

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006382.D
 Acq On : 10 Dec 2018 20:39
 Operator : JC/MD
 Sample : J6288-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308D-20181206

Quant Time: Dec 11 04:00:21 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	734500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1139060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1050208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	510588	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	379326	50.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.18%	
35) Dibromofluoromethane	5.51	113	352240	47.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.52%	
50) Toluene-d8	8.71	98	1351466	50.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.13	95	505695	50.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.06%	

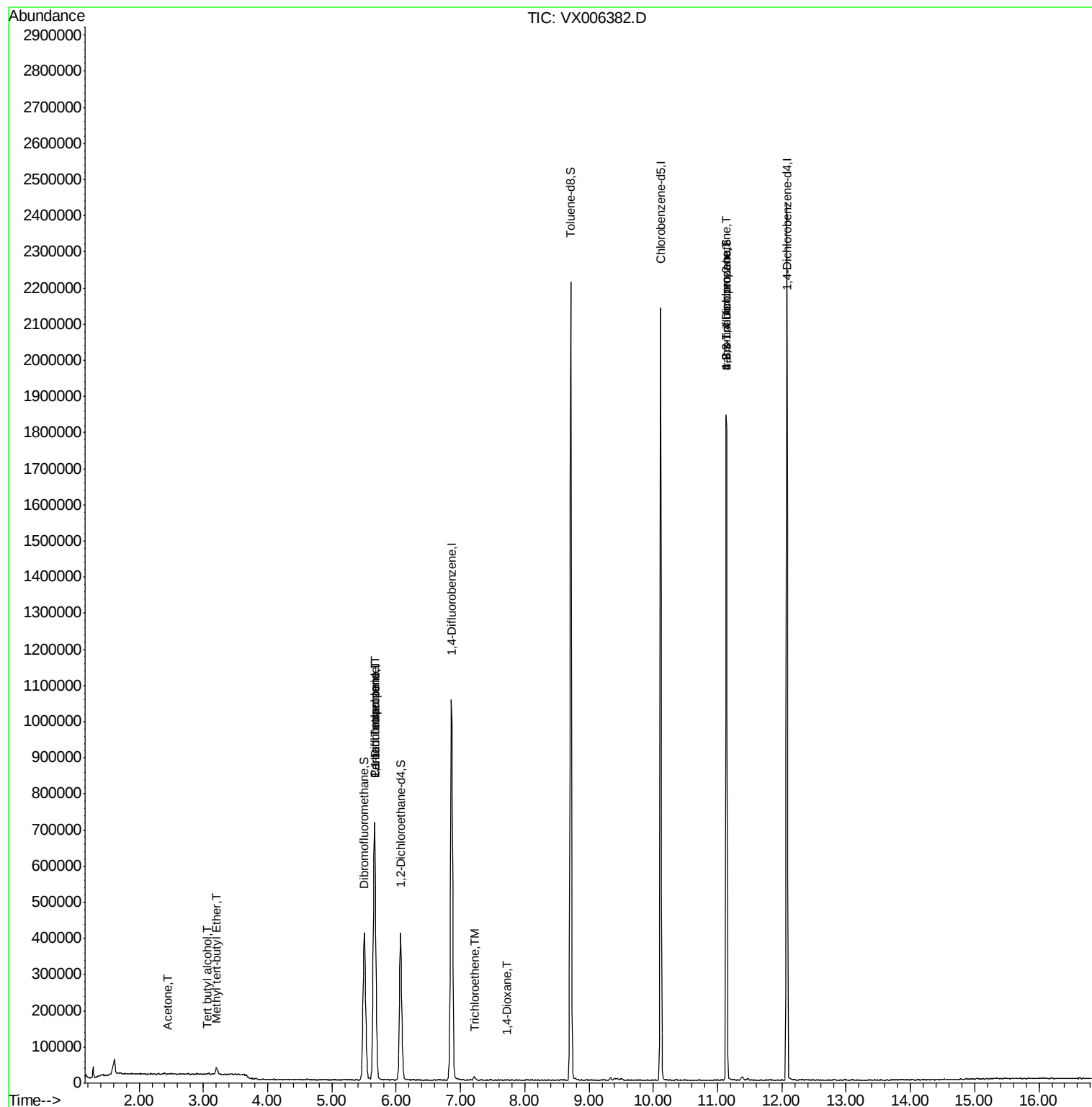
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	2778	1.355	ug/l	97
16) Acetone	2.45	43	994	0.282	ug/l #	41
19) Methyl tert-butyl Ether	3.21	73	19577	0.826	ug/l	93
36) 1,1-Dichloropropene	5.66	75	46650	4.863	ug/l #	49
38) Carbon Tetrachloride	5.66	117	68606	6.080	ug/l #	17
44) Trichloroethene	7.22	130	3873	0.445	ug/l	97
49) 1,4-Dioxane	7.73	88	209	0.973	ug/l #	3
76) 1,2,3-Trichloropropane	11.13	75	228260	23.161	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	228260	54.353	ug/l #	15

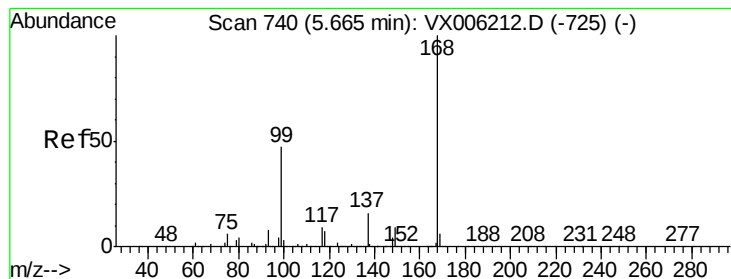
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
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Quant Time: Dec 11 04:00:21 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: VX006382.D

Acq: 10 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

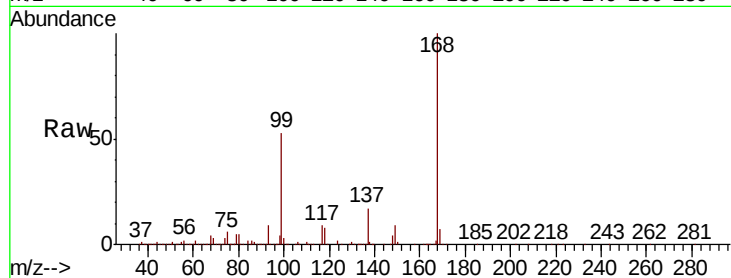
BPS1-TT-MW308D-20181206

Tot Ion:168 Resp: 734500

Ion Ratio Lower Upper

168 100

99 53.4 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

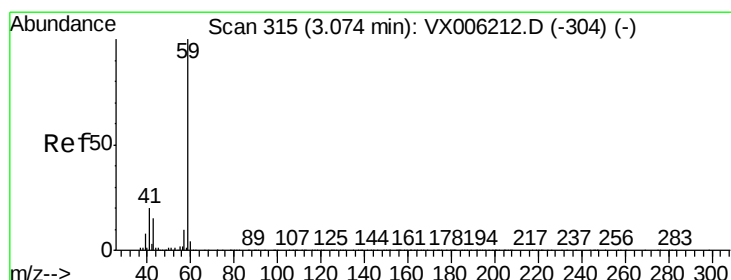
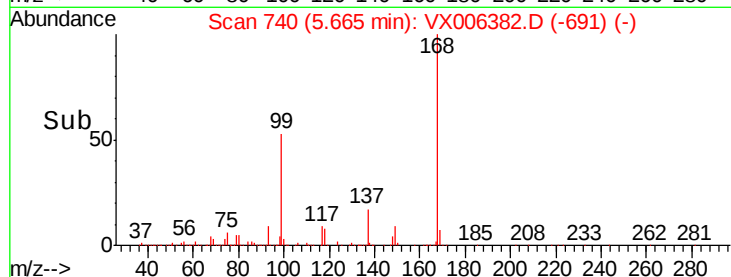
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 1.355 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006382.D

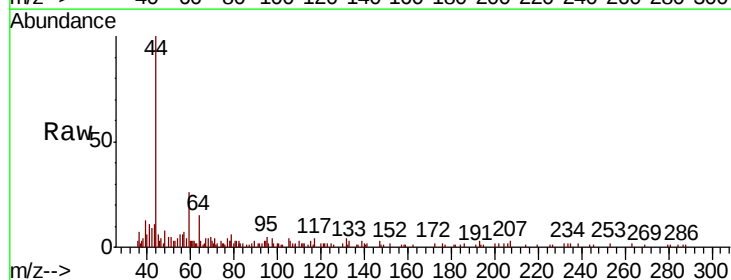
Acq: 10 Dec 2018 20:39

Tgt Ion: 59 Resp: 2778

Ion Ratio Lower Upper

59 100

57 11.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

1500

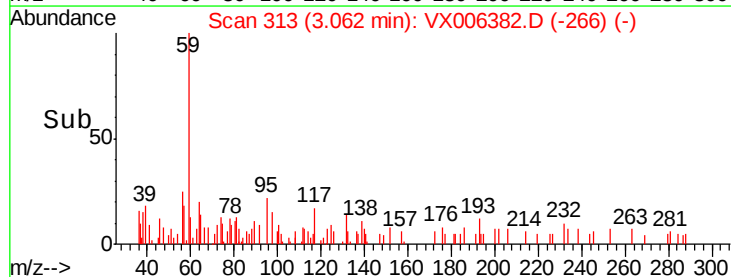
1000

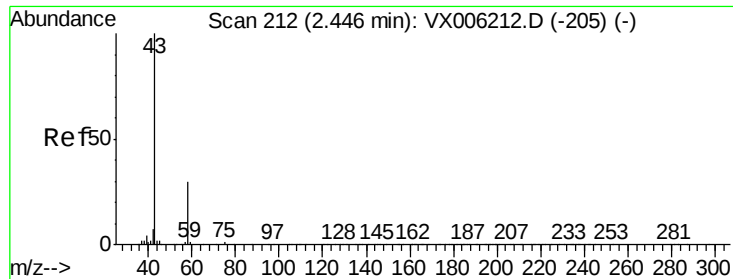
500

0

Time-->

3.00 3.05 3.10 3.15

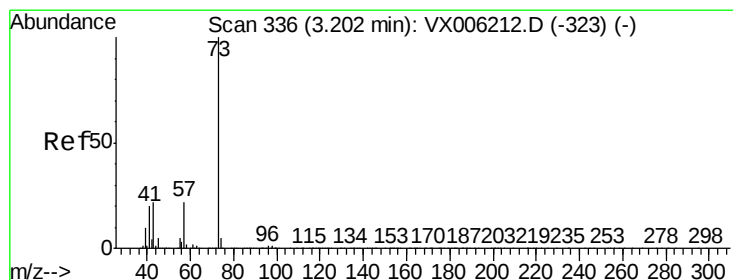
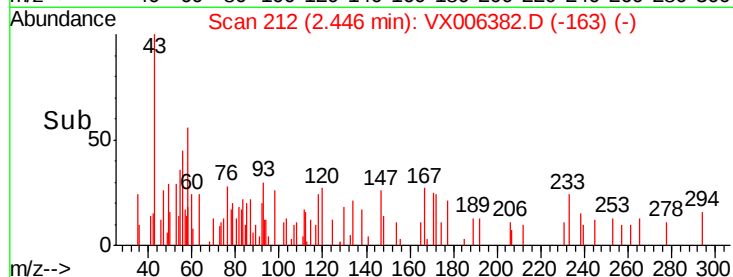
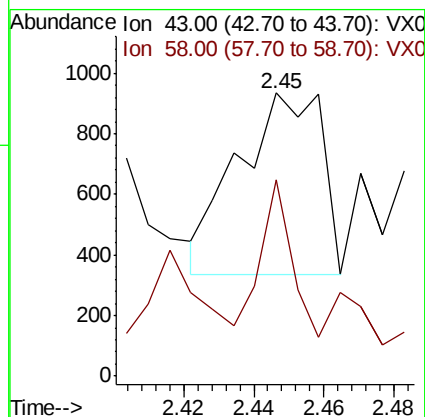
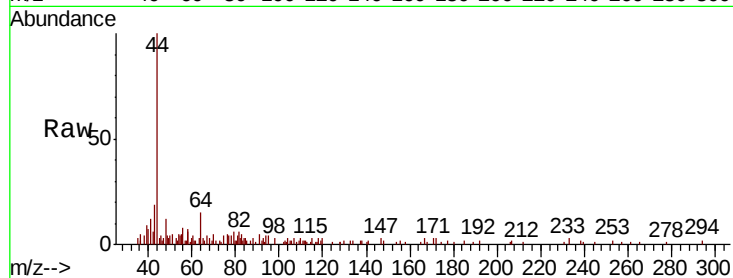




#16
Acetone
Concen: 0.282 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006382.D
Acq: 10 Dec 2018 20:39

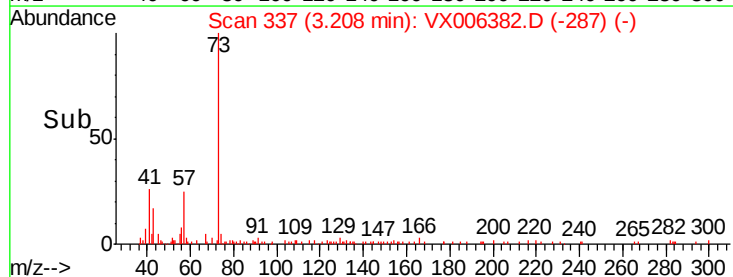
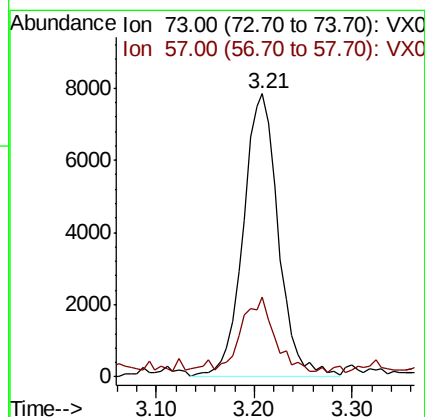
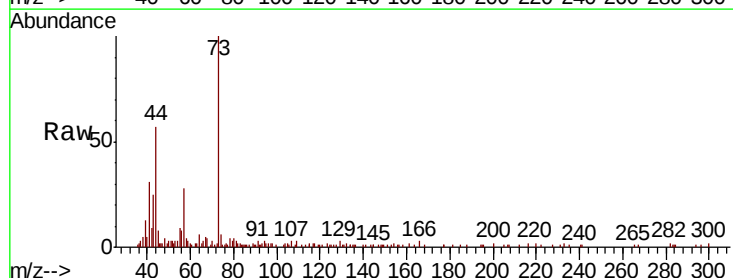
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308D-20181206

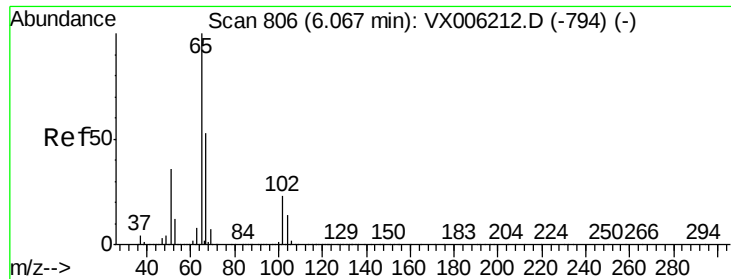
Tot Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
58 61.8 24.0 36.0#



#19
Methyl tert-butyl Ether
Concen: 0.826 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX006382.D
Acq: 10 Dec 2018 20:39

Tgt Ion: 73 Resp: 19577
Ion Ratio Lower Upper
73 100
57 25.3 17.5 26.3

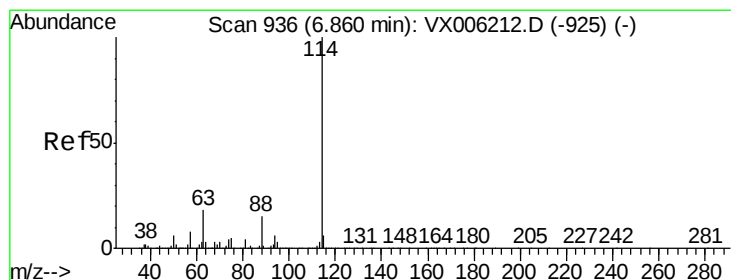
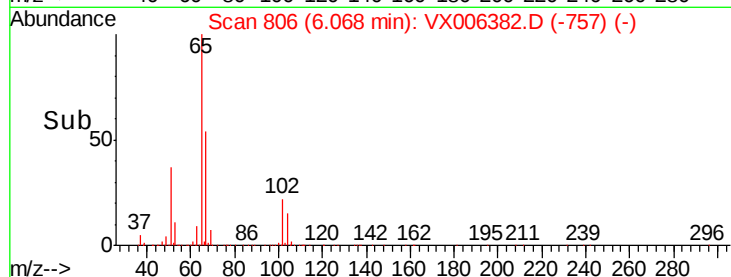
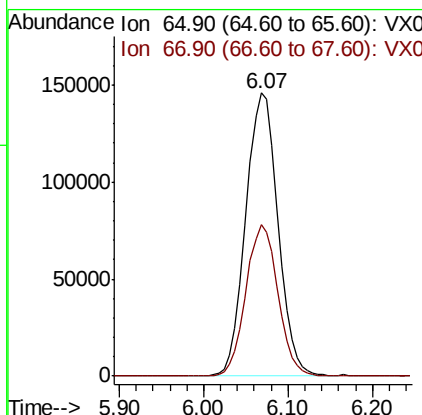
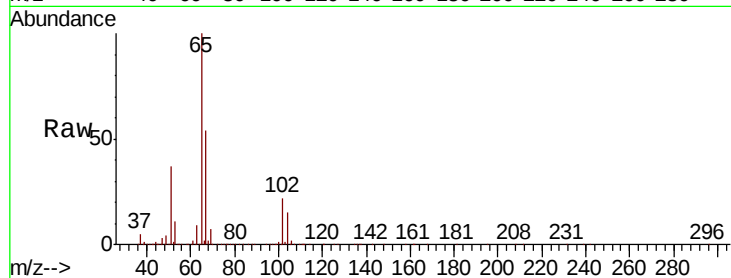




#33
 1,2-Dichloroethane-d4
 Concen: 50.590 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006382.D
 Acq: 10 Dec 2018 20:39

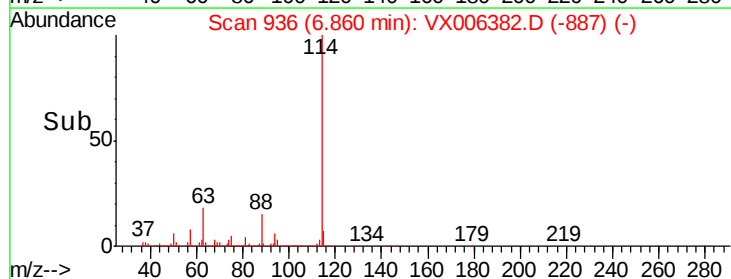
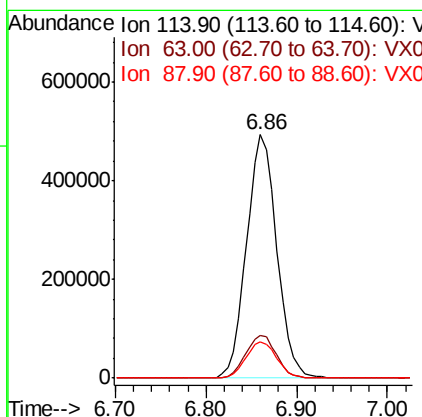
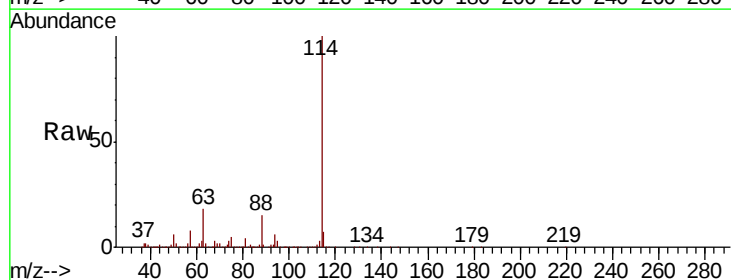
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW308D-20181206

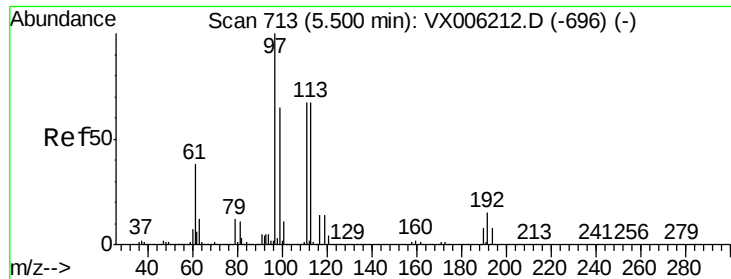
Tot Ion: 65 Resp: 379326
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006382.D
 Acq: 10 Dec 2018 20:39

Tgt Ion: 114 Resp: 1139060
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.6
 88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.762 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006382.D

Acq: 10 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW308D-20181206

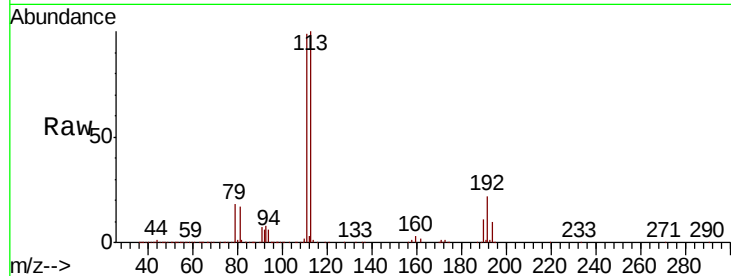
Tot Ion:113 Resp: 352240

Ion Ratio Lower Upper

113 100

111 101.6 81.1 121.7

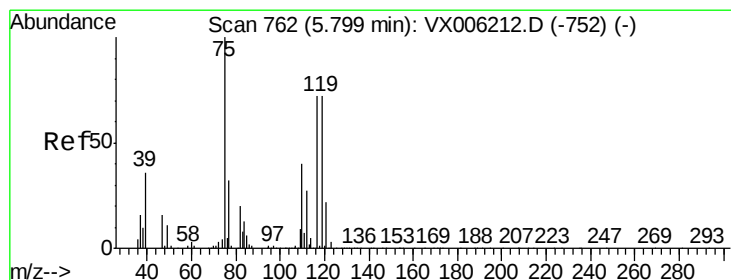
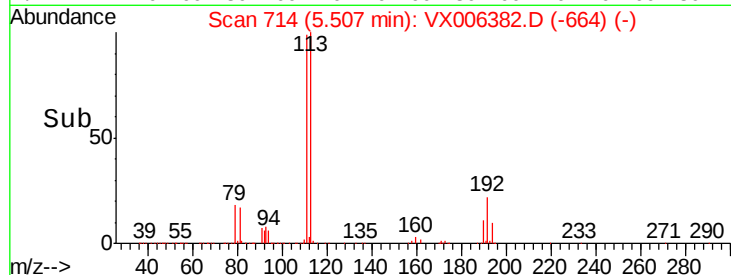
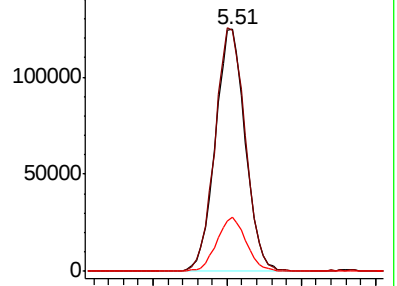
192 21.7 18.2 27.2



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: 4.863 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006382.D

Acq: 10 Dec 2018 20:39

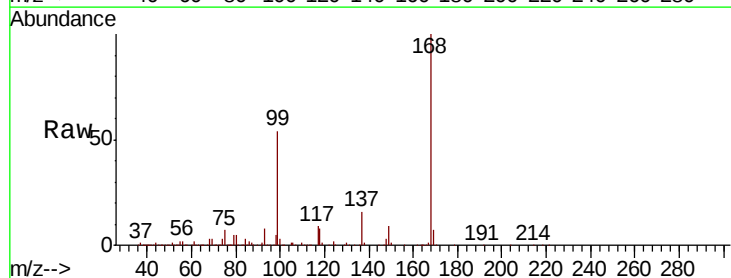
Tgt Ion: 75 Resp: 46650

Ion Ratio Lower Upper

75 100

110 10.9 20.4 61.3#

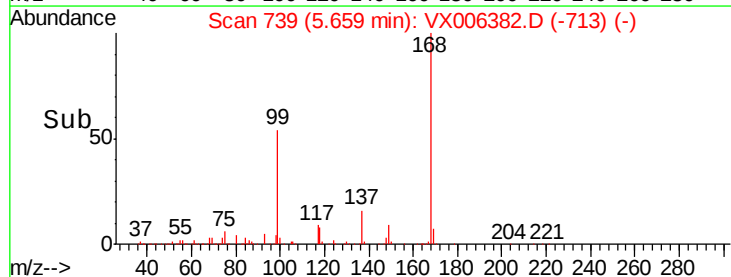
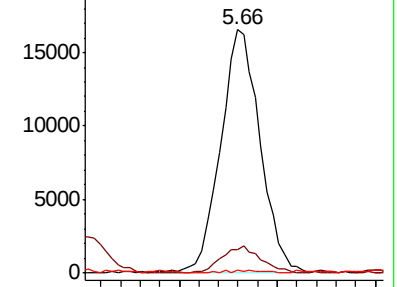
77 1.2 24.9 37.3#

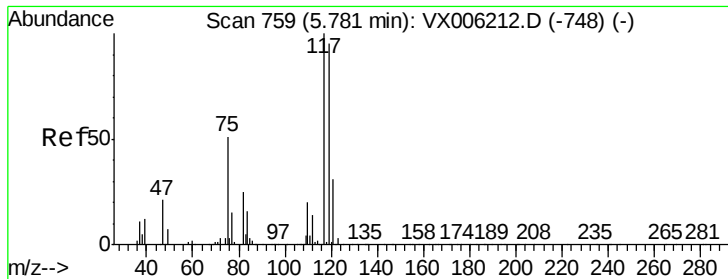


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.080 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006382.D

Acq: 10 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW308D-20181206

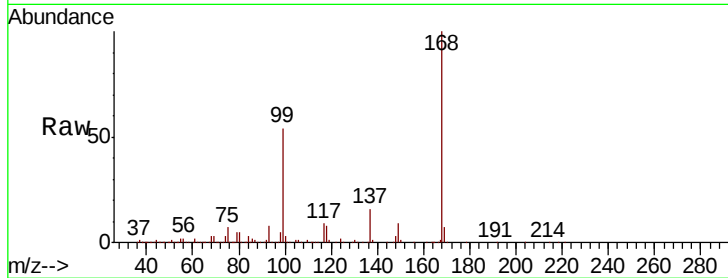
Tot Ion:117 Resp: 68606

Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.8#

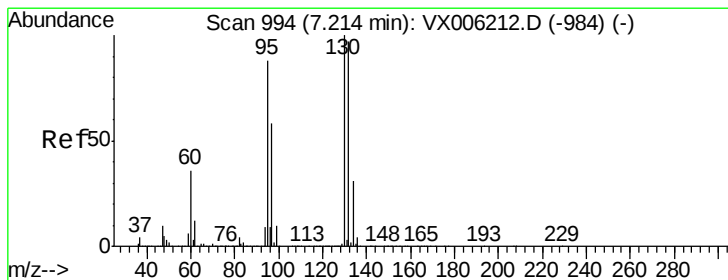
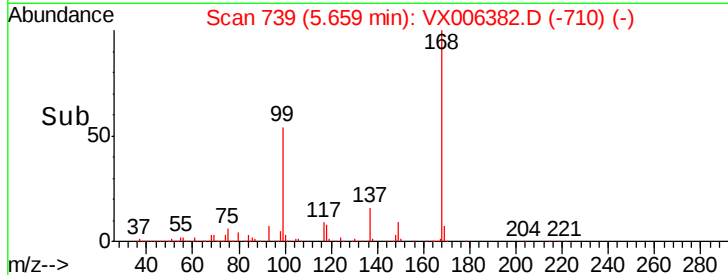
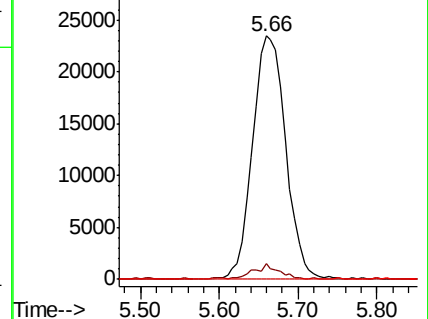
121 0.0 24.6 37.0#



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: 0.445 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX006382.D

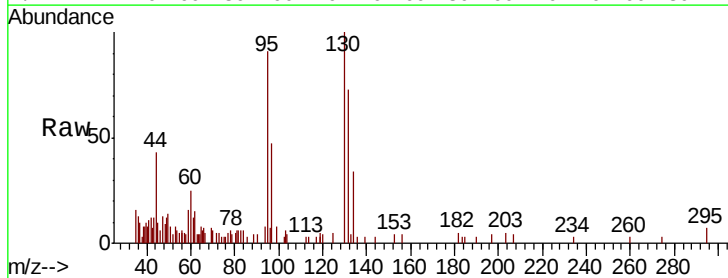
Acq: 10 Dec 2018 20:39

Tgt Ion:130 Resp: 3873

Ion Ratio Lower Upper

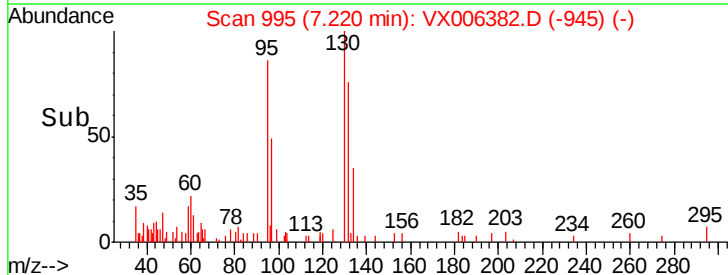
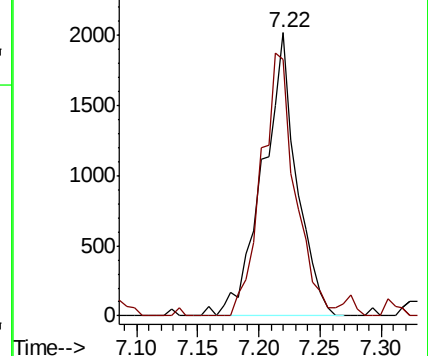
130 100

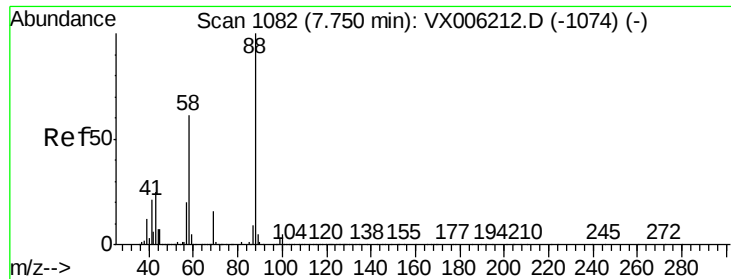
95 90.8 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

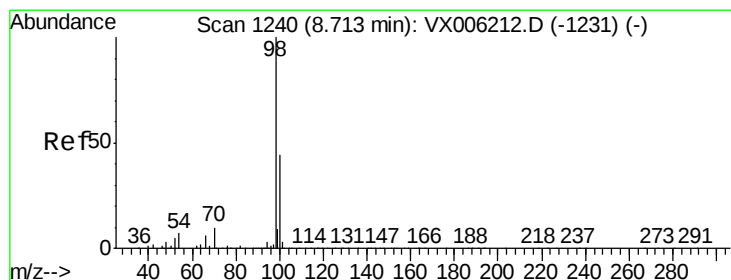
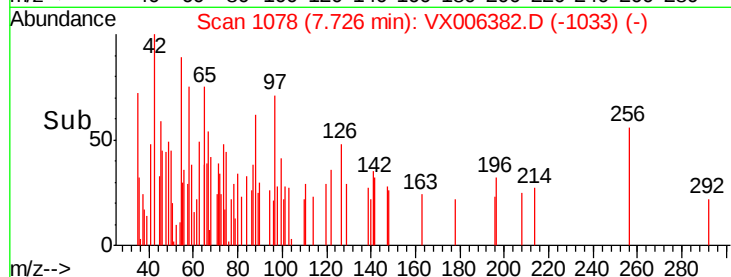
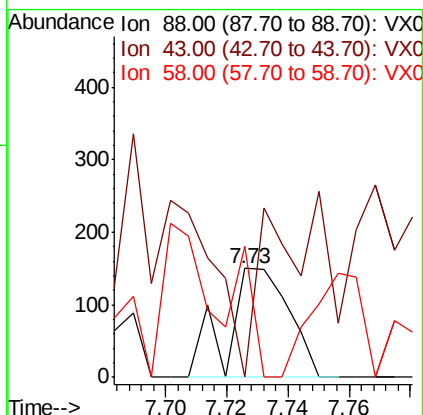
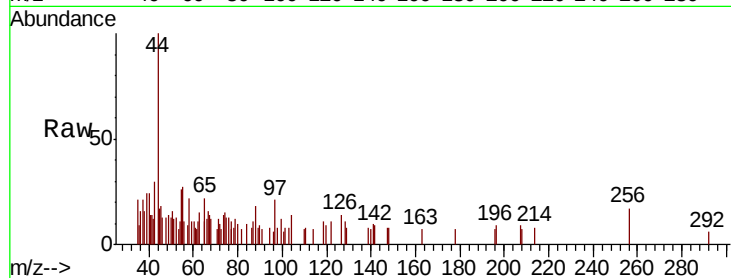




#49
1,4-Dioxane
Concen: 0.973 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.02 min
Lab File: VX006382.D
Acq: 10 Dec 2018 20:39

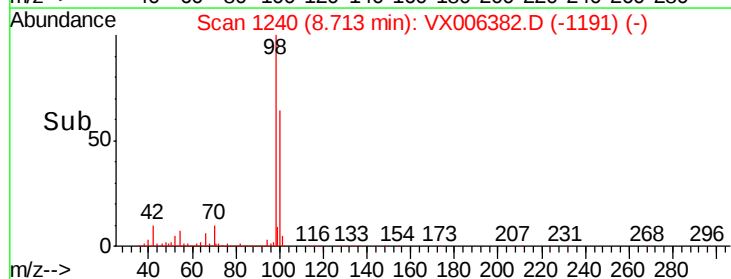
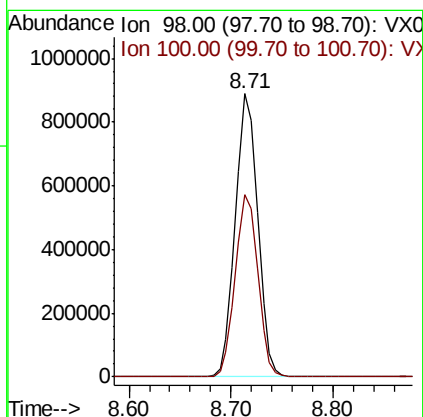
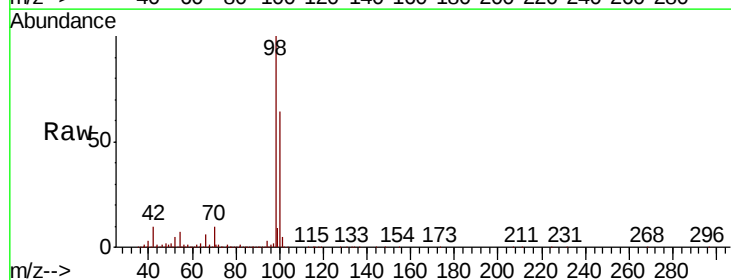
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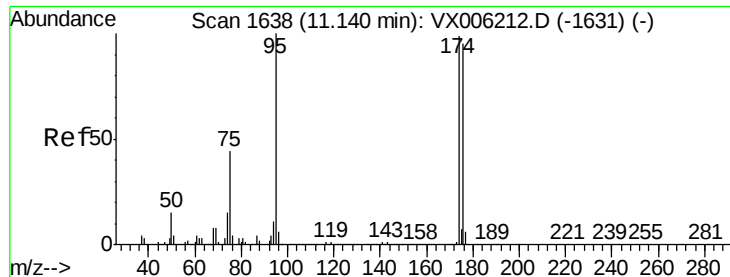
Tot Ion: 88 Resp: 209
Ion Ratio Lower Upper
88 100
43 98.1 23.2 34.8#
58 0.0 51.4 77.0#



#50
Toluene-d8
Concen: 50.379 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006382.D
Acq: 10 Dec 2018 20:39

Tgt Ion: 98 Resp: 1351466
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

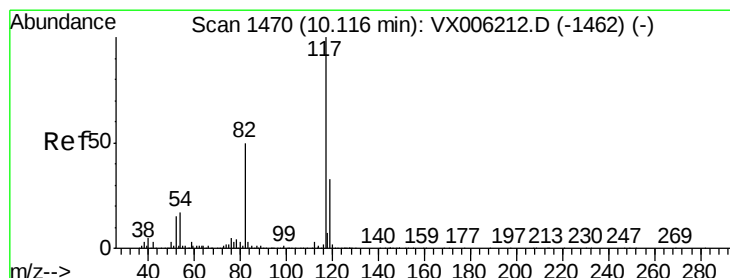
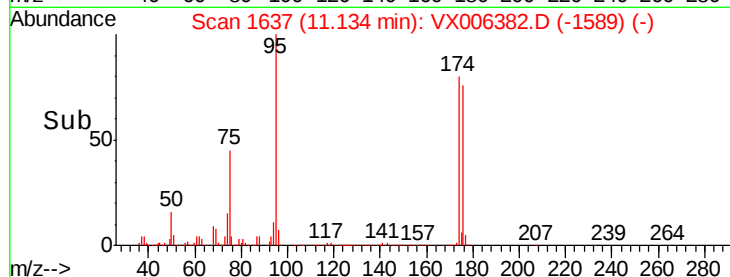
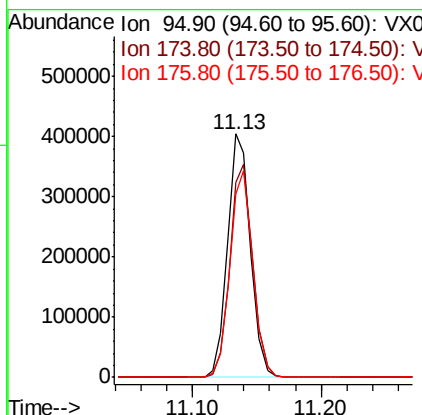
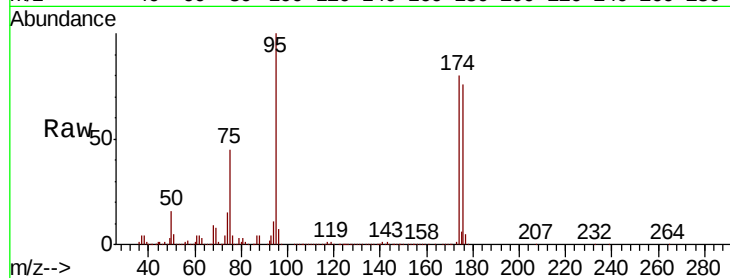




#62
4-Bromofluorobenzene
Concen: 50.025 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.01 min
Lab File: VX006382.D
Acq: 10 Dec 2018 20:39

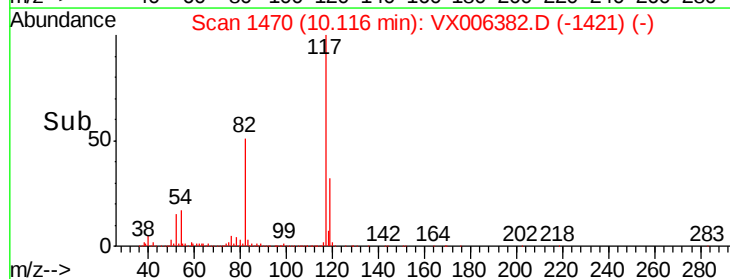
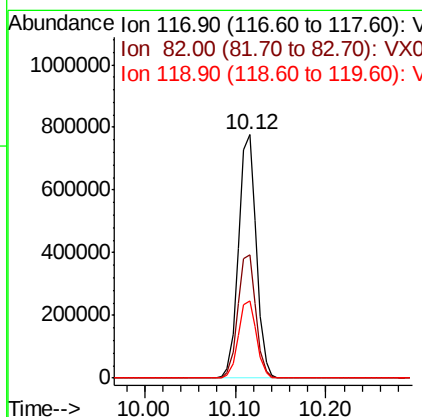
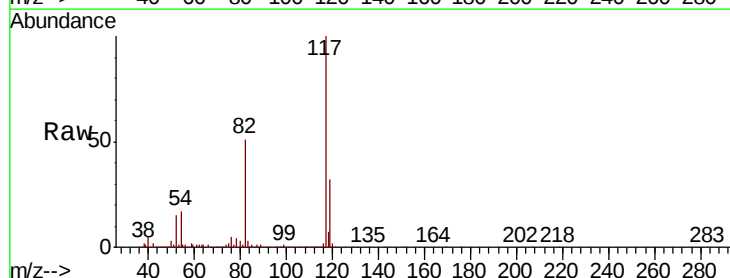
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308D-20181206

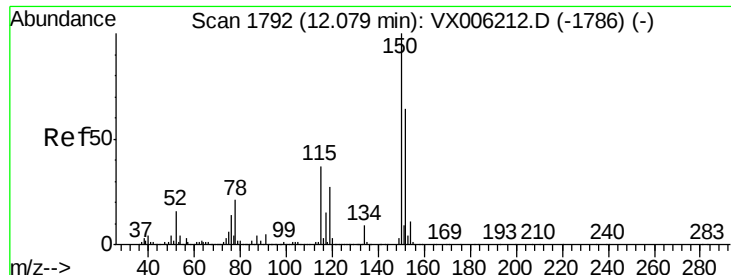
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.2	0.0	187.0
176	84.8	0.0	181.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006382.D
Acq: 10 Dec 2018 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.6	39.6	59.4
119	31.9	26.3	39.5



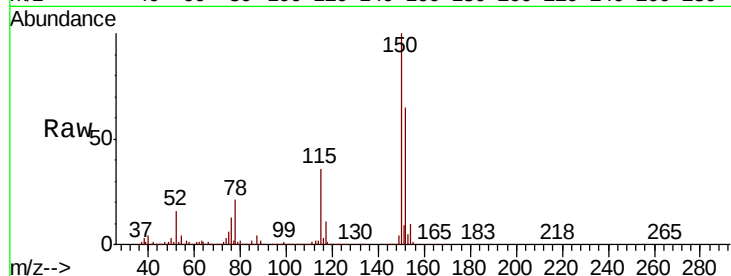


#72

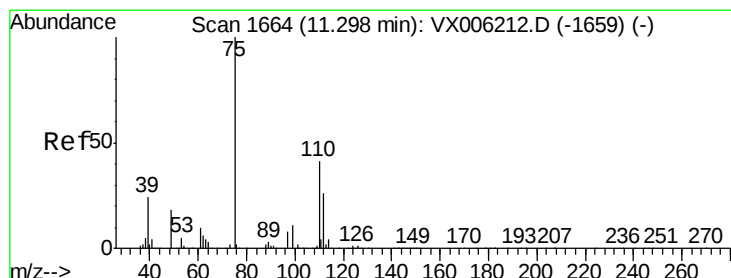
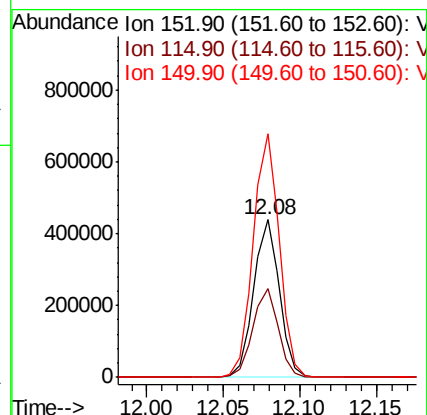
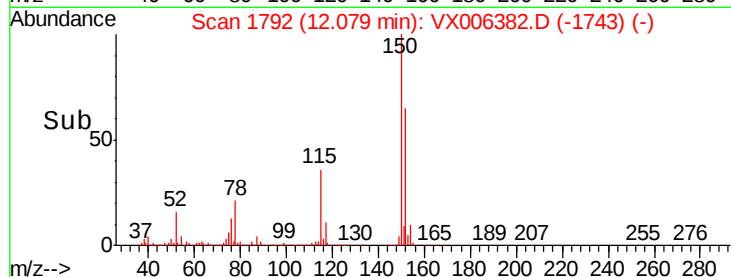
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006382.D
Acq: 10 Dec 2018 20:39

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW308D-20181206

Tot Ion:152 Resp: 510588
Ion Ratio Lower Upper
152 100
115 55.7 39.0 116.9
150 157.0 0.0 345.8



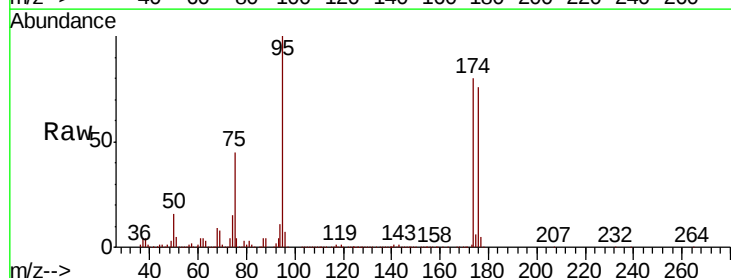
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



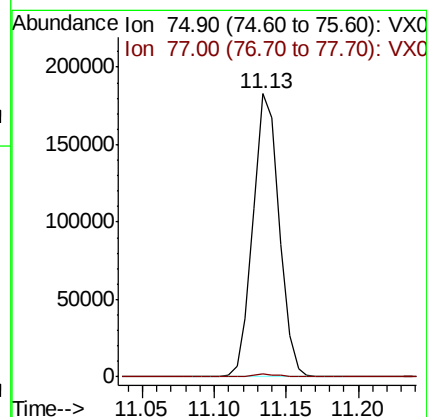
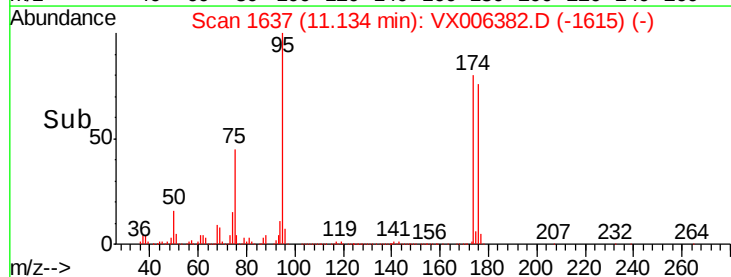
#76

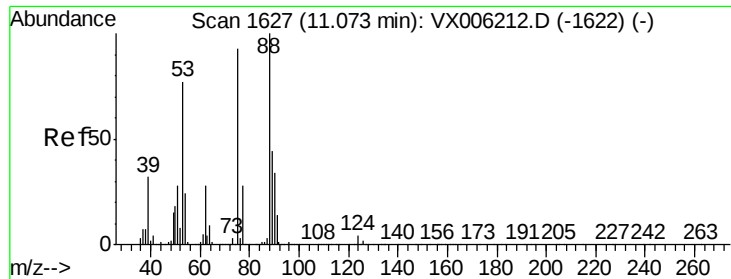
1,2,3-Trichloropropane
Concen: 23.161 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006382.D
Acq: 10 Dec 2018 20:39

Tgt Ion: 75 Resp: 228260
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: 54.353 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006382.D

Acq: 10 Dec 2018 20:39

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW308D-20181206

Tot Ion: 75 Resp: 228260

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

