

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006446.D
 Acq On : 12 Dec 2018 15:46
 Operator : JC/MD
 Sample : J6358-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308S-20181210

Quant Time: Dec 13 06:10:34 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	729568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1127226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1016874	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	491551	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	369767	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
35) Dibromofluoromethane	5.50	113	338096	46.33	ug/l	0.00
Spiked Amount			Recovery	=	92.66%	
50) Toluene-d8	8.71	98	1312392	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	484636	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	

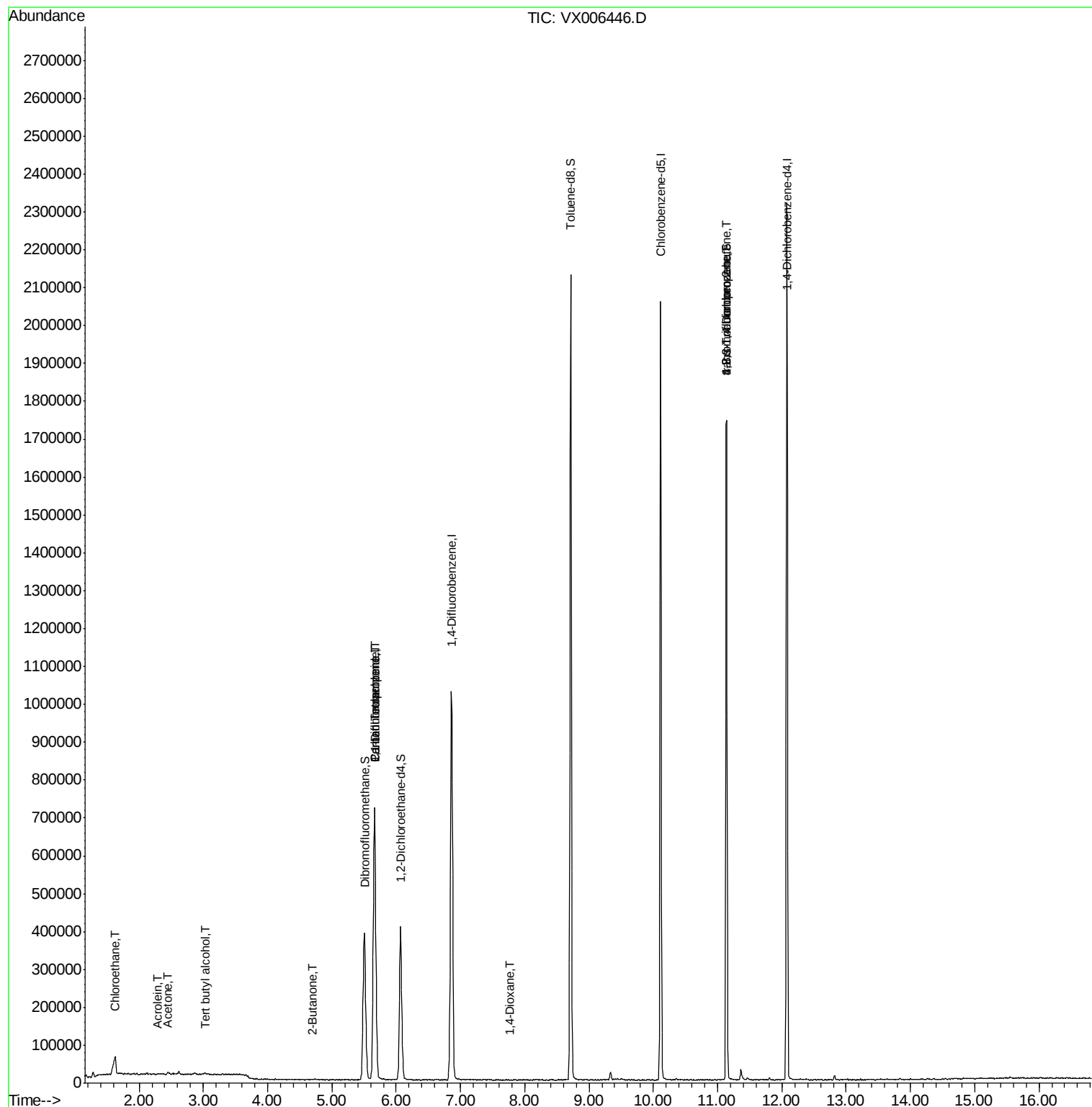
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.64	64	2554	0.527	ug/l #	60
11) Tert butyl alcohol	3.02	59	2868	1.408	ug/l #	89
13) Acrolein	2.29	56	267	0.240	ug/l #	61
16) Acetone	2.45	43	6471	1.851	ug/l	96
25) 2-Butanone	4.70	43	1049	0.210	ug/l	96
36) 1,1-Dichloropropene	5.66	75	46777	4.928	ug/l #	48
38) Carbon Tetrachloride	5.67	117	68289	6.115	ug/l #	15
49) 1,4-Dioxane	7.76	88	143	0.673	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	220861	23.279	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	220861	54.628	ug/l #	15

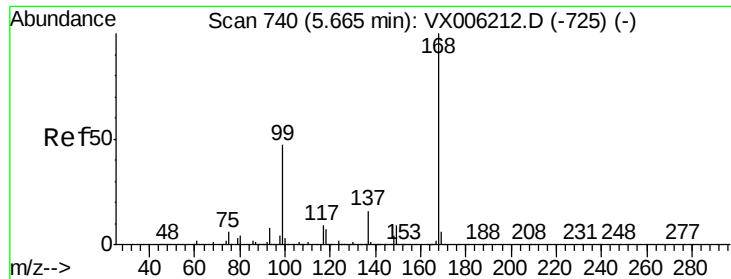
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
Data File : VX006446.D
Acq On : 12 Dec 2018 15:46
Operator : JC/MD
Sample : J6358-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308S-20181210

Quant Time: Dec 13 06:10:34 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: VX006446.D

Acq: 12 Dec 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

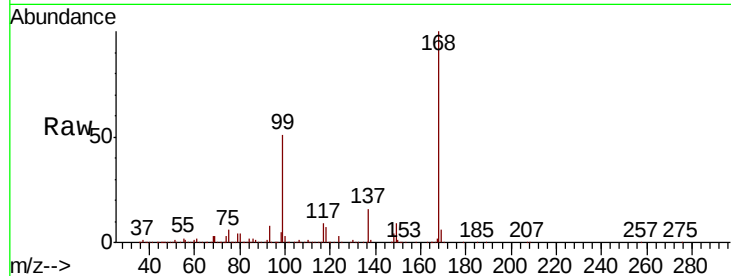
BPS1-TT-MW308S-20181210

Tot Ion:168 Resp: 729568

Ion Ratio Lower Upper

168 100

99 50.7 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

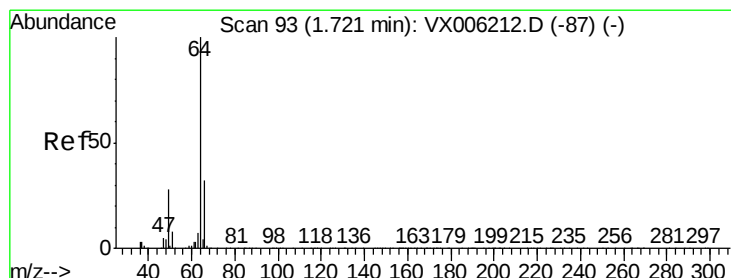
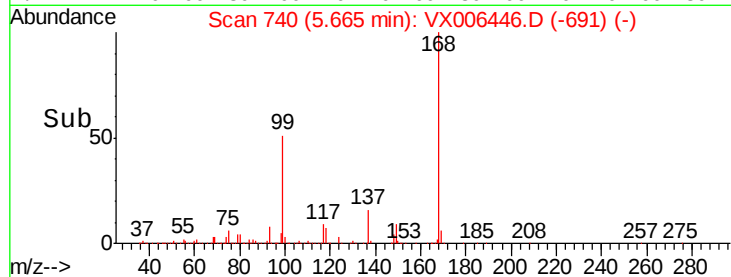
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 0.527 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.09 min

Lab File: VX006446.D

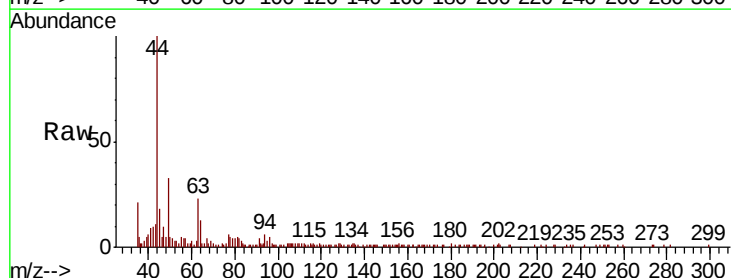
Acq: 12 Dec 2018 15:46

Tgt Ion: 64 Resp: 2554

Ion Ratio Lower Upper

64 100

66 10.2 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.64

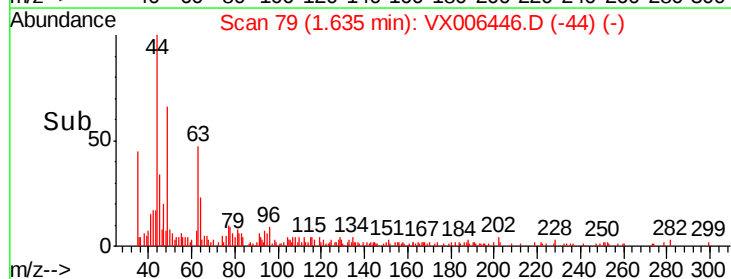
1500

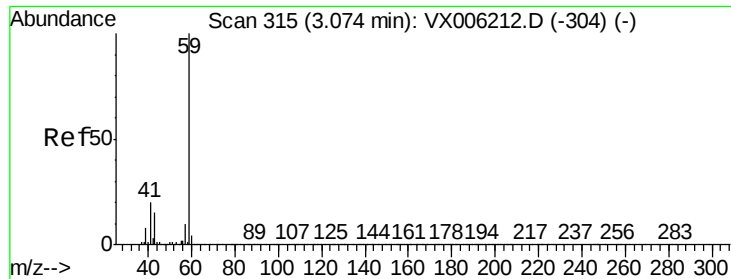
1000

500

0

Time-->

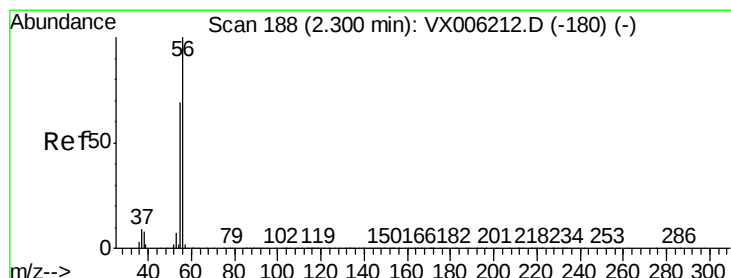
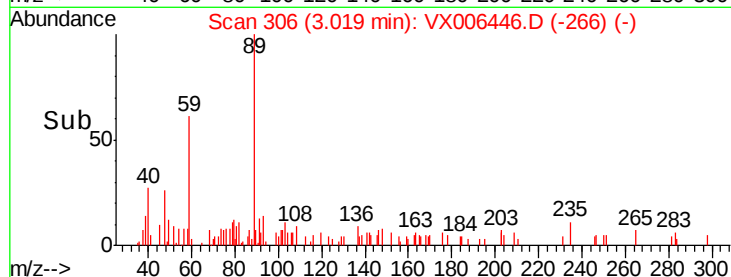
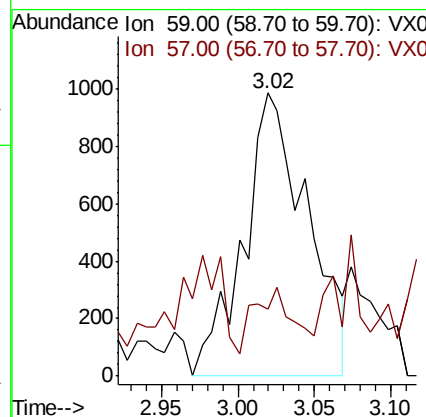
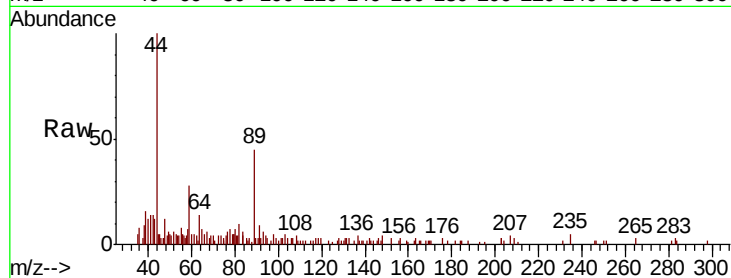




#11
Tert butyl alcohol
Concen: 1.408 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006446.D
Acq: 12 Dec 2018 15:46

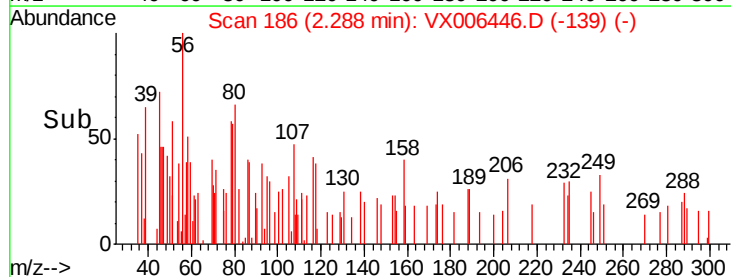
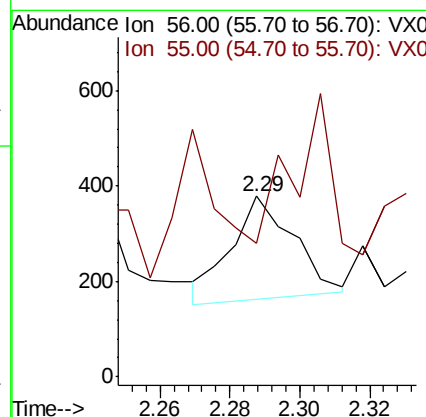
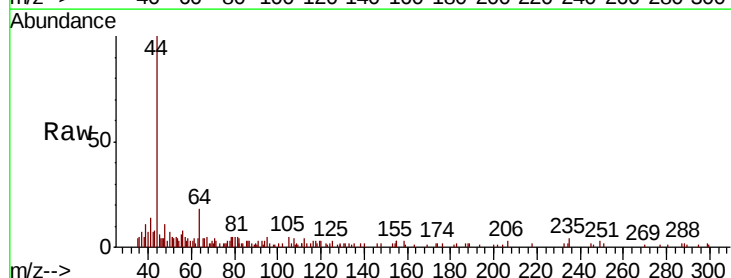
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308S-20181210

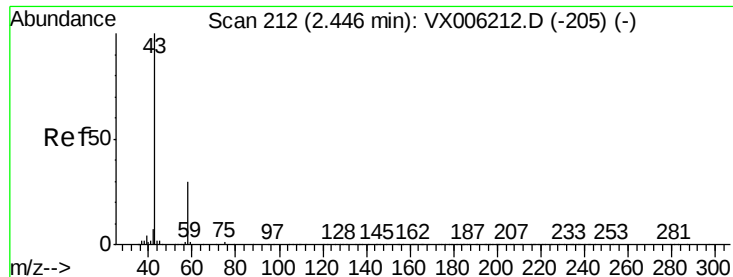
Tot Ion: 59 Resp: 2868
Ion Ratio Lower Upper
59 100
57 14.2 8.2 12.2#



#13
Acrolein
Concen: 0.240 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006446.D
Acq: 12 Dec 2018 15:46

Tgt Ion: 56 Resp: 267
Ion Ratio Lower Upper
56 100
55 104.5 57.8 86.6#





#16

Acetone

Concen: 1.851 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

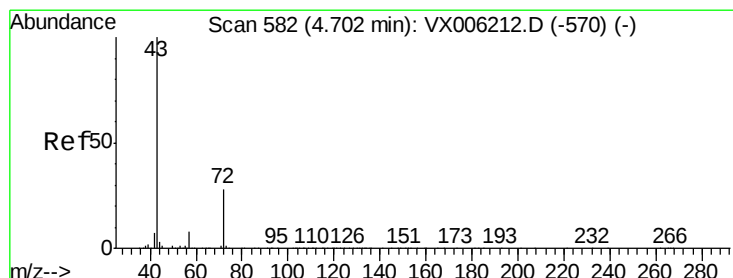
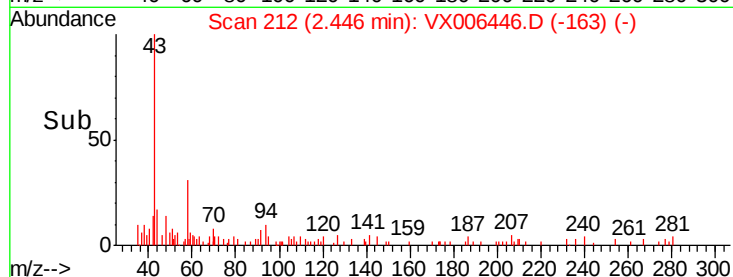
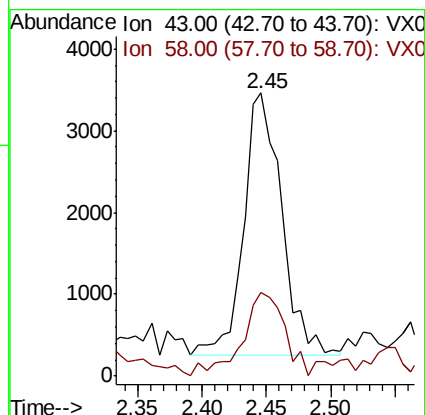
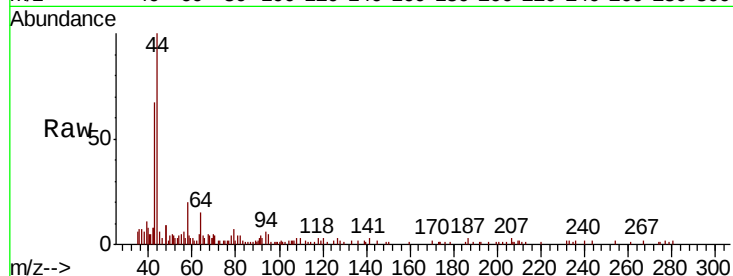
BPS1-TT-MW308S-20181210

Tot Ion: 43 Resp: 6471

Ion Ratio Lower Upper

43 100

58 31.9 24.0 36.0



#25

2-Butanone

Concen: 0.210 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006446.D

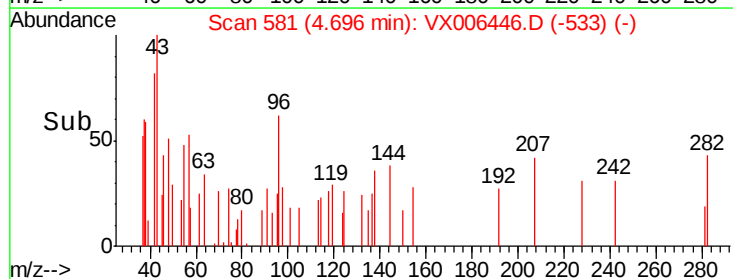
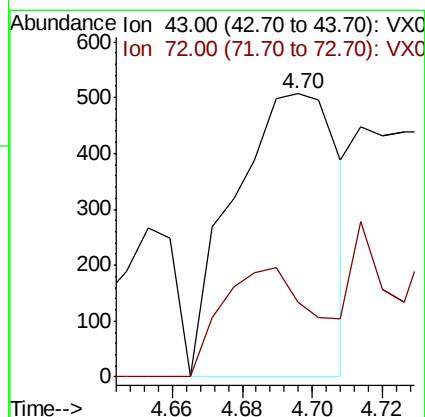
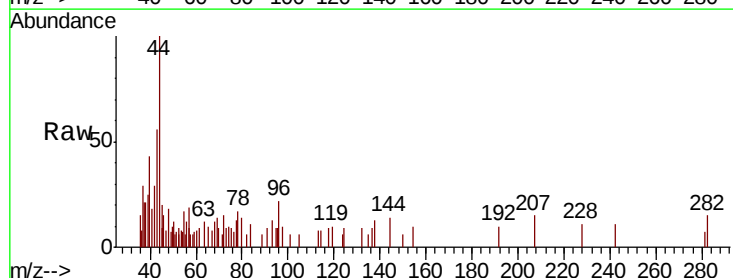
Acq: 12 Dec 2018 15:46

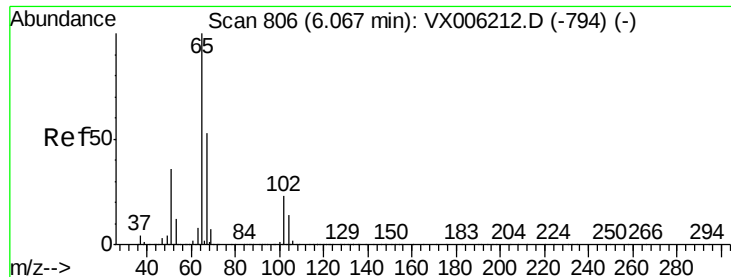
Tgt Ion: 43 Resp: 1049

Ion Ratio Lower Upper

43 100

72 26.2 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 49.648 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

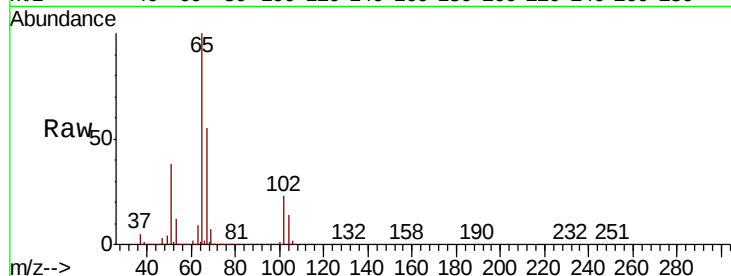
BPS1-TT-MW308S-20181210

Tot Ion: 65 Resp: 369767

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

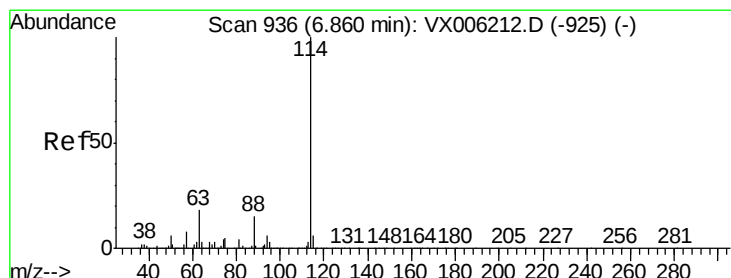
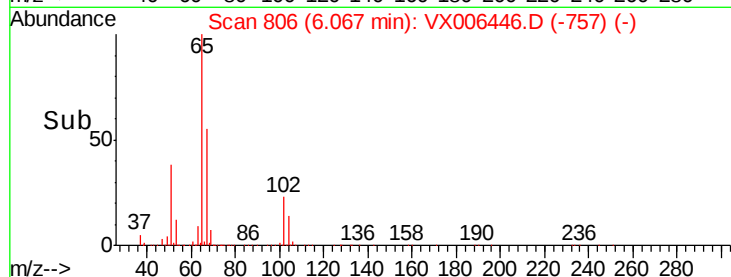
150000

100000

50000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

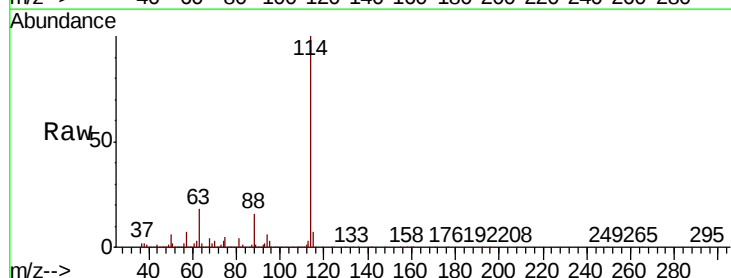
Tgt Ion: 114 Resp: 1127226

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

88 15.7 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

6.86

600000

500000

400000

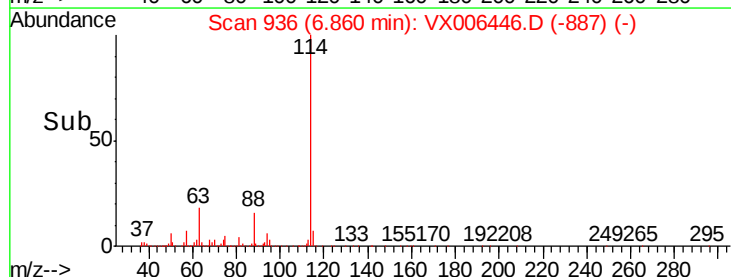
300000

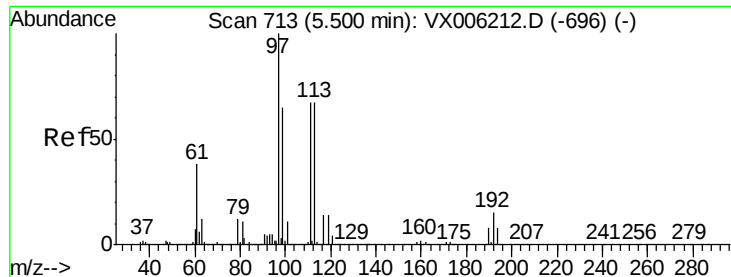
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 46.325 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW308S-20181210

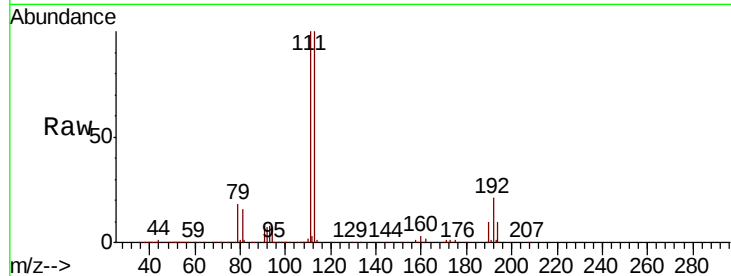
Tot Ion:113 Resp: 338096

Ion Ratio Lower Upper

113 100

111 100.9 81.1 121.7

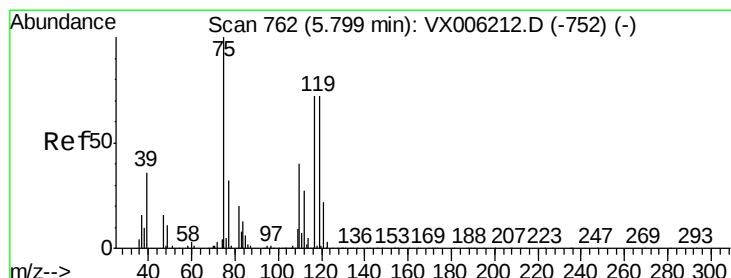
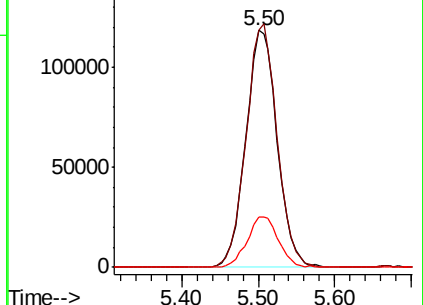
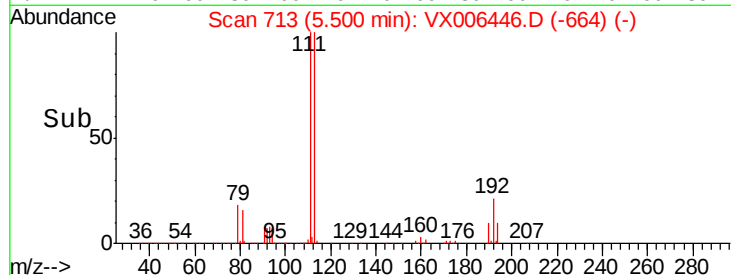
192 21.3 18.2 27.2



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: 4.928 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

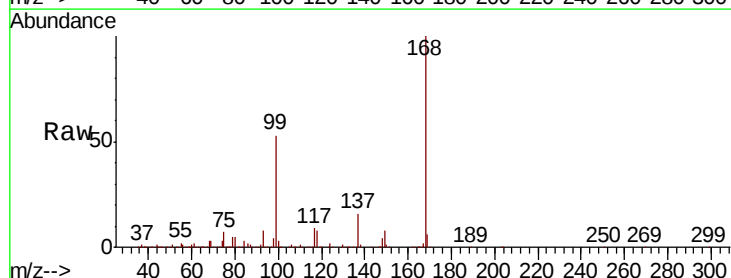
Tgt Ion: 75 Resp: 46777

Ion Ratio Lower Upper

75 100

110 10.3 20.4 61.3#

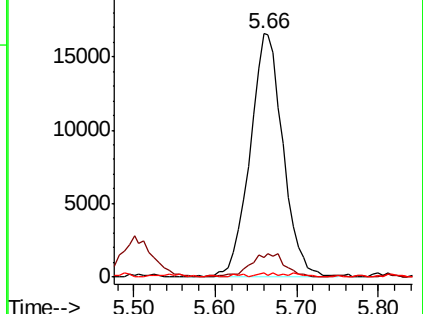
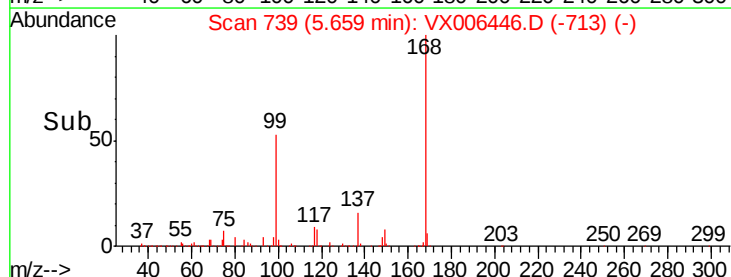
77 0.8 24.9 37.3#

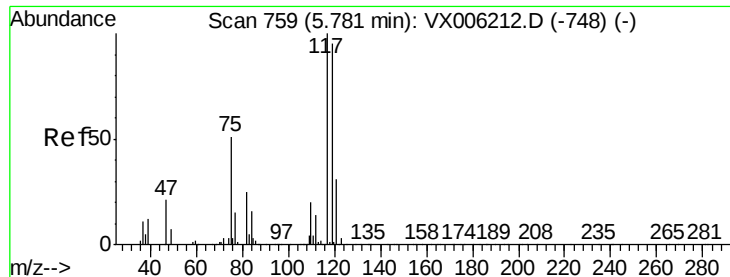


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.115 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW308S-20181210

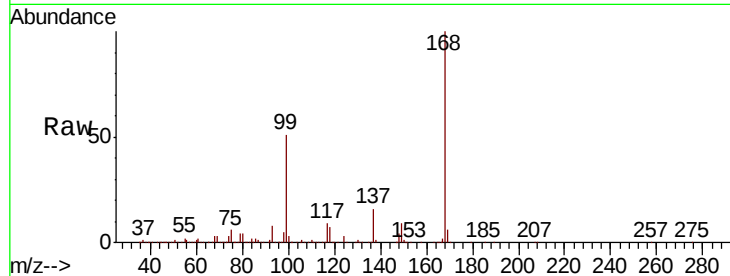
Tot Ion:117 Resp: 68289

Ion Ratio Lower Upper

117 100

119 3.6 75.8 113.8#

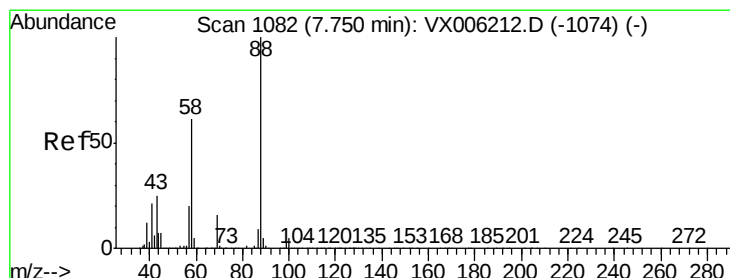
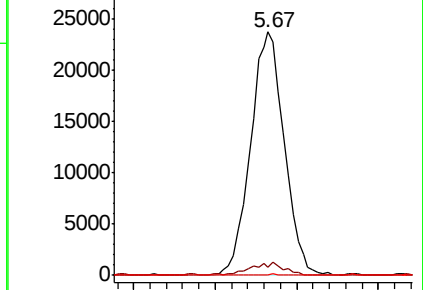
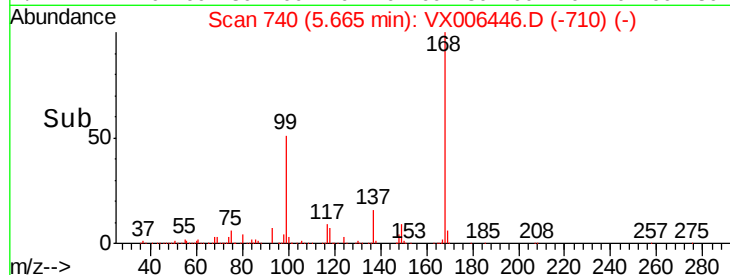
121 0.2 24.6 37.0#



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: 0.673 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. 0.01 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

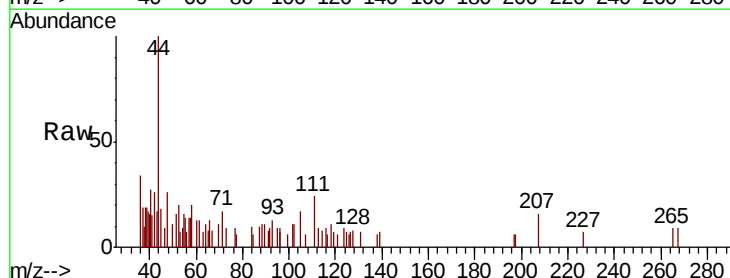
Tgt Ion: 88 Resp: 143

Ion Ratio Lower Upper

88 100

43 245.5 23.2 34.8#

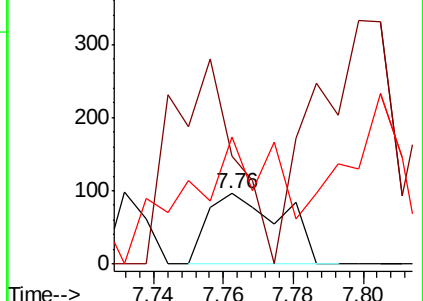
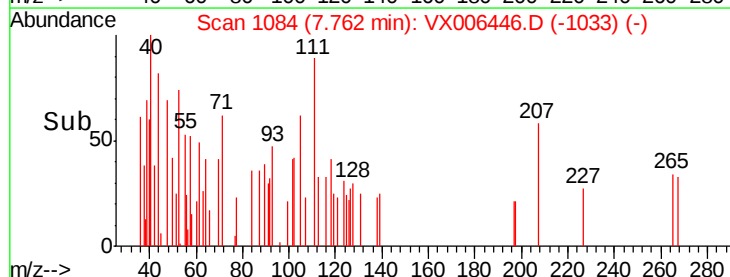
58 220.3 51.4 77.0#



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: 49.436 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

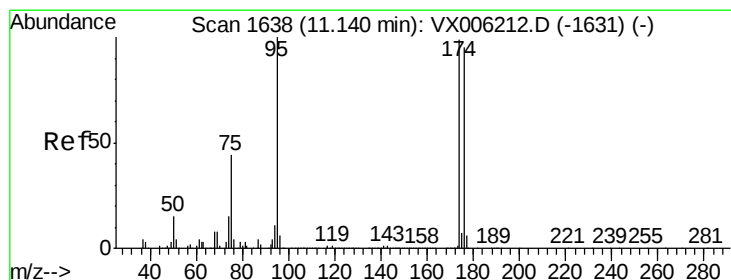
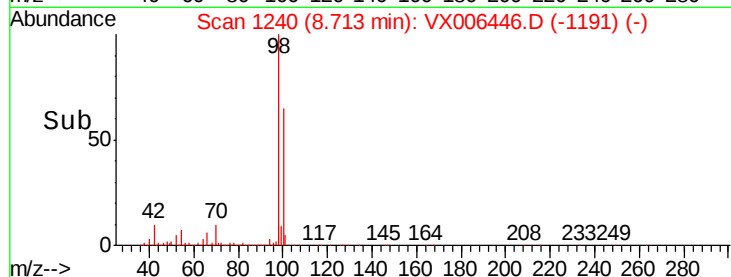
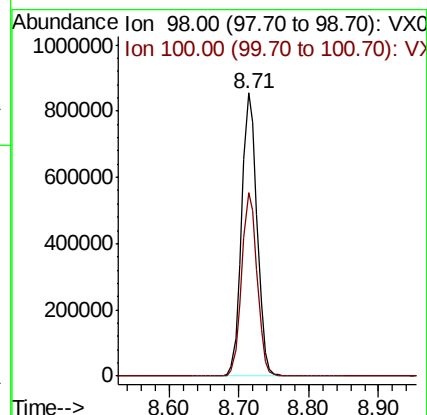
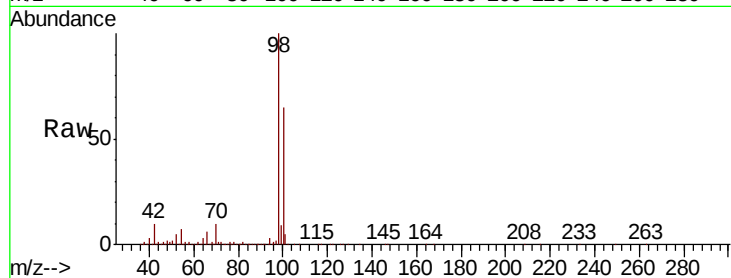
BPS1-TT-MW308S-20181210

Tot Ion: 98 Resp: 1312392

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 48.446 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

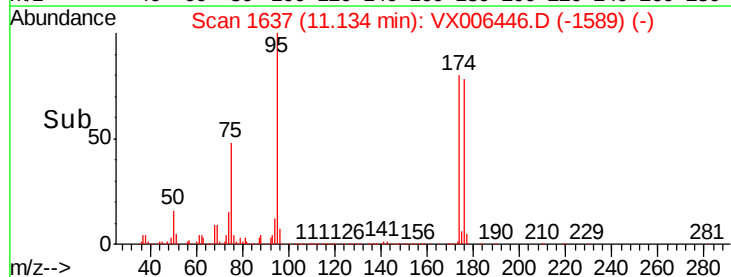
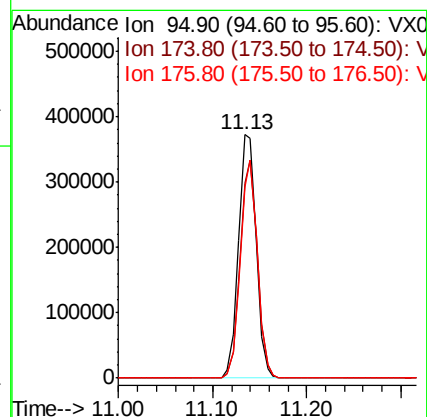
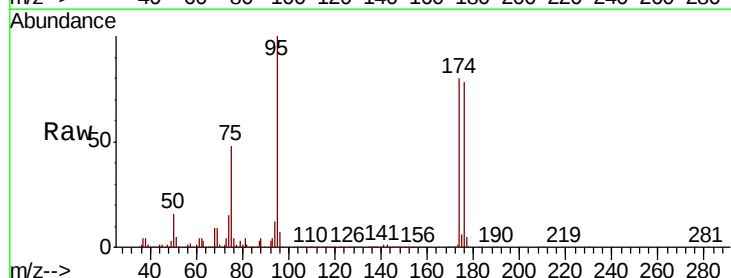
Tgt Ion: 95 Resp: 484636

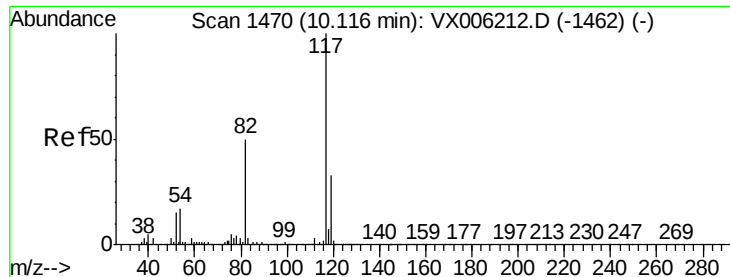
Ion Ratio Lower Upper

95 100

174 87.2 0.0 187.0

176 86.1 0.0 181.8

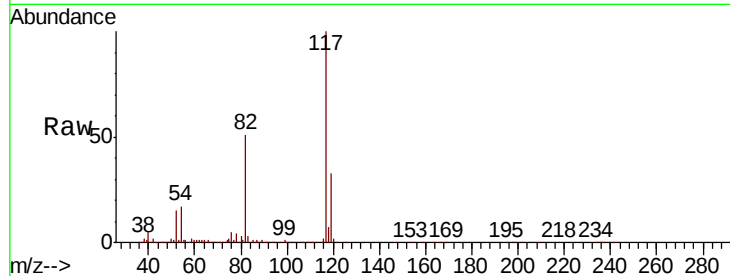




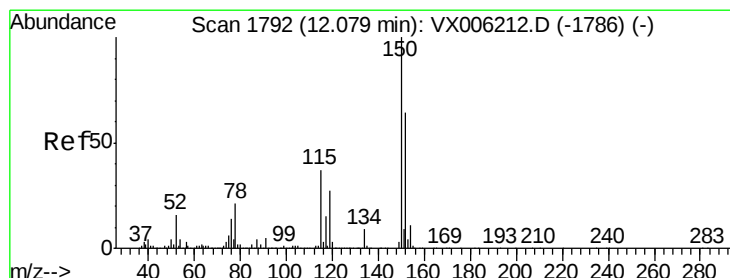
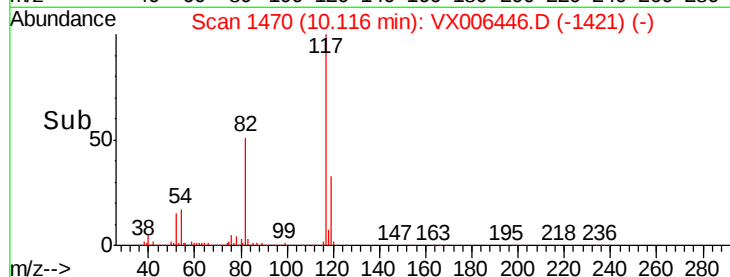
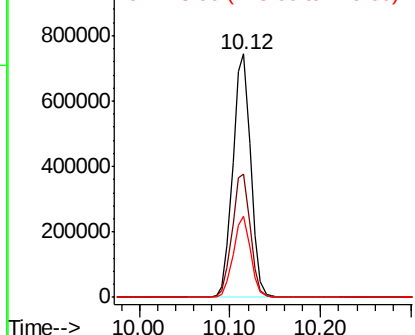
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006446.D
Acq: 12 Dec 2018 15:46

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308S-20181210

Tot Ion:117 Resp: 1016874
Ion Ratio Lower Upper
117 100
82 50.8 39.6 59.4
119 33.4 26.3 39.5

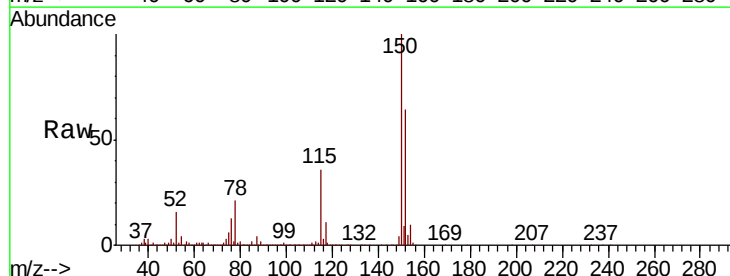


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

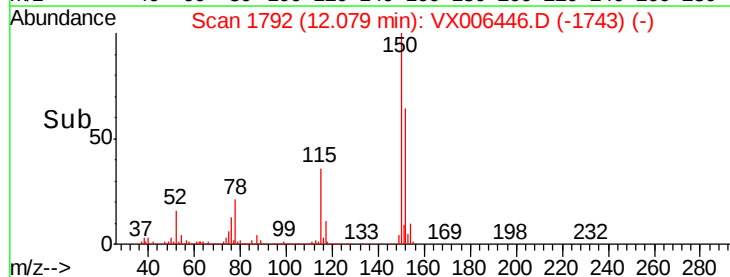
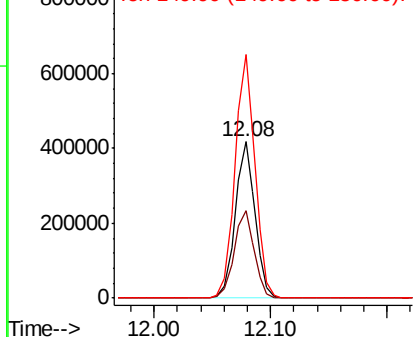


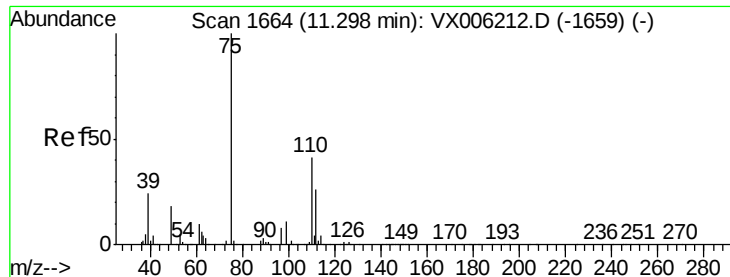
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006446.D
Acq: 12 Dec 2018 15:46

Tgt Ion:152 Resp: 491551
Ion Ratio Lower Upper
152 100
115 56.8 39.0 116.9
150 157.4 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: 23.279 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

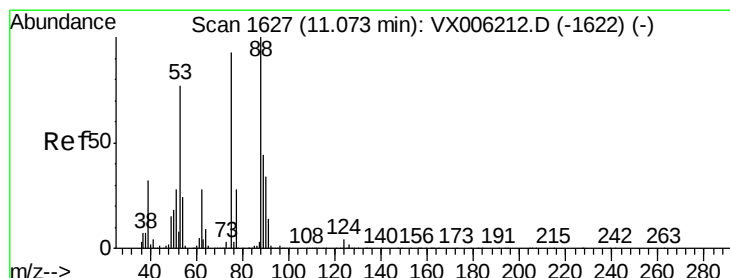
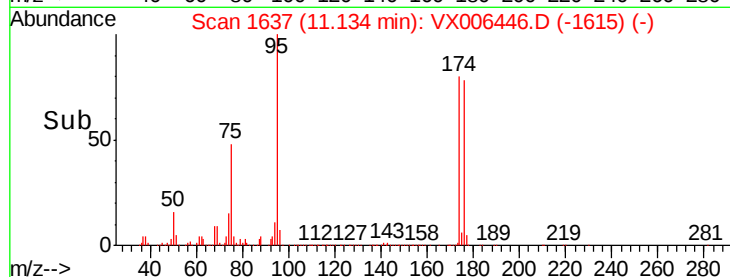
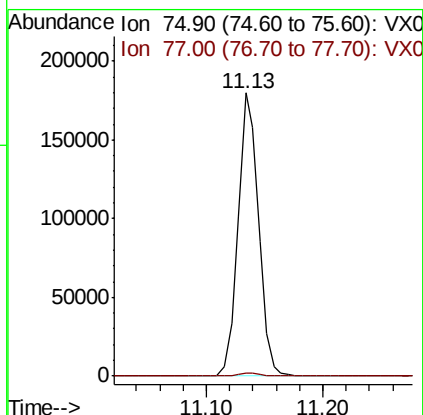
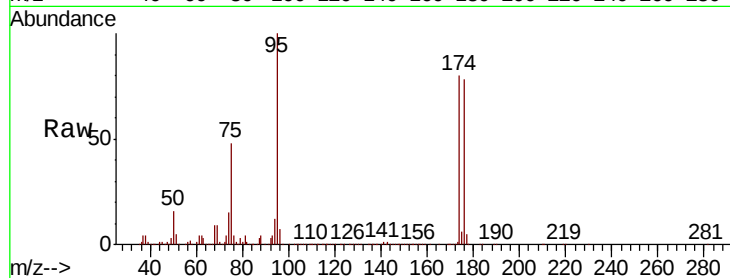
BPS1-TT-MW308S-20181210

Tot Ion: 75 Resp: 220861

Ion Ratio Lower Upper

75 100

77 1.3 19.9 59.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 54.628 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006446.D

Acq: 12 Dec 2018 15:46

Tgt Ion: 75 Resp: 220861

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

