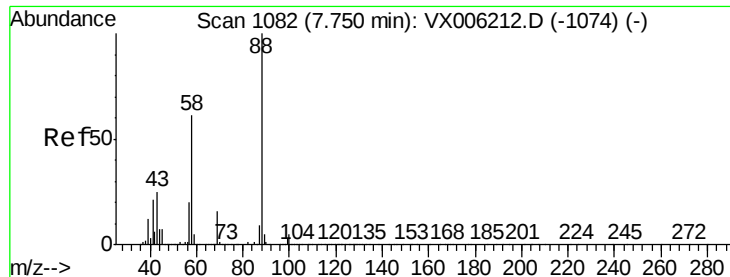


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

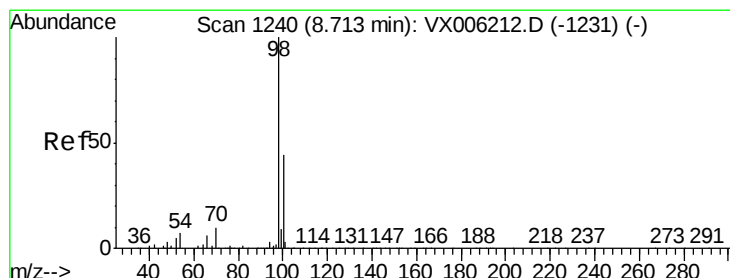
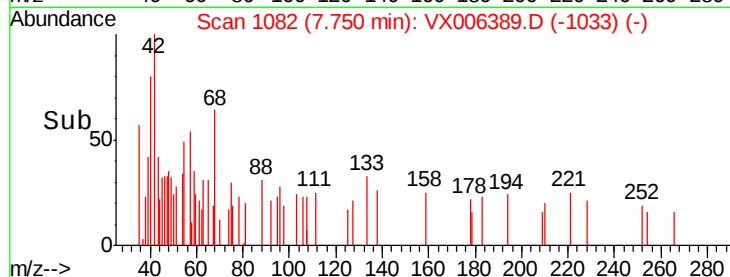
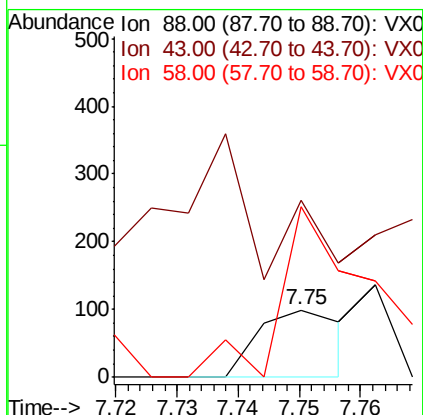
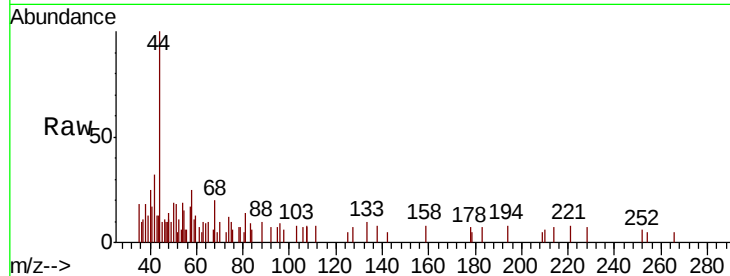




#49
1,4-Dioxane
Concen: 0.449 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006389.D
Acq: 11 Dec 2018 00:38

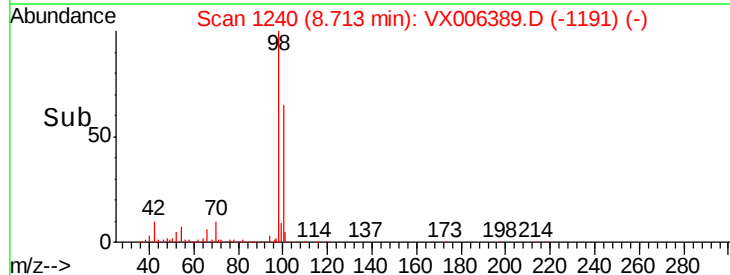
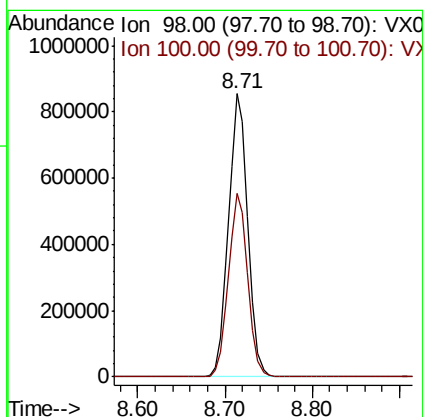
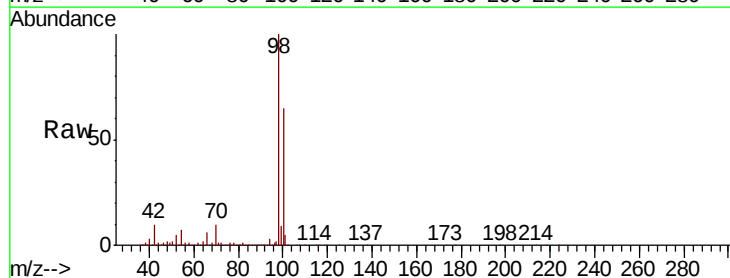
Instrument :
MSVOA_X
ClientSampleId :
BP-TB04-20181206

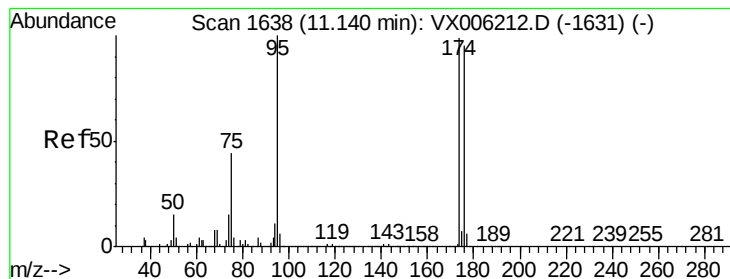
Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.2	34.8#
58	263.2	51.4	77.0#



#50
Toluene-d8
Concen: 49.332 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006389.D
Acq: 11 Dec 2018 00:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2





#62

4-Bromofluorobenzene

Concen: 48.309 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20181206

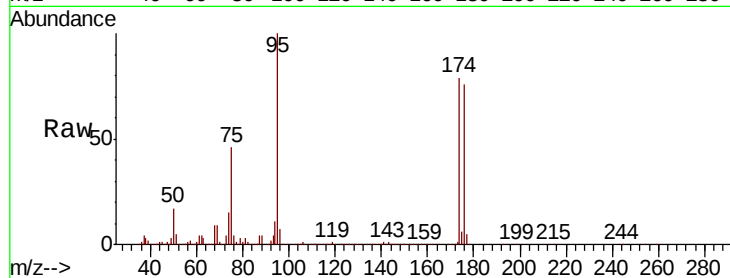
Tot Ion: 95 Resp: 481166

Ion Ratio Lower Upper

95 100

174 86.1 0.0 187.0

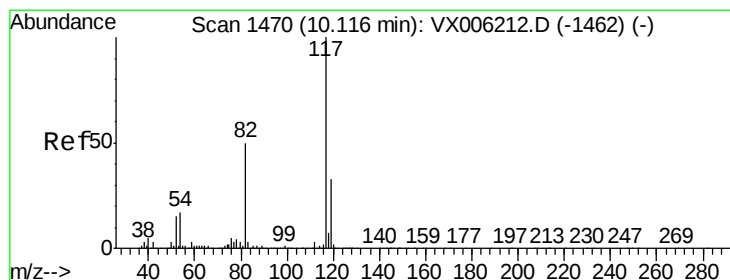
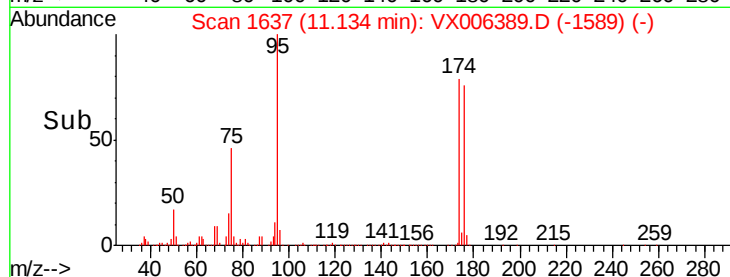
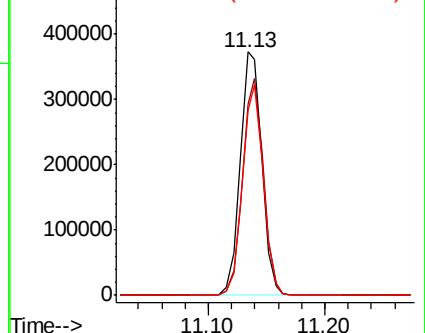
176 83.5 0.0 181.8



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: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

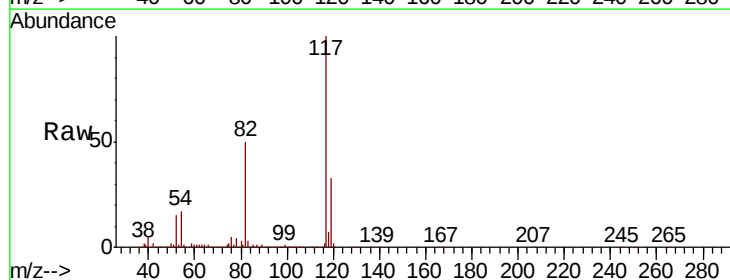
Tgt Ion: 117 Resp: 1005930

Ion Ratio Lower Upper

117 100

82 49.7 39.6 59.4

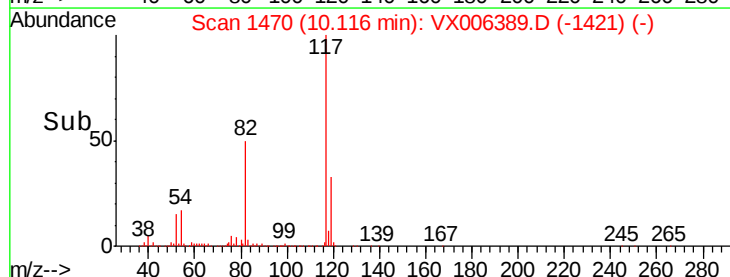
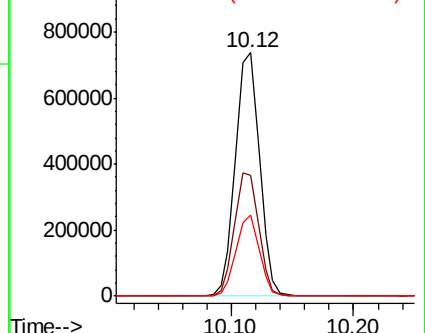
119 33.2 26.3 39.5

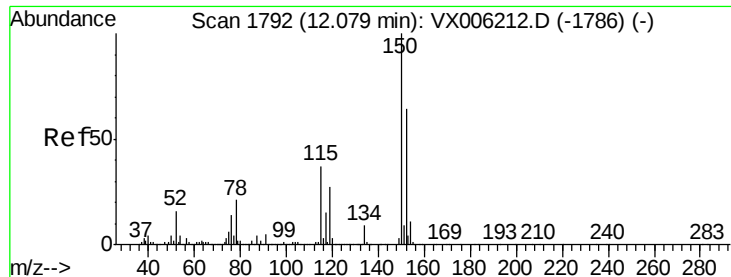


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20181206

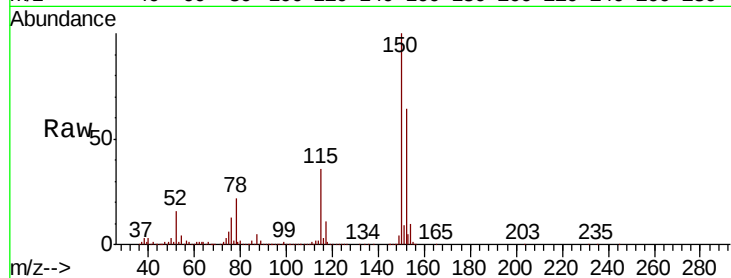
Tot Ion:152 Resp: 477253

Ion Ratio Lower Upper

152 100

115 56.7 39.0 116.9

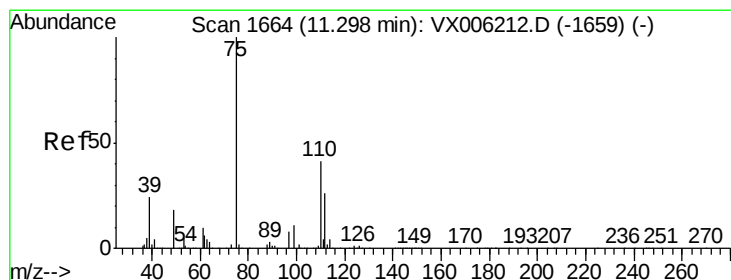
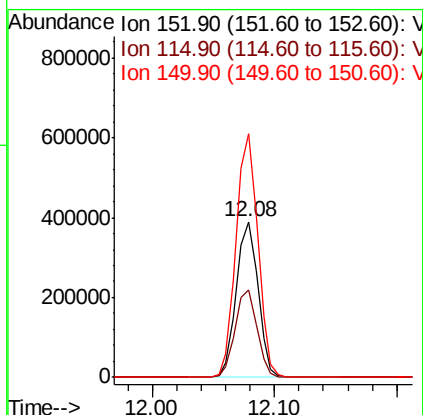
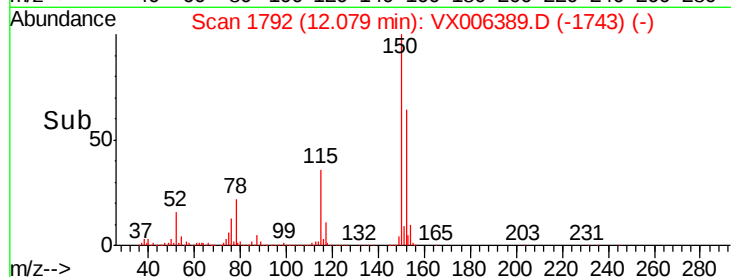
150 156.8 0.0 345.8



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: 23.576 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006389.D

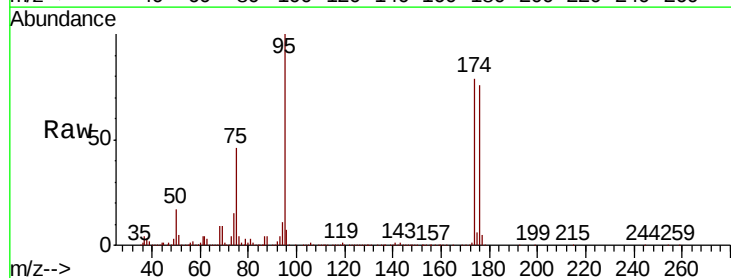
Acq: 11 Dec 2018 00:38

Tgt Ion: 75 Resp: 217172

Ion Ratio Lower Upper

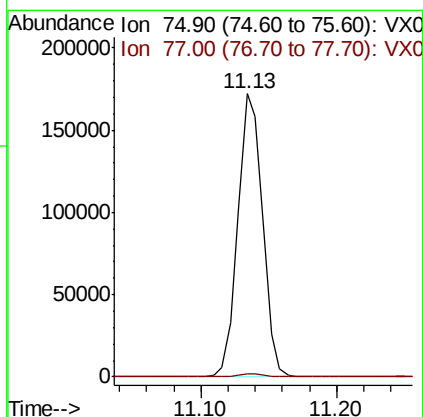
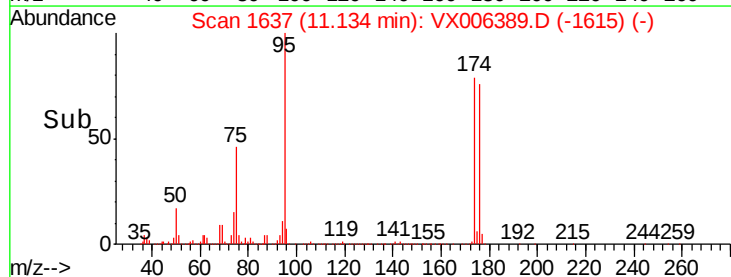
75 100

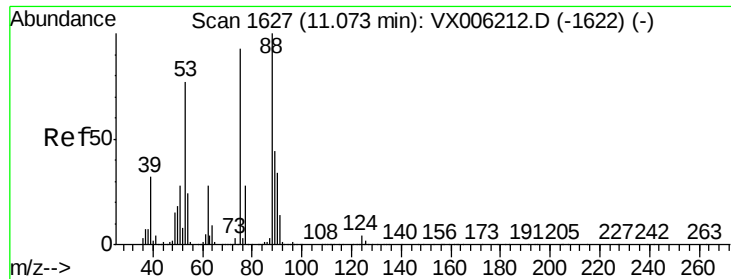
77 1.3 19.9 59.7#



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: 55.325 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006389.D

Acq: 11 Dec 2018 00:38

Instrument :

MSVOA_X

ClientSampleId :

BP-TB04-20181206

Tot Ion: 75 Resp: 217172

Ion Ratio Lower Upper

75 100

53 0.0 64.4 96.6#

89 0.1 44.2 66.4#

