

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006403.D
 Acq On : 11 Dec 2018 06:52
 Operator : JC/MD
 Sample : J6314-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW313S-20181206

Quant Time: Dec 11 07:46:15 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	687458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1095651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1002269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471134	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	366651	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	5.51	113	337713	47.61	ug/l	0.00
Spiked Amount			Recovery	=	95.22%	
50) Toluene-d8	8.71	98	1288460	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	11.13	95	480539	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	

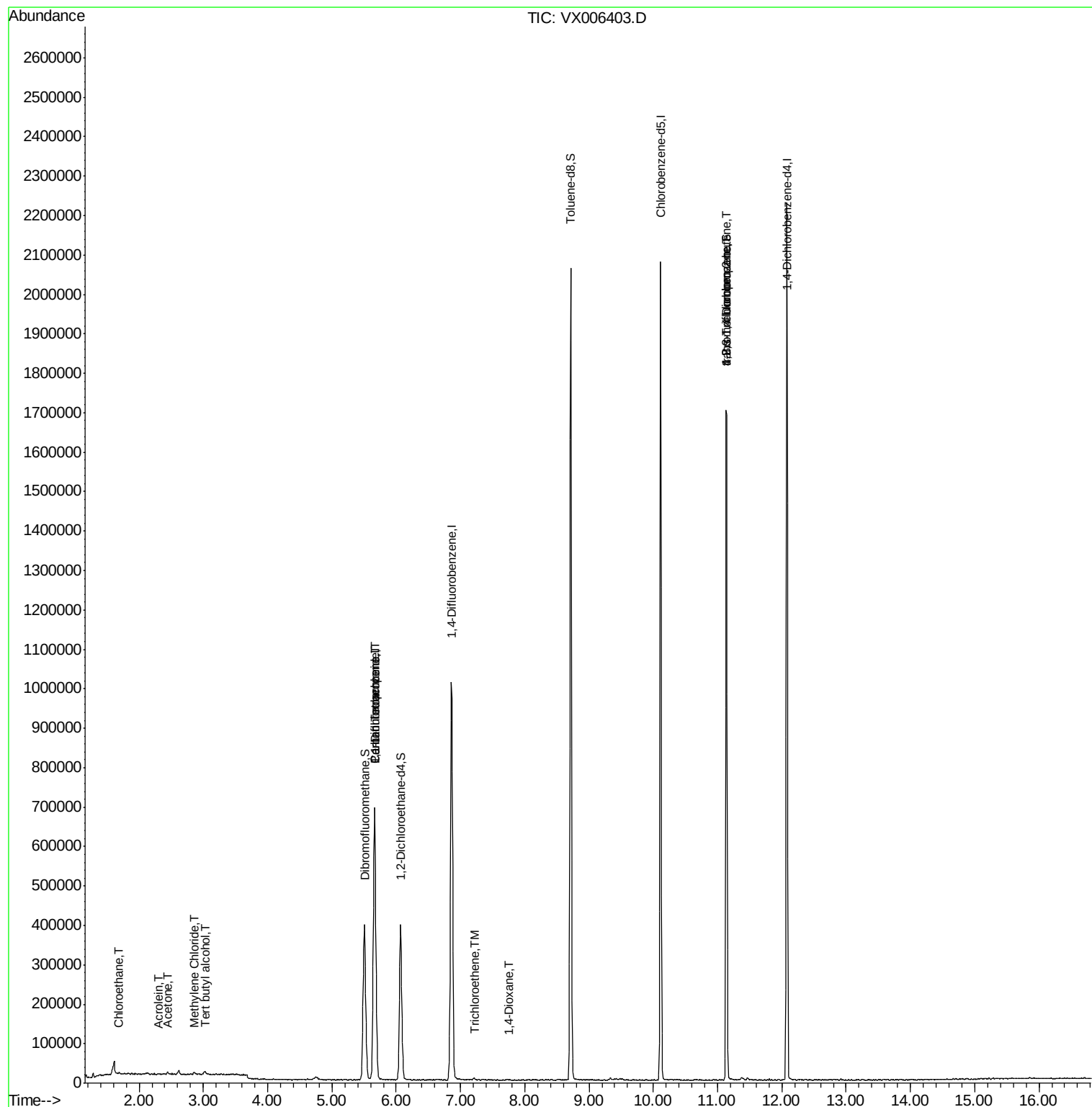
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.68	64	1892	0.414	ug/l #	42
11) Tert butyl alcohol	3.02	59	5790	3.017	ug/l #	93
13) Acrolein	2.31	56	399	0.380	ug/l #	70
16) Acetone	2.45	43	5549	1.685	ug/l	93
20) Methylene Chloride	2.86	84	1836	0.262	ug/l	94
36) 1,1-Dichloropropene	5.66	75	45896	4.974	ug/l #	48
38) Carbon Tetrachloride	5.67	117	63977	5.894	ug/l #	15
44) Trichloroethene	7.21	130	1773	0.212	ug/l	81
49) 1,4-Dioxane	7.76	88	95	0.460	ug/l #	18
76) 1,2,3-Trichloropropane	11.13	75	217899	23.962	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	217899	56.231	ug/l #	15

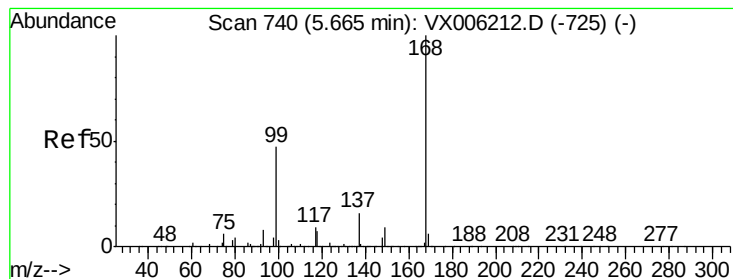
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
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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: VX006403.D

Acq: 11 Dec 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

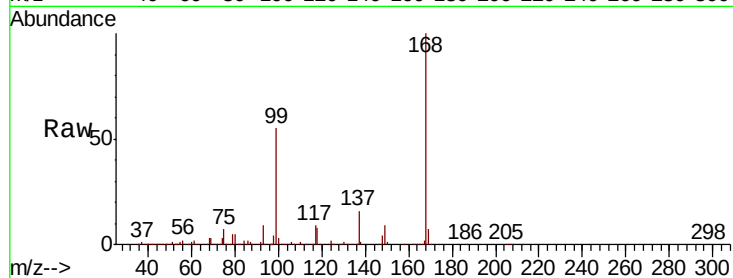
BPS1-TT-MW313S-20181206

Tot Ion:168 Resp: 687458

Ion Ratio Lower Upper

168 100

99 55.3 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

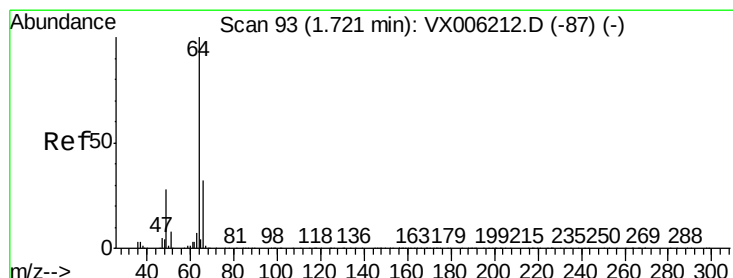
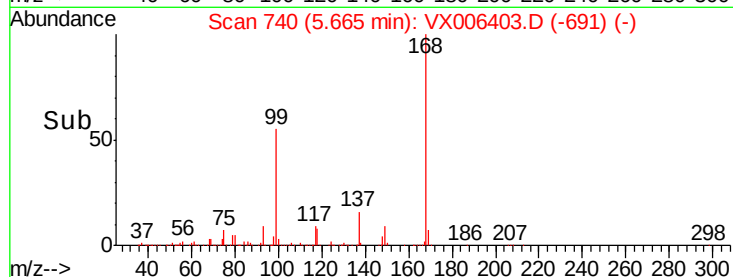
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.414 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.04 min

Lab File: VX006403.D

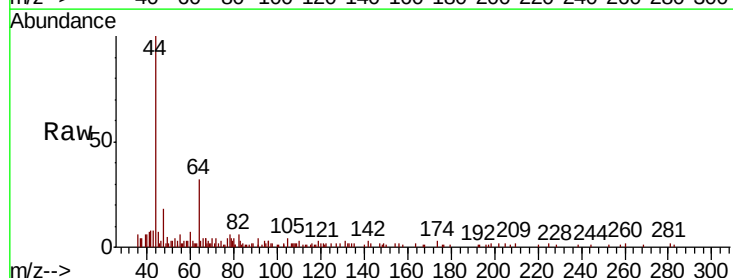
Acq: 11 Dec 2018 06:52

Tgt Ion: 64 Resp: 1892

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.68

2000

1500

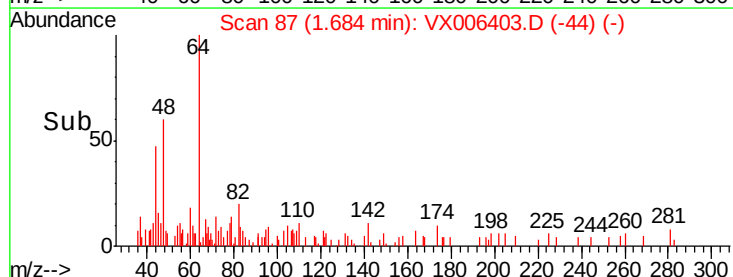
1000

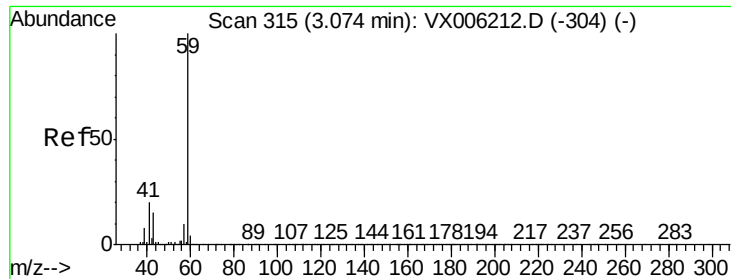
500

0

Time-->

1.65 1.70



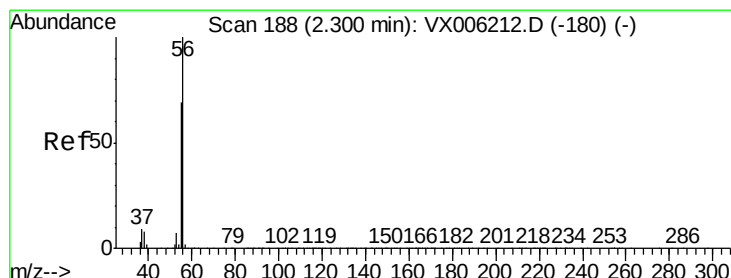
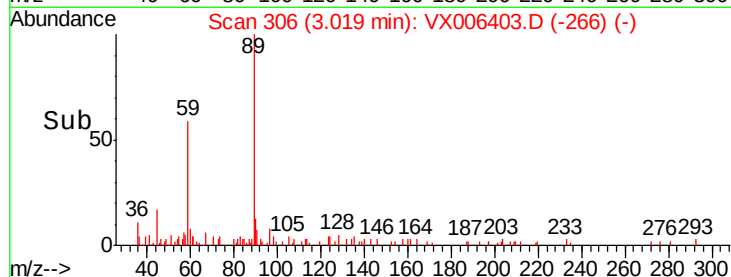
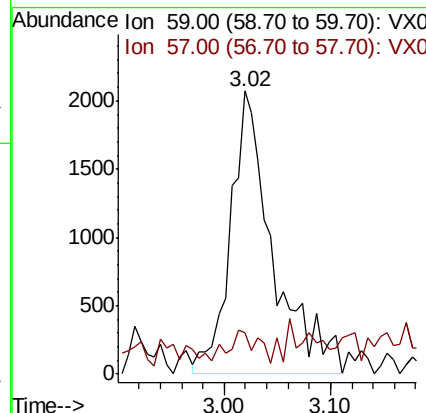
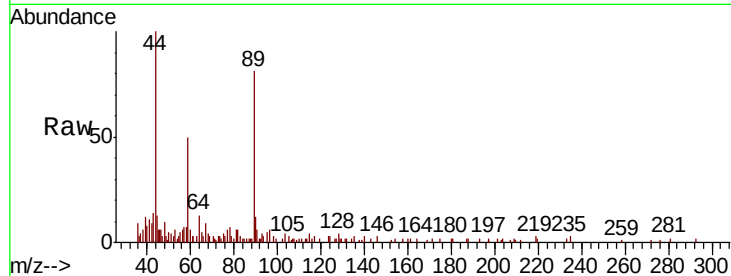


#11

Tert butyl alcohol
 Concen: 3.017 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX006403.D
 Acq: 11 Dec 2018 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW313S-20181206

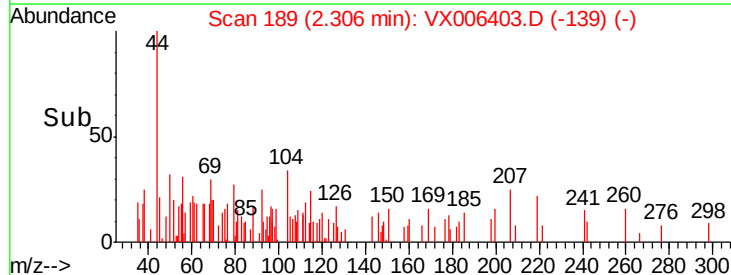
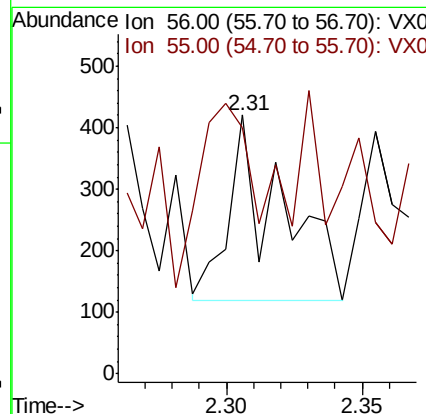
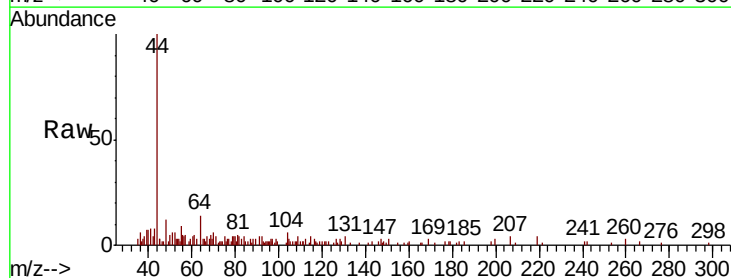
Tot Ion: 59 Resp: 5790
 Ion Ratio Lower Upper
 59 100
 57 7.6 8.2 12.2#

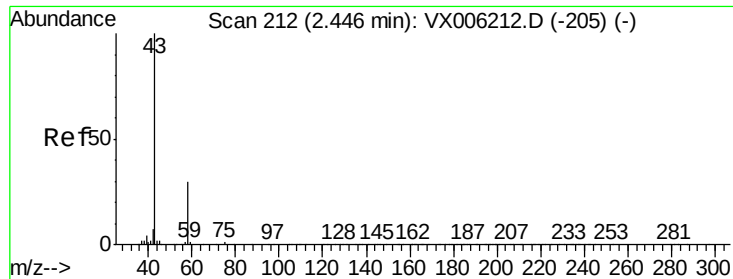


#13

Acrolein
 Concen: 0.380 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX006403.D
 Acq: 11 Dec 2018 06:52

Tgt Ion: 56 Resp: 399
 Ion Ratio Lower Upper
 56 100
 55 97.2 57.8 86.6#

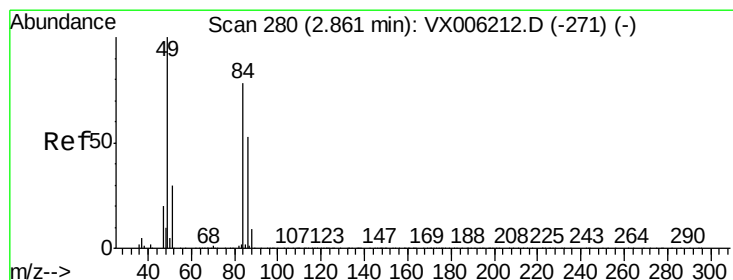
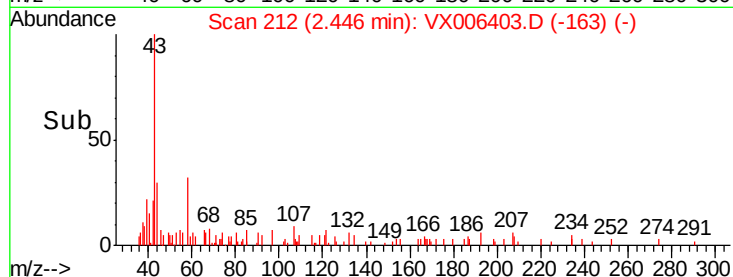
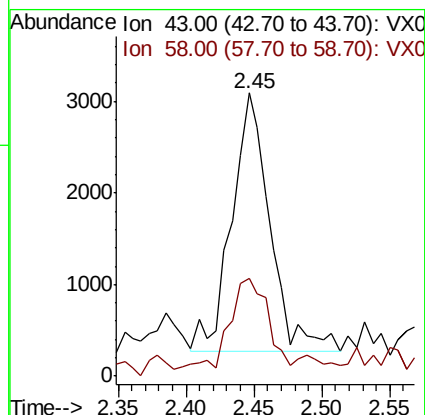
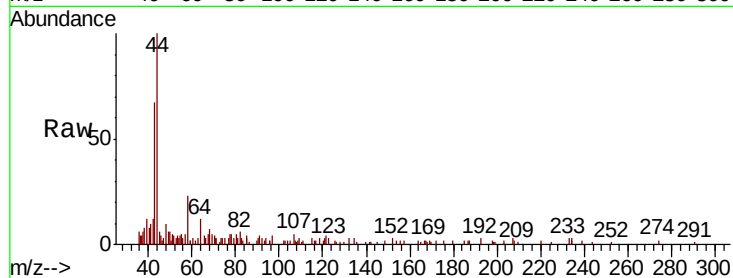




#16
Acetone
Concen: 1.685 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006403.D
Acq: 11 Dec 2018 06:52

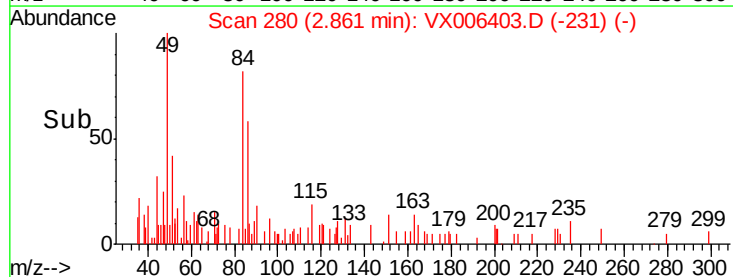
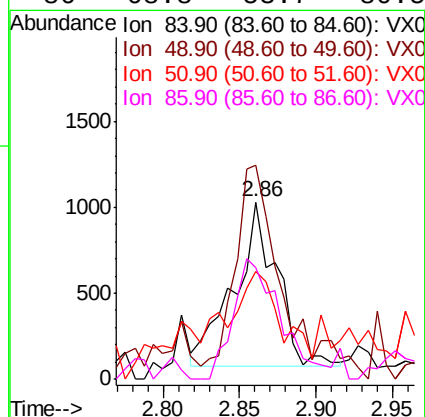
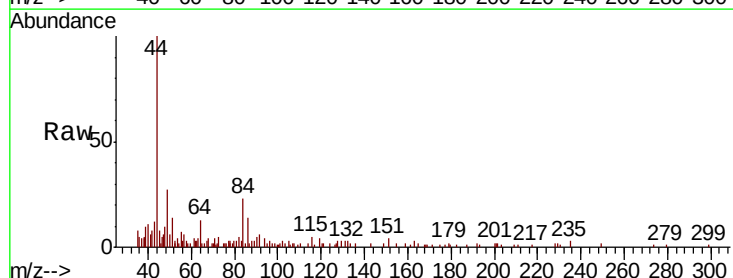
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW313S-20181206

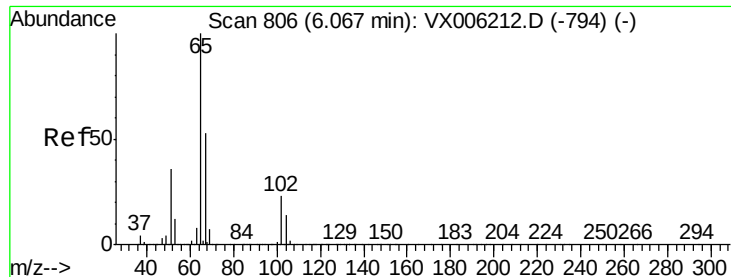
Tot Ion: 43 Resp: 5549
Ion Ratio Lower Upper
43 100
58 33.6 24.0 36.0



#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006403.D
Acq: 11 Dec 2018 06:52

Tgt Ion: 84 Resp: 1836
Ion Ratio Lower Upper
84 100
49 118.6 102.2 153.4
51 42.6 31.1 46.7
86 68.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.246 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006403.D

Acq: 11 Dec 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

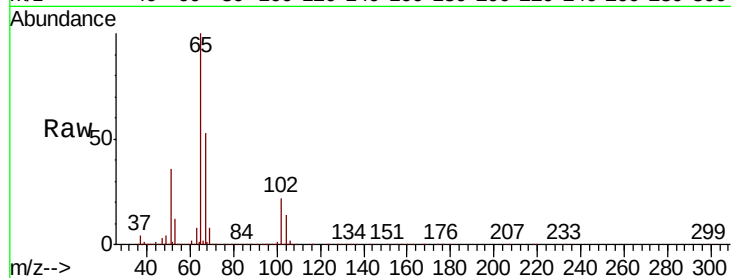
BPS1-TT-MW313S-20181206

Tot Ion: 65 Resp: 366651

Ion Ratio Lower Upper

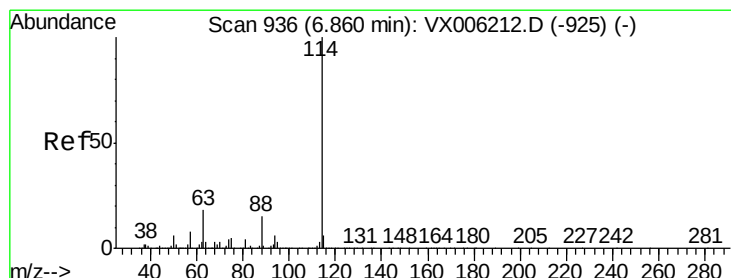
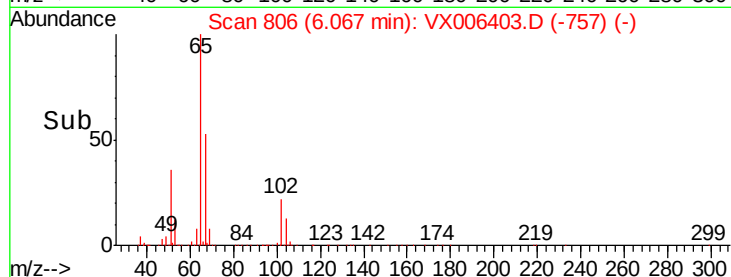
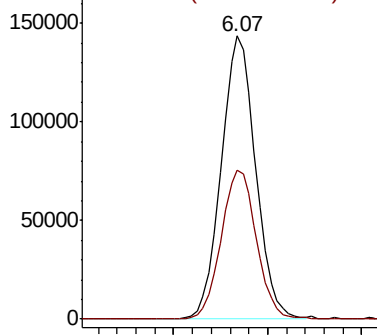
65 100

67 54.1 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006403.D

Acq: 11 Dec 2018 06:52

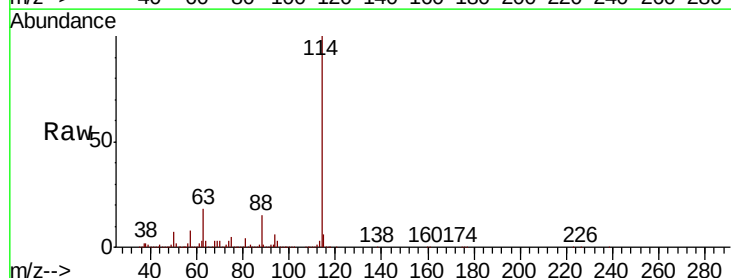
Tgt Ion: 114 Resp: 1095651

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.6

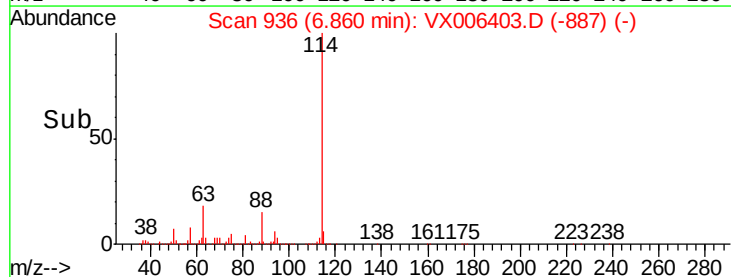
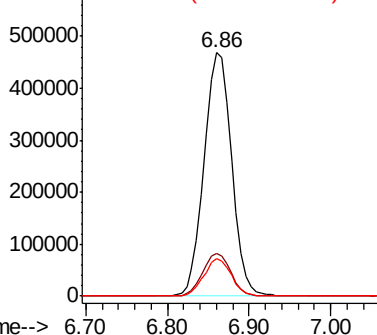
88 15.4 0.0 29.0

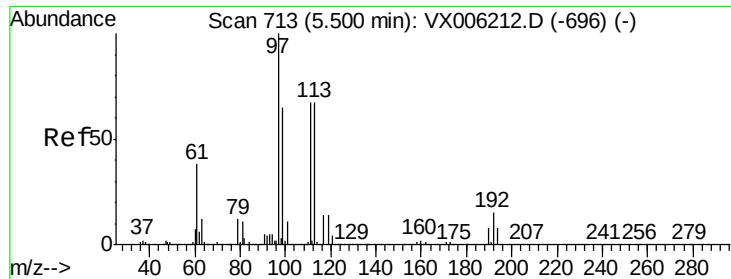


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

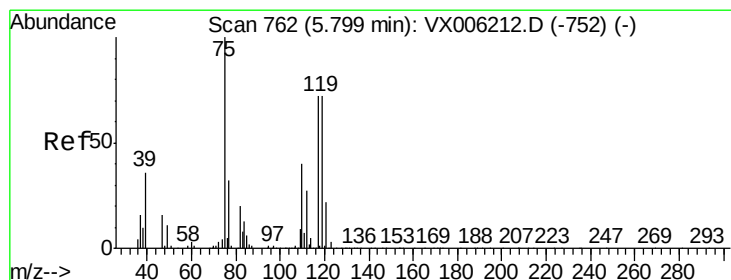
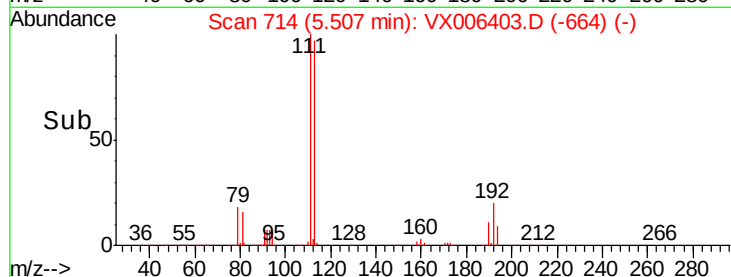
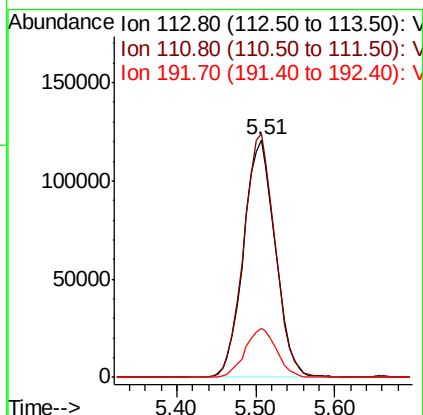
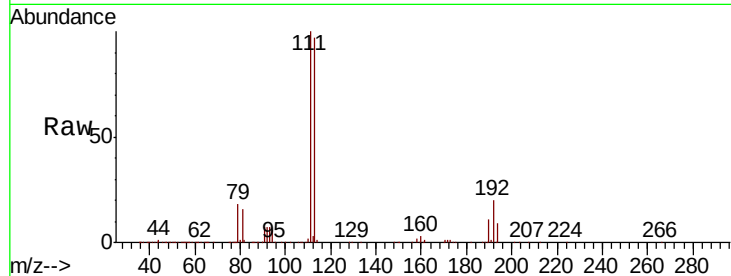




#35
 Dibromofluoromethane
 Concen: 47.606 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX006403.D
 Acq: 11 Dec 2018 06:52

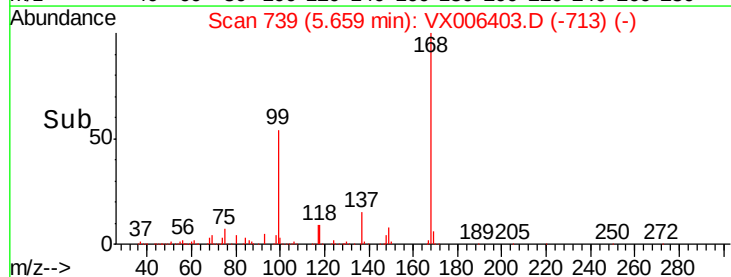
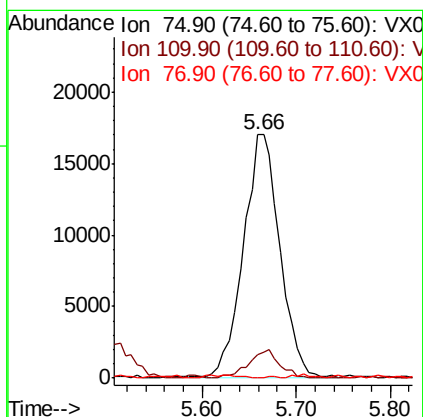
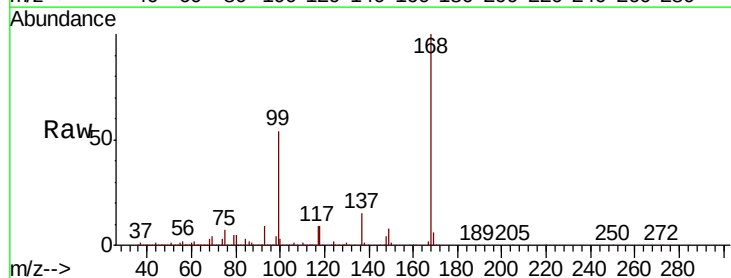
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW313S-20181206

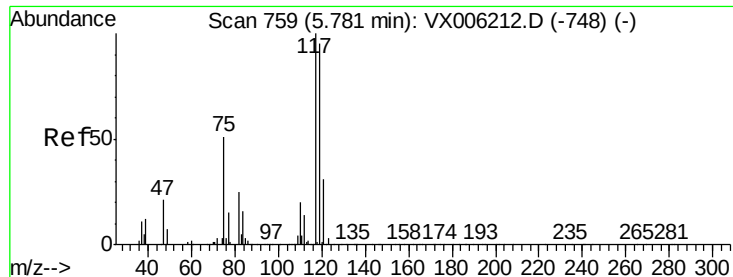
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.1	121.7
192	20.5	18.2	27.2



#36
 1,1-Dichloropropene
 Concen: 4.974 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006403.D
 Acq: 11 Dec 2018 06:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.0	20.4	61.3#
77	0.2	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.894 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006403.D

Acq: 11 Dec 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW313S-20181206

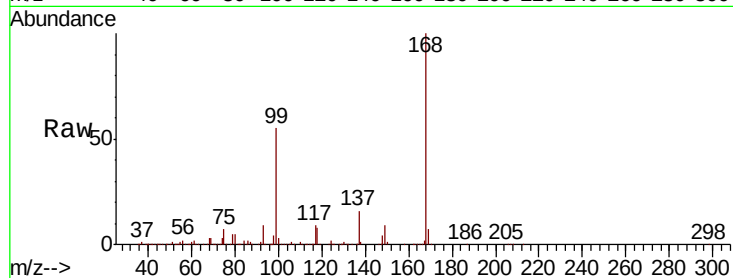
Tot Ion:117 Resp: 63977

Ion Ratio Lower Upper

117 100

119 3.3 75.8 113.8#

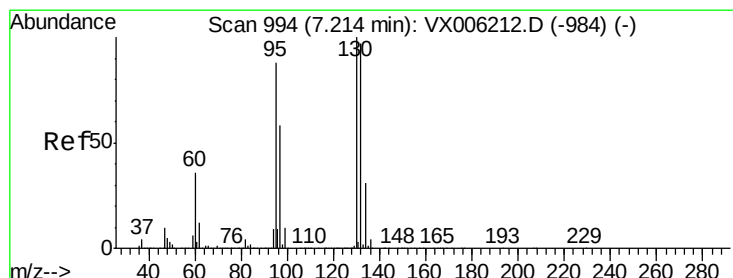
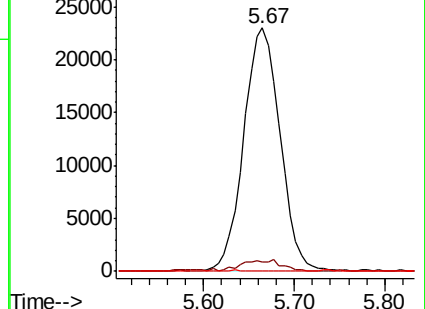
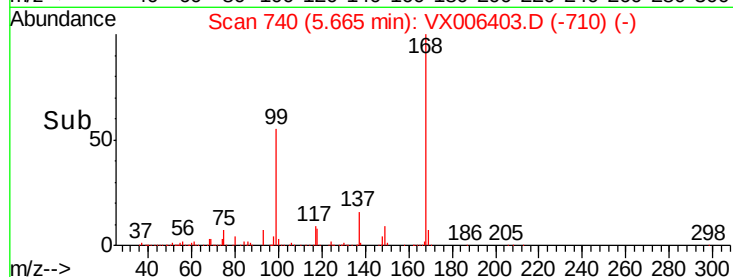
121 0.0 24.6 37.0#



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



#44

Trichloroethene

Concen: 0.212 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006403.D

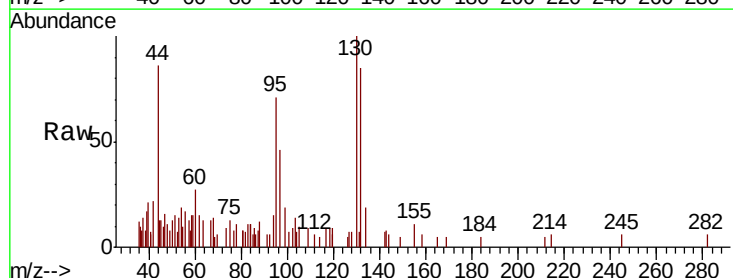
Acq: 11 Dec 2018 06:52

Tgt Ion:130 Resp: 1773

Ion Ratio Lower Upper

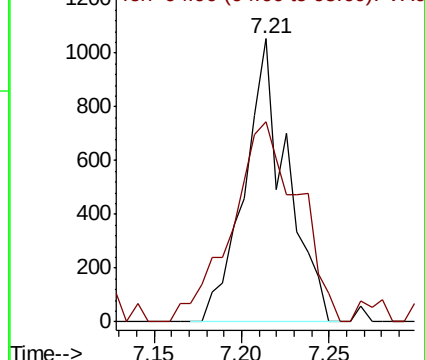
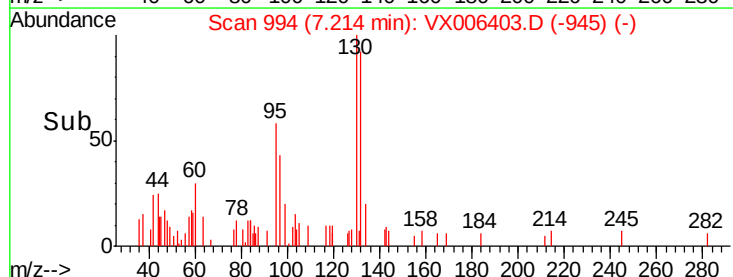
130 100

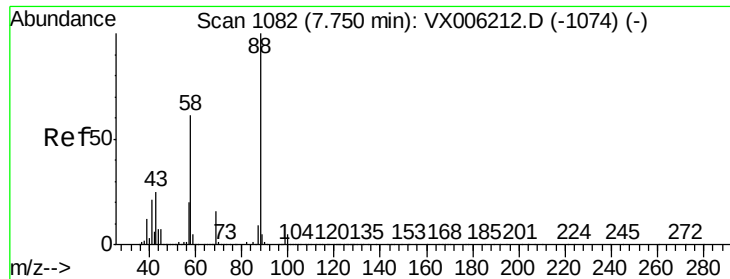
95 70.7 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

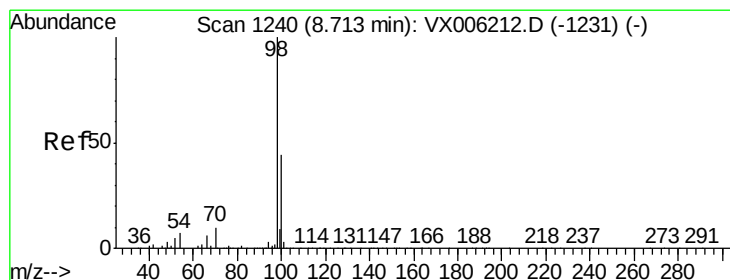
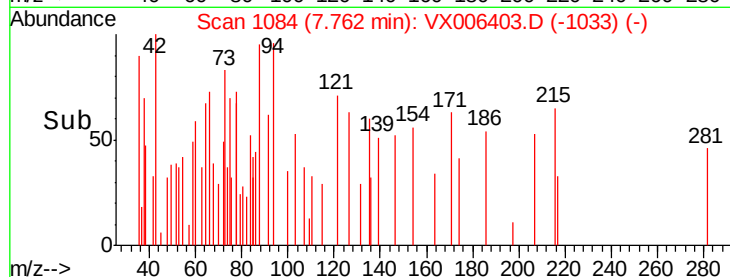
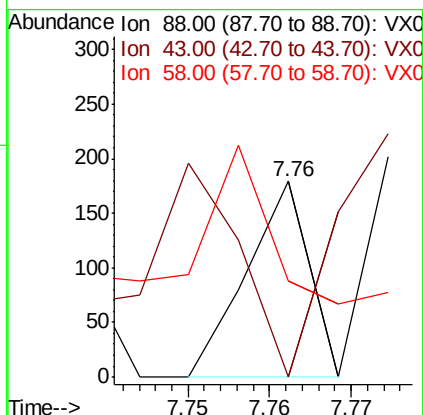
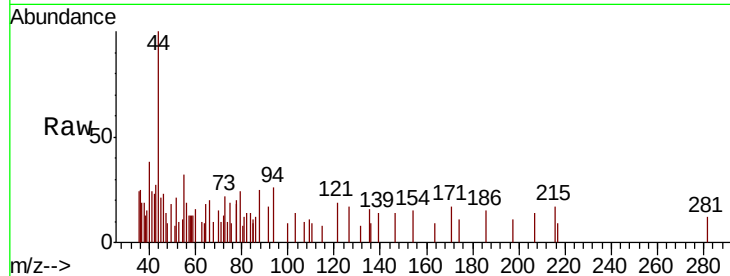




#49
1,4-Dioxane
Concen: 0.460 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006403.D
Acq: 11 Dec 2018 06:52

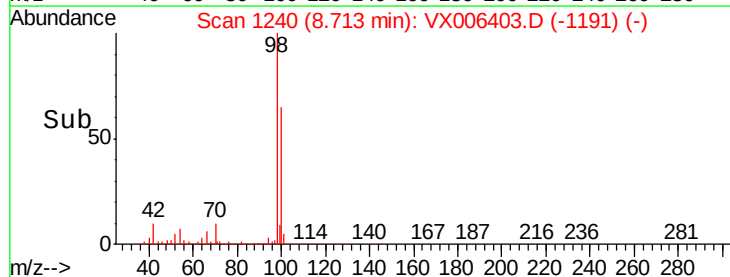
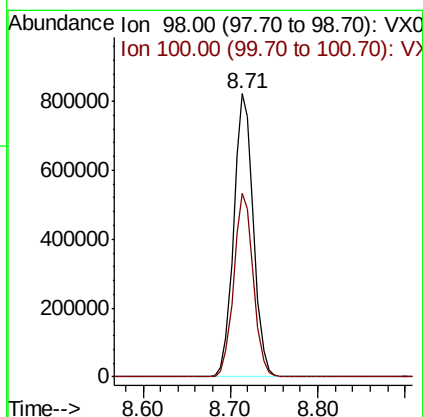
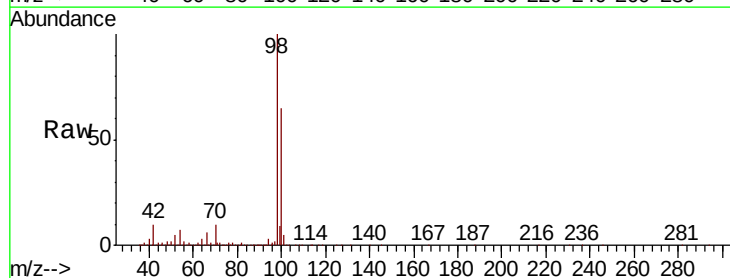
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW313S-20181206

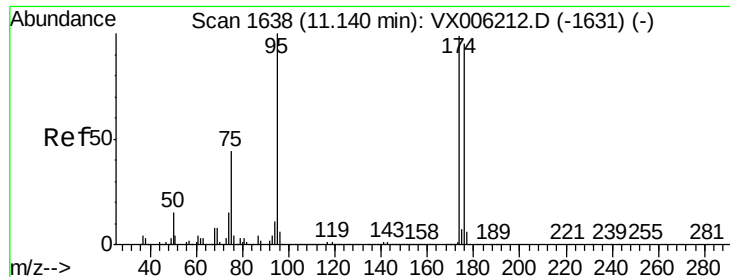
Tot Ion: 88 Resp: 95
Ion Ratio Lower Upper
88 100
43 152.6 23.2 34.8#
58 75.8 51.4 77.0



#50
Toluene-d8
Concen: 49.933 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006403.D
Acq: 11 Dec 2018 06:52

Tgt Ion: 98 Resp: 1288460
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2

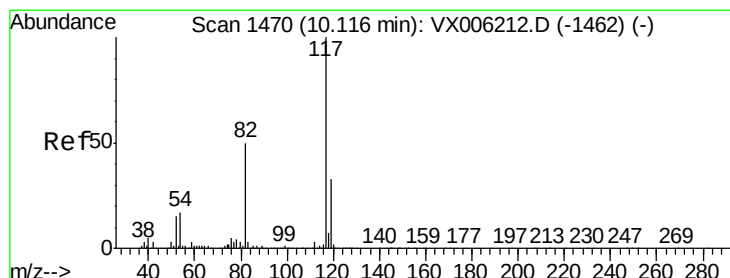
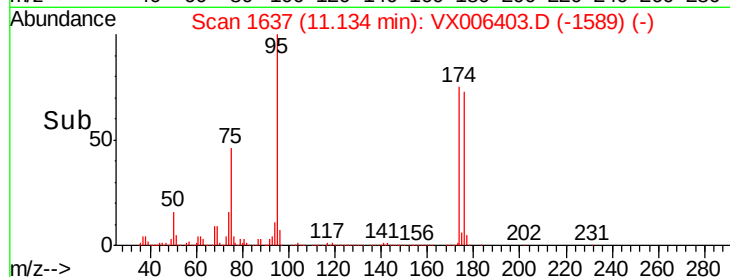
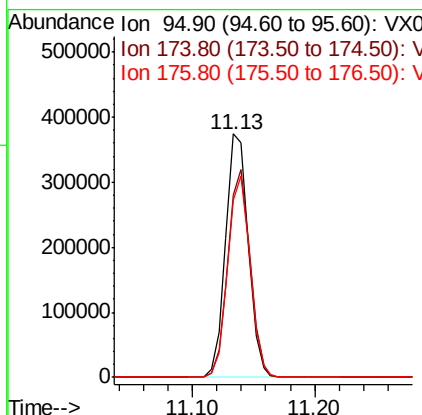
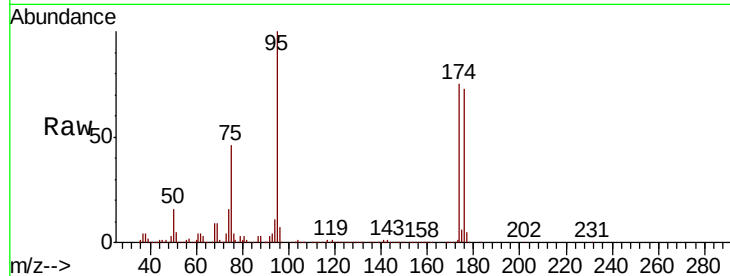




#62
4-Bromofluorobenzene
Concen: 49.420 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006403.D
Acq: 11 Dec 2018 06:52

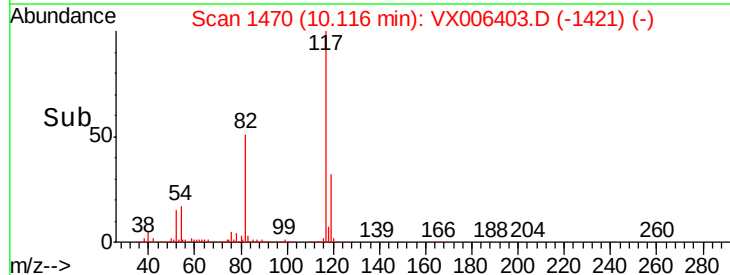
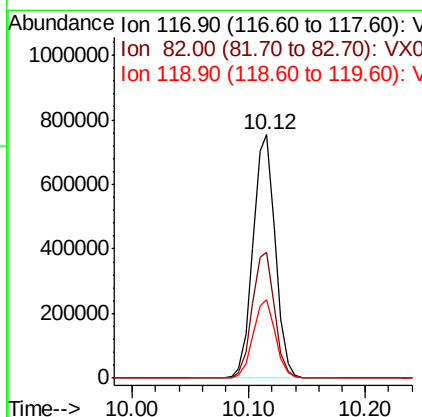
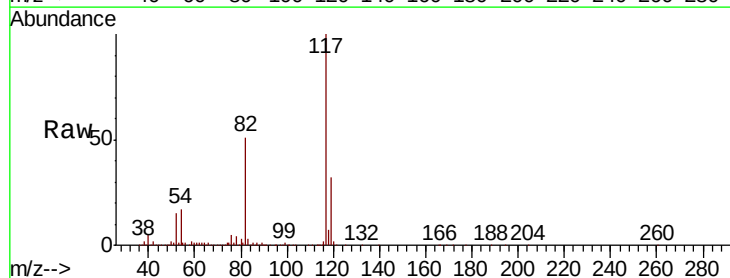
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW313S-20181206

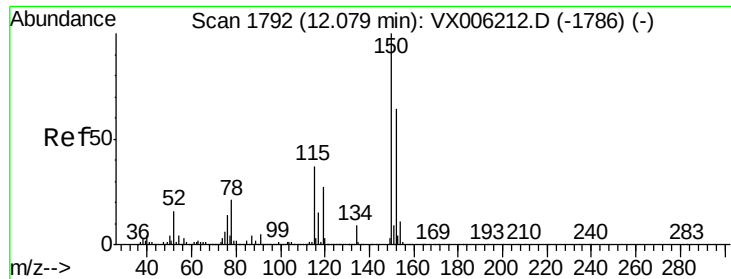
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	187.0
176	81.4	0.0	181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006403.D
Acq: 11 Dec 2018 06:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	39.6	59.4
119	32.2	26.3	39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006403.D

Acq: 11 Dec 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW313S-20181206

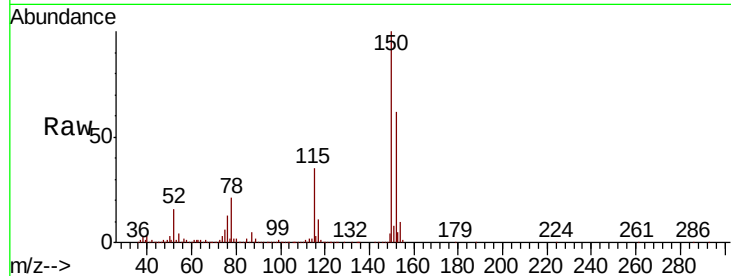
Tot Ion:152 Resp: 471134

Ion Ratio Lower Upper

152 100

115 57.5 39.0 116.9

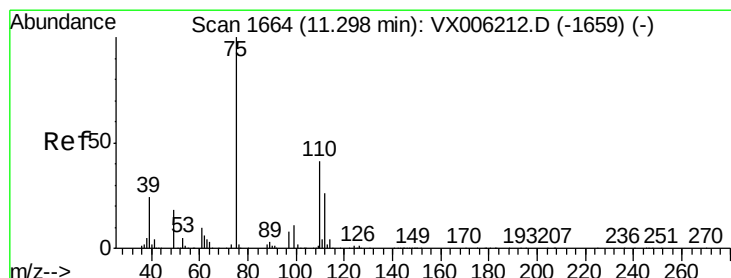
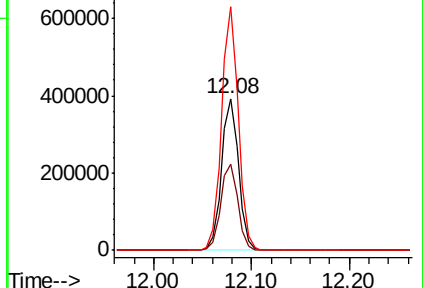
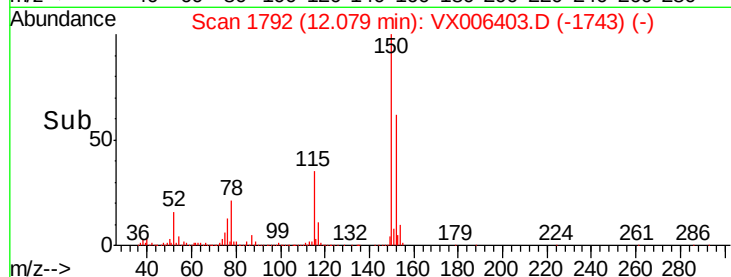
150 157.8 0.0 345.8



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: 23.962 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006403.D

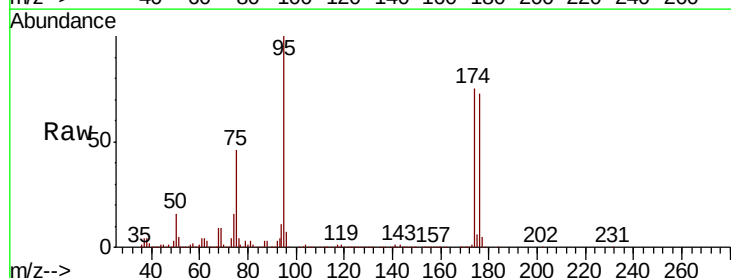
Acq: 11 Dec 2018 06:52

Tgt Ion: 75 Resp: 217899

Ion Ratio Lower Upper

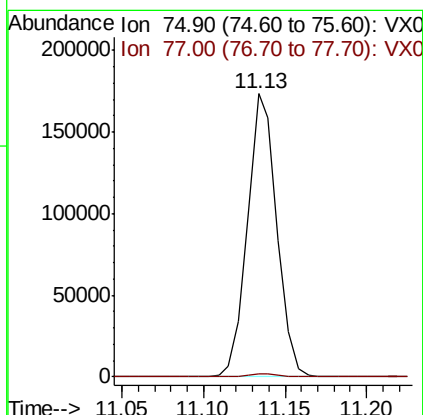
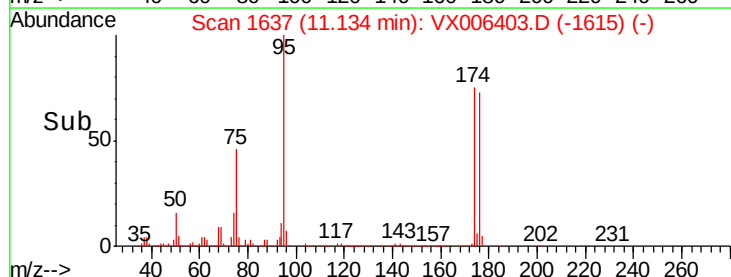
75 100

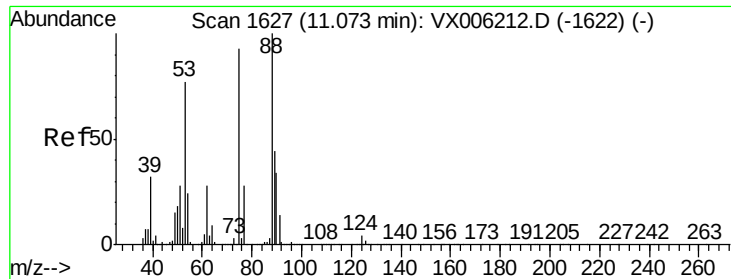
77 1.3 19.9 59.7#



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: 56.231 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006403.D

Acq: 11 Dec 2018 06:52

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW313S-20181206

Tot Ion: 75 Resp: 217899

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

