

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010125.D
 Acq On : 07 Jun 2019 21:44
 Operator : JC/SP
 Sample : K3221-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301S-20190605

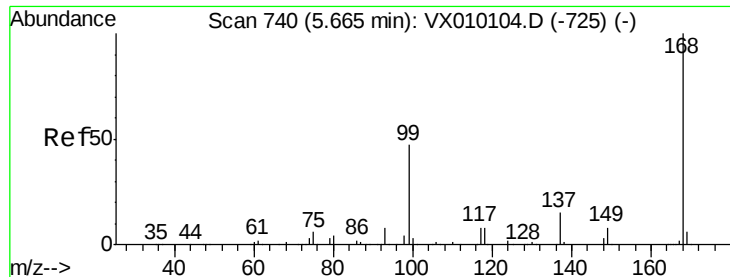
Quant Time: Jun 08 02:24:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	317447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	485887	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	440063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206200	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	146789	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
35) Dibromofluoromethane	5.50	113	149700	49.95	ug/l	0.00
Spiked Amount			Recovery	=	99.90%	
50) Toluene-d8	8.71	98	569390	50.69	ug/l	0.00
Spiked Amount			Recovery	=	101.38%	
62) 4-Bromofluorobenzene	11.13	95	202461	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	301	0.293	ug/l #	3
6) Chloroethane	1.65	64	1408	1.024	ug/l #	49
11) Tert butyl alcohol	3.03	59	1500	1.976	ug/l	99
13) Acrolein	2.31	56	137	0.990	ug/l #	14
16) Acetone	2.45	43	3772	2.588	ug/l	92
31) Cyclohexane	5.66	56	5176	1.148	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	18773	4.736	ug/l #	52
38) Carbon Tetrachloride	5.66	117	27447	6.117	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	92193	22.353	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	92193	49.388	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010125.D

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MSVOA_X

ClientSampleId :

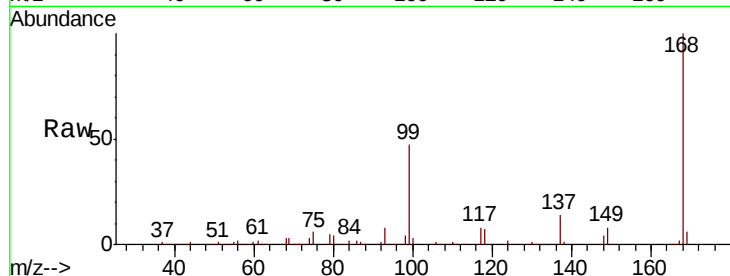
BPS1-TT-MW301S-20190605

Tot Ion:168 Resp: 317447

Ion Ratio Lower Upper

168 100

99 47.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

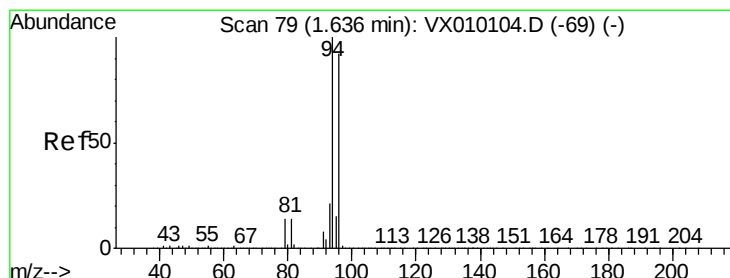
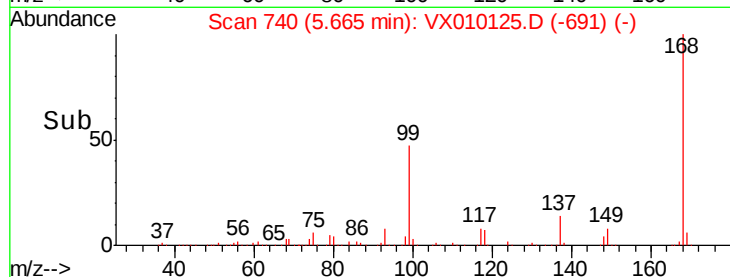
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.293 ug/l

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX010125.D

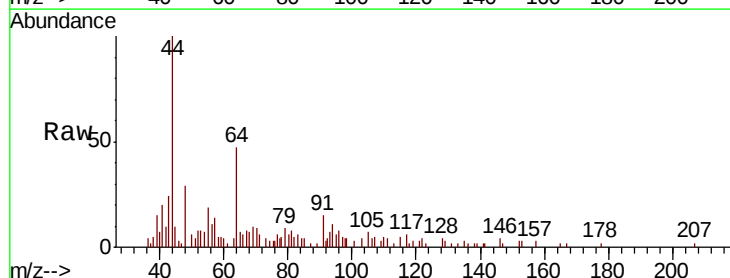
Acq: 07 Jun 2019 21:44

Tgt Ion: 94 Resp: 301

Ion Ratio Lower Upper

94 100

96 1.2 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

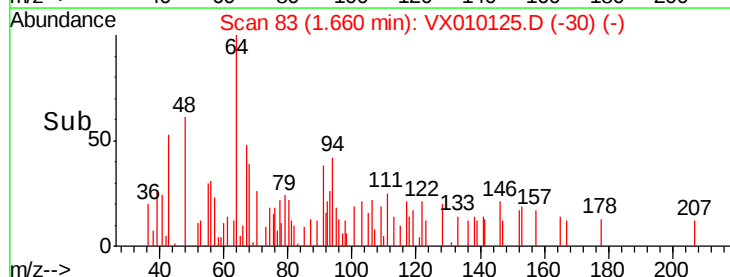
300

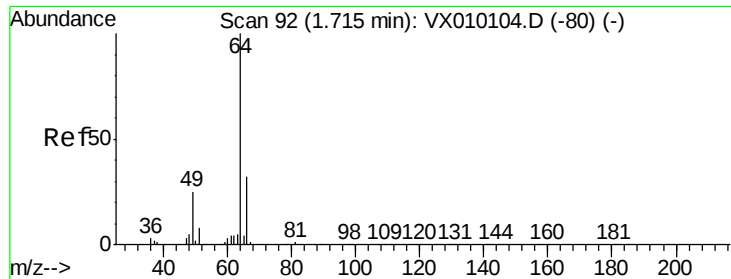
200

100

0

Time--> 1.65 1.70





#6

Chloroethane

Concen: 1.024 ug/l

RT: 1.65 min Scan# 81

Delta R.T. -0.07 min

Lab File: VX010125.D

Acq: 07 Jun 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

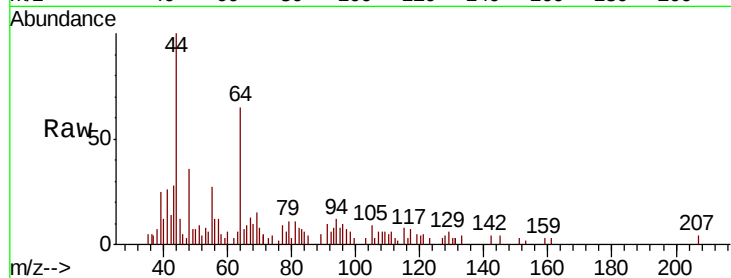
BPS1-TT-MW301S-20190605

Tot Ion: 64 Resp: 1408

Ion Ratio Lower Upper

64 100

66 3.4 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1500

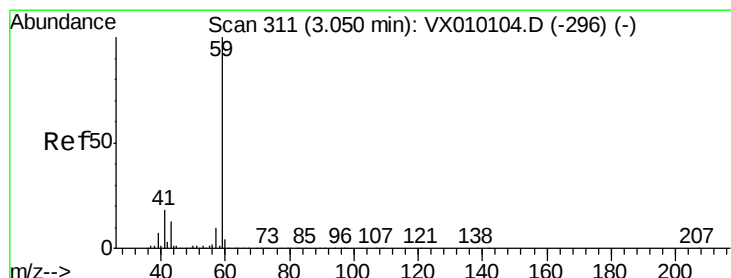
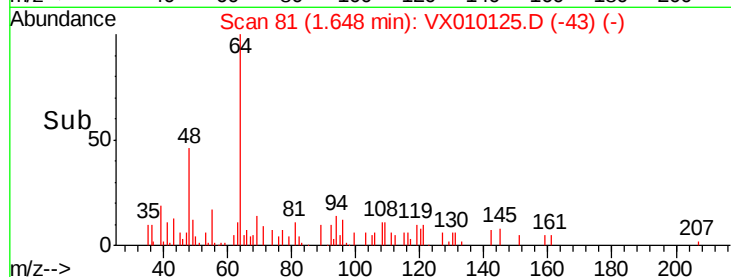
1000

500

0

Time-->

1.60 1.65



#11

Tert butyl alcohol

Concen: 1.976 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX010125.D

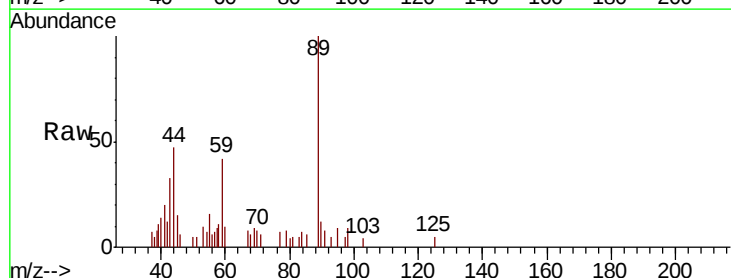
Acq: 07 Jun 2019 21:44

Tgt Ion: 59 Resp: 1500

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

600

500

400

300

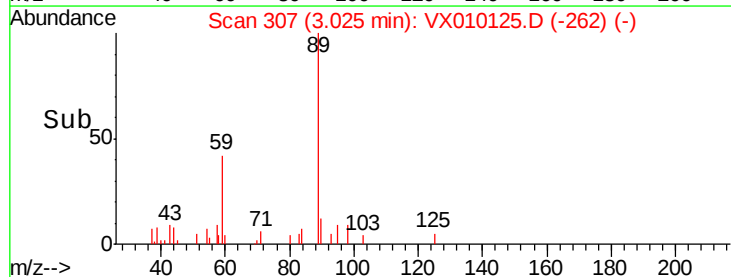
200

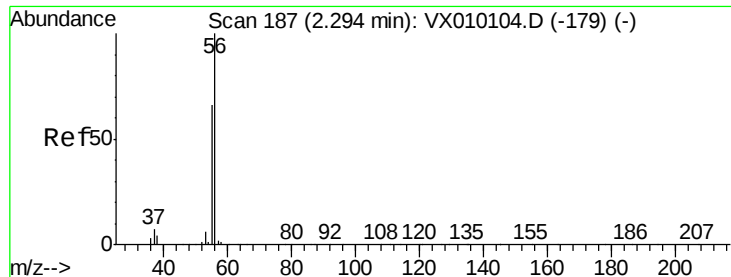
100

0

Time-->

2.95 3.00 3.05 3.10





#13

Acrolein

Concen: 0.990 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.02 min

Lab File: VX010125.D

Acq: 07 Jun 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

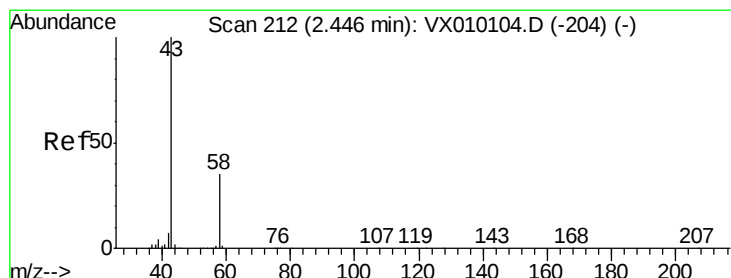
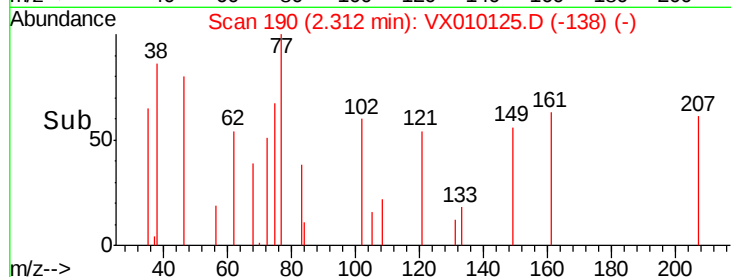
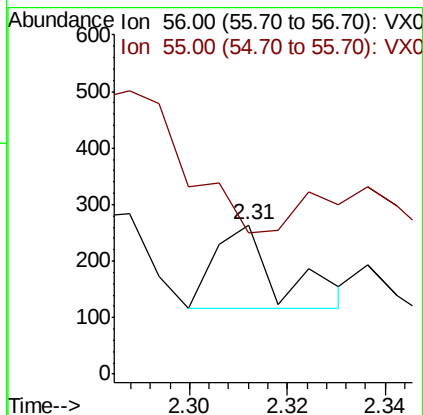
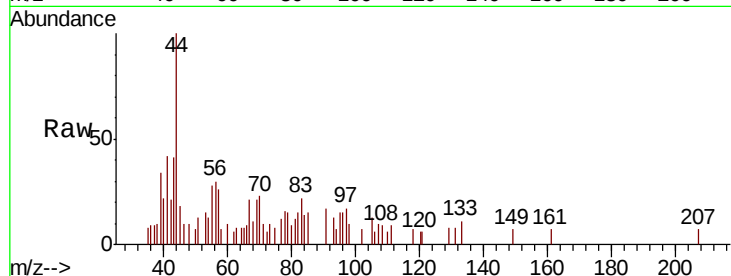
BPS1-TT-MW301S-20190605

Tot Ion: 56 Resp: 137

Ion Ratio Lower Upper

56 100

55 0.0 57.0 85.4#



#16

Acetone

Concen: 2.588 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010125.D

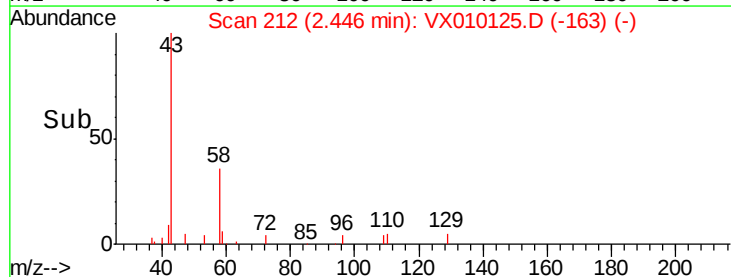
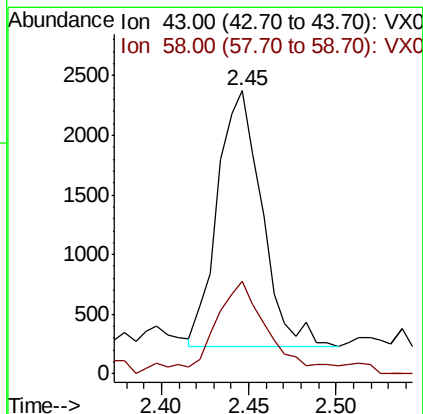
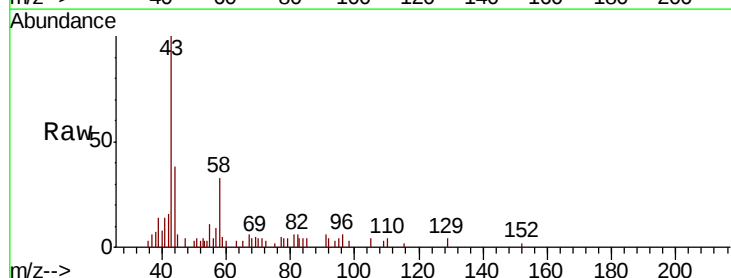
Acq: 07 Jun 2019 21:44

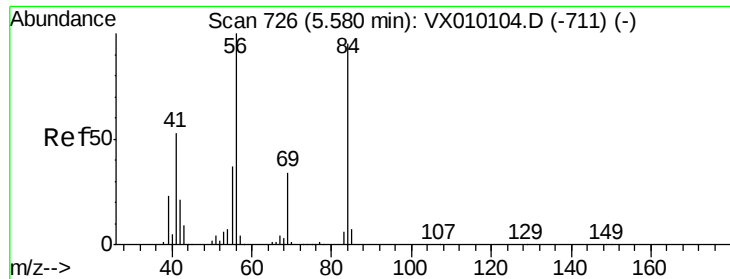
Tgt Ion: 43 Resp: 3772

Ion Ratio Lower Upper

43 100

58 33.5 23.2 34.8

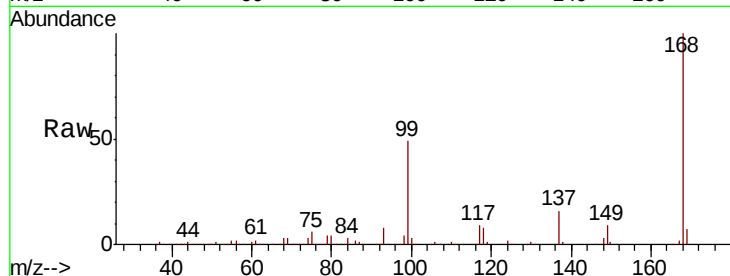




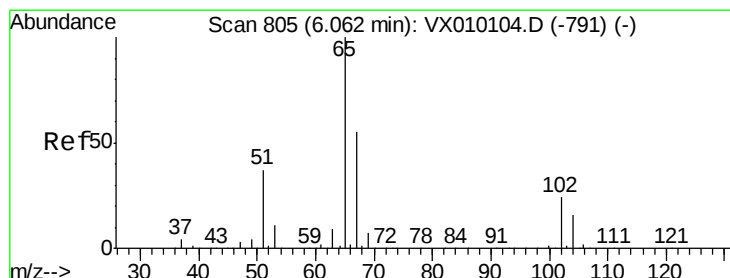
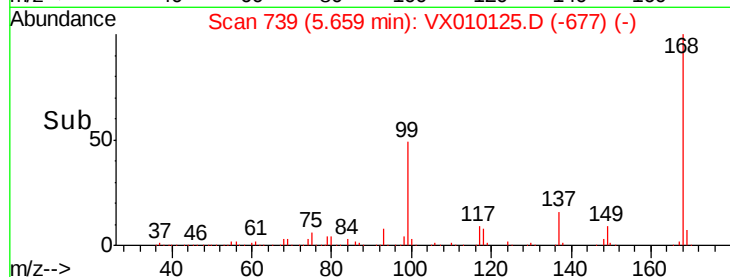
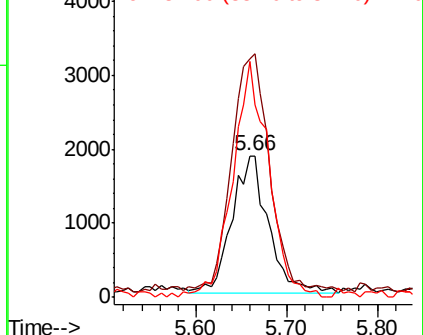
#31
Cyclohexane
Concen: 1.148 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.08 min
Lab File: VX010125.D
Acq: 07 Jun 2019 21:44

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20190605

Tot Ion: 56 Resp: 5176
Ion Ratio Lower Upper
56 100
69 167.8 21.6 32.4#
84 169.0 56.8 85.2#

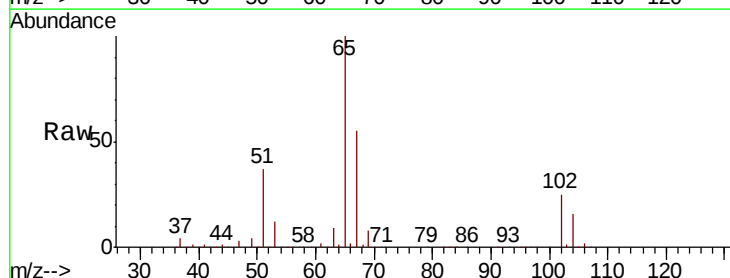


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

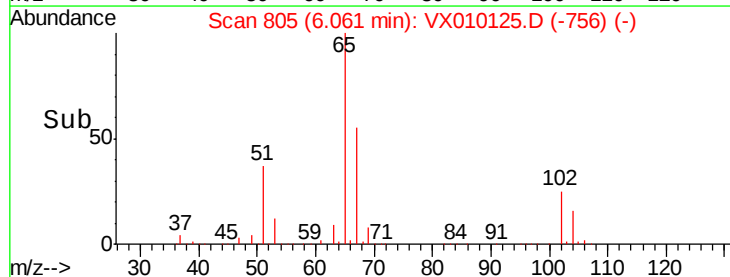
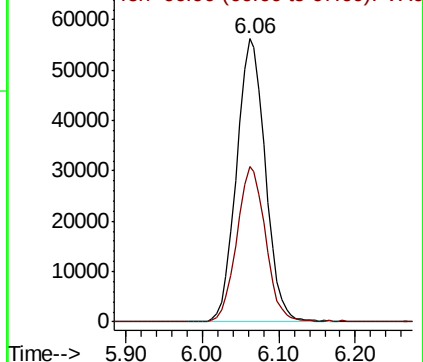


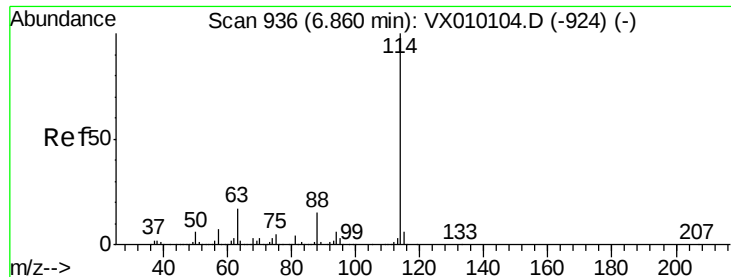
#33
1,2-Dichloroethane-d4
Concen: 47.372 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010125.D
Acq: 07 Jun 2019 21:44

Tgt Ion: 65 Resp: 146789
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.4



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: VX010125.D

Acq: 07 Jun 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW301S-20190605

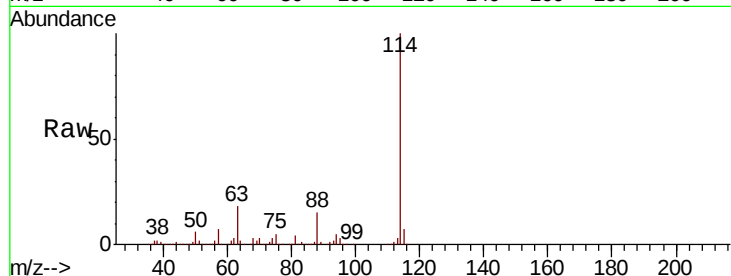
Tot Ion:114 Resp: 485887

Ion Ratio Lower Upper

114 100

63 17.6 0.0 47.4

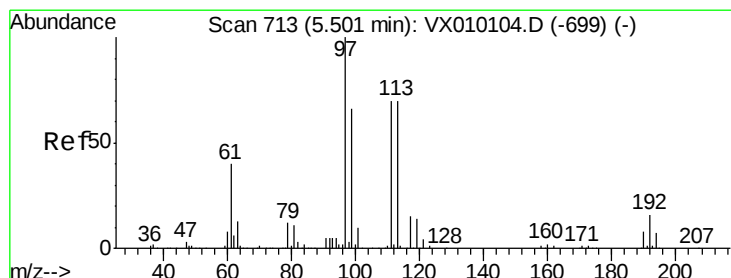
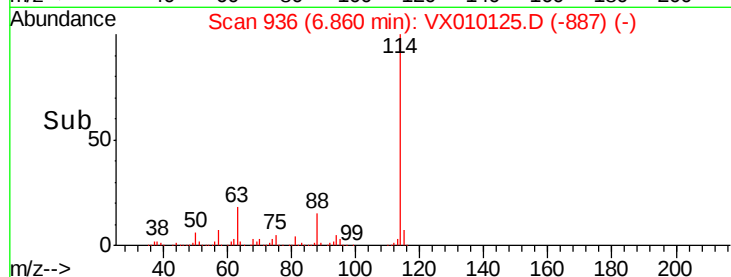
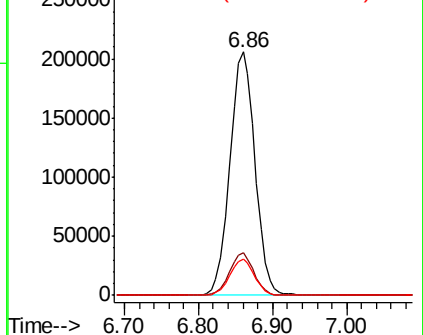
88 14.7 0.0 33.0



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: 49.949 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010125.D

Acq: 07 Jun 2019 21:44

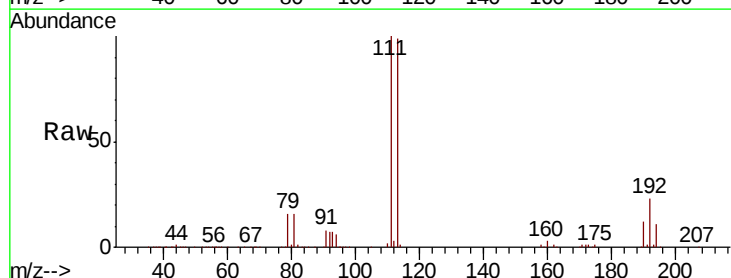
Tgt Ion:113 Resp: 149700

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

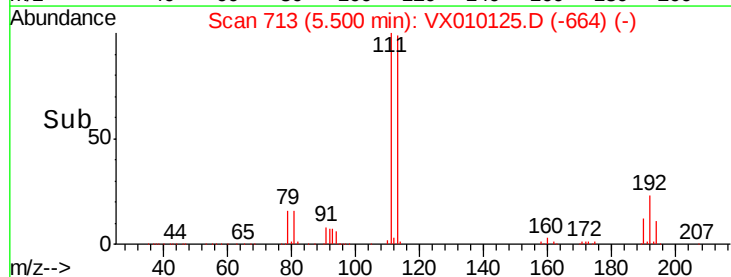
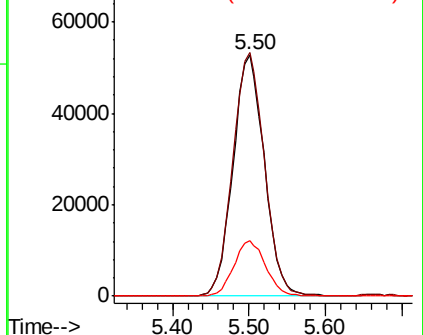
192 23.0 17.1 25.7

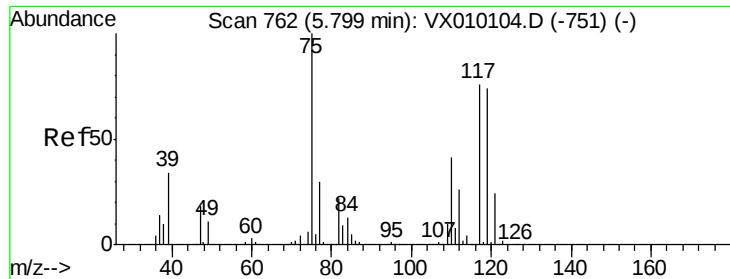


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

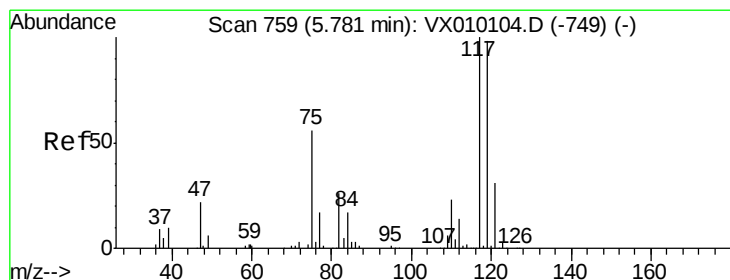
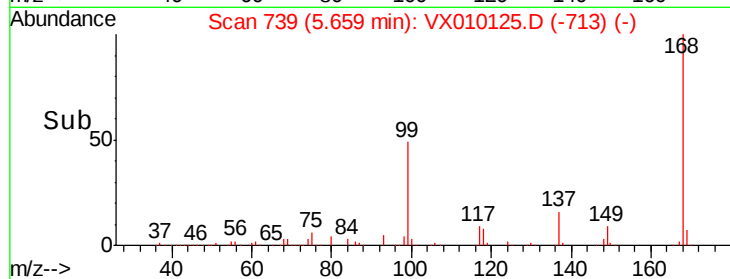
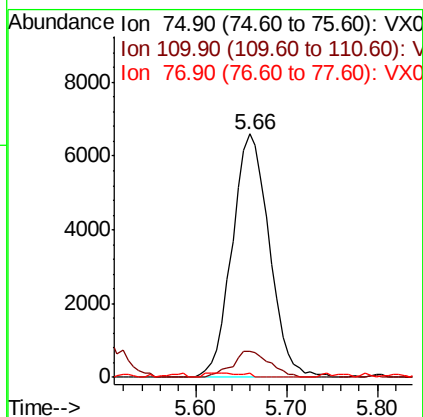
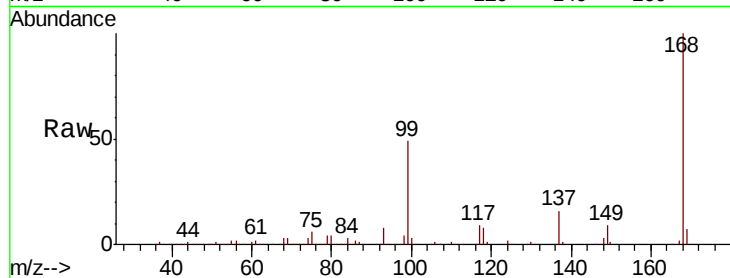




#36
 1,1-Dichloropropene
 Concen: 4.736 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010125.D
 Acq: 07 Jun 2019 21:44

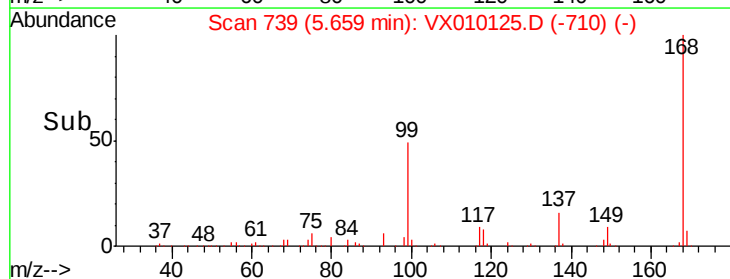
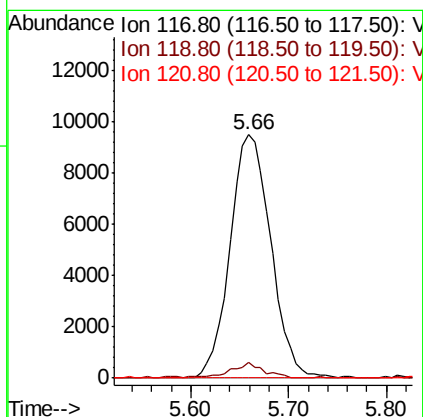
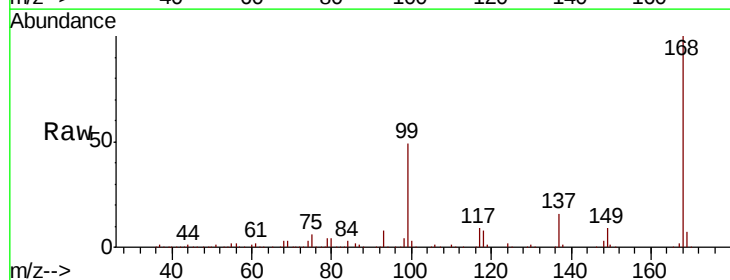
Instrument :
 MSVOA_X
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 BPS1-TT-MW301S-20190605

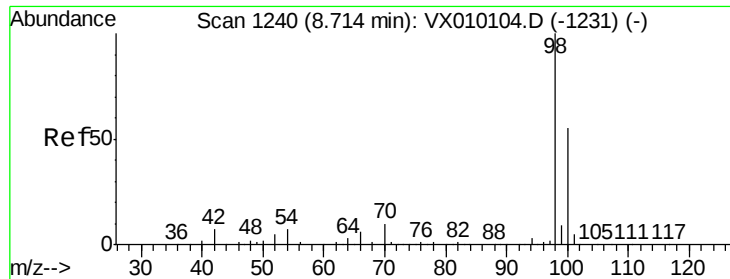
Tot Ion: 75 Resp: 18773
 Ion Ratio Lower Upper
 75 100
 110 10.8 16.7 50.1#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.117 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX010125.D
 Acq: 07 Jun 2019 21:44

Tgt Ion: 117 Resp: 27447
 Ion Ratio Lower Upper
 117 100
 119 6.2 77.3 115.9#
 121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 50.691 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010125.D

Acq: 07 Jun 2019 21:44

Instrument :

MSVOA_X

ClientSampleId :

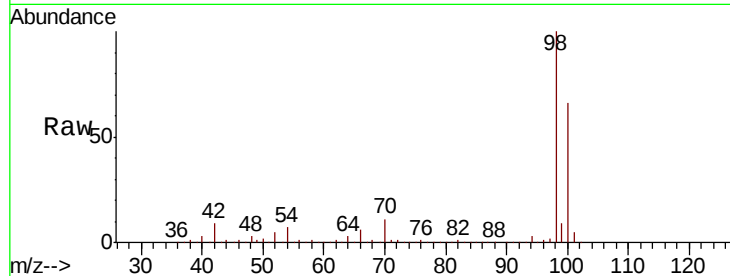
BPS1-TT-MW301S-20190605

Tot Ion: 98 Resp: 569390

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

400000

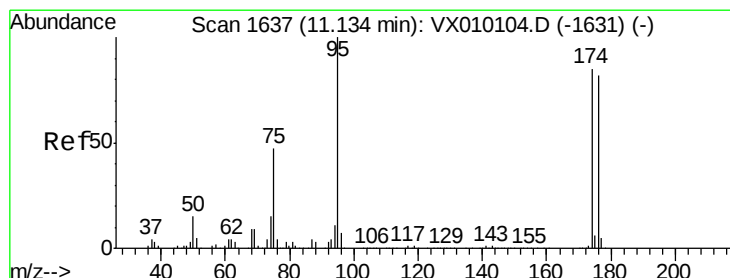
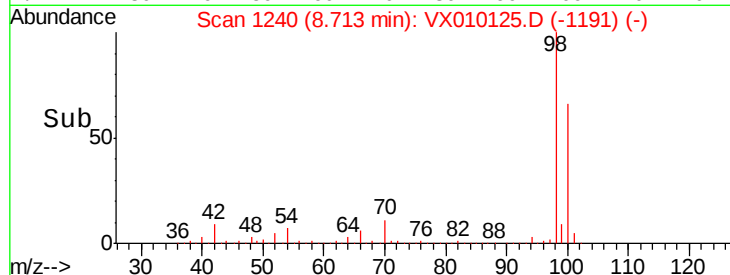
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.264 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010125.D

Acq: 07 Jun 2019 21:44

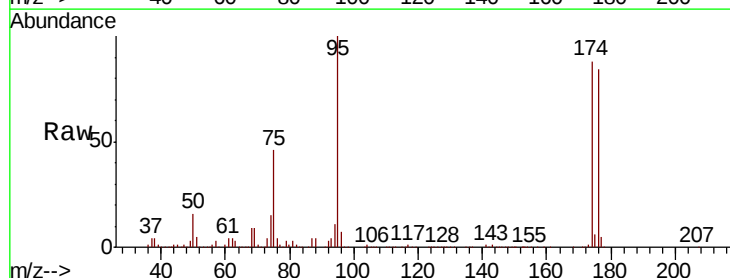
Tgt Ion: 95 Resp: 202461

Ion Ratio Lower Upper

95 100

174 91.6 0.0 160.4

176 88.8 0.0 154.6



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

11.13

200000

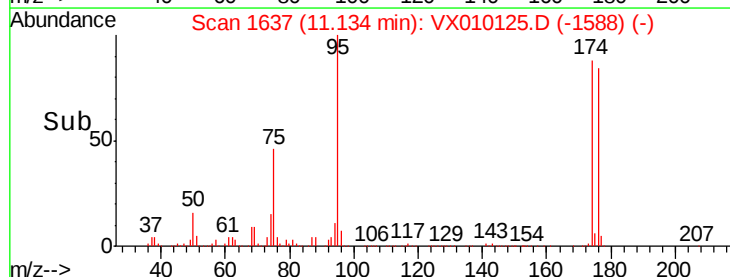
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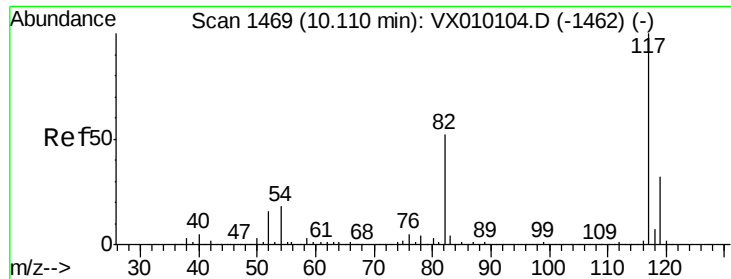
100000

50000

0

Time-->

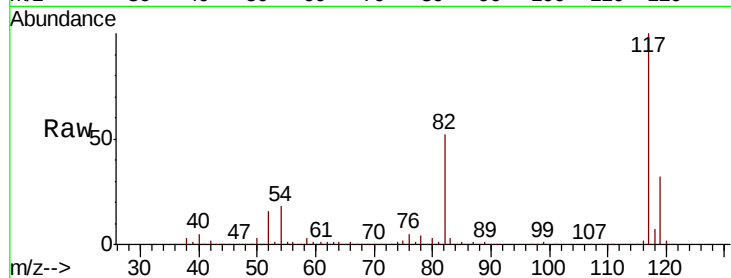




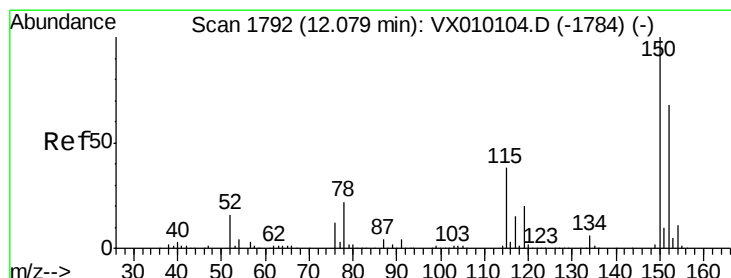
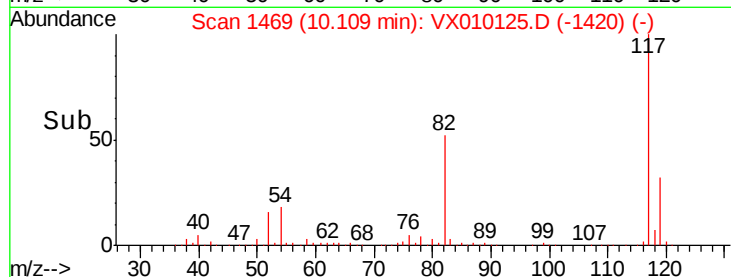
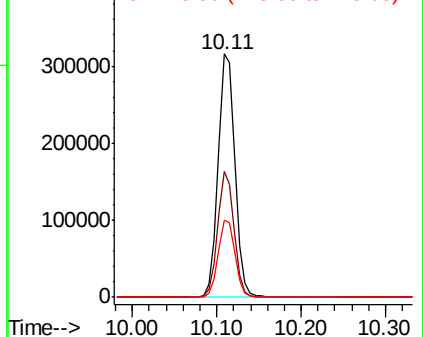
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010125.D
Acq: 07 Jun 2019 21:44

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW301S-20190605

Tot Ion:117 Resp: 440063
Ion Ratio Lower Upper
117 100
82 51.8 49.2 73.8
119 32.0 25.2 37.8

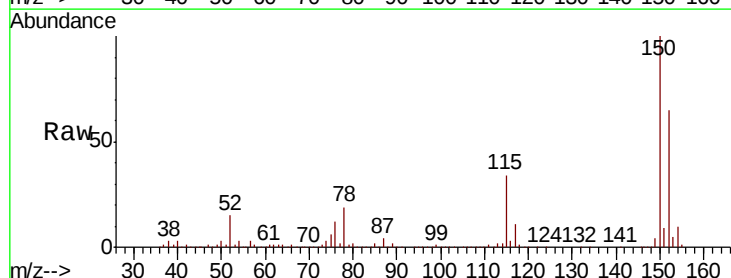


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

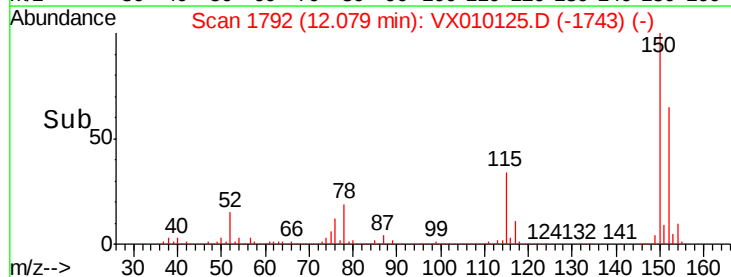
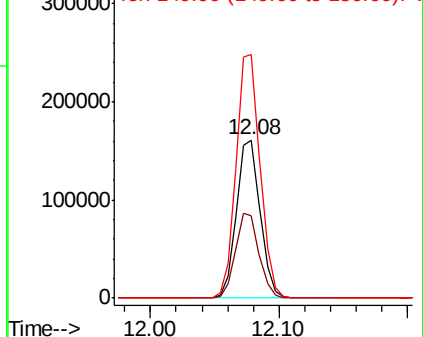


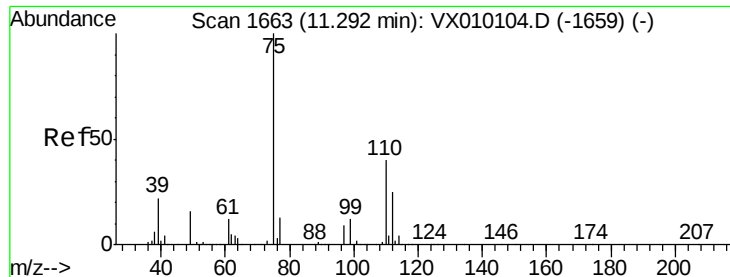
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010125.D
Acq: 07 Jun 2019 21:44

Tgt Ion:152 Resp: 206200
Ion Ratio Lower Upper
152 100
115 53.6 41.4 124.2
150 156.1 0.0 345.2



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

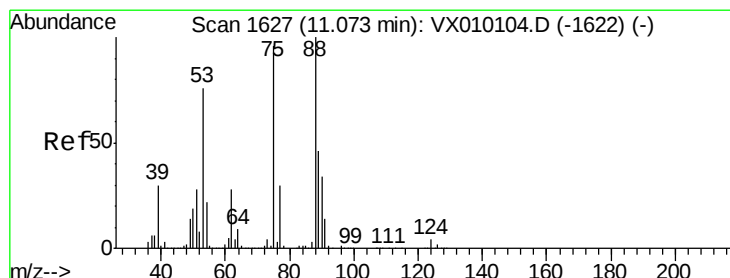
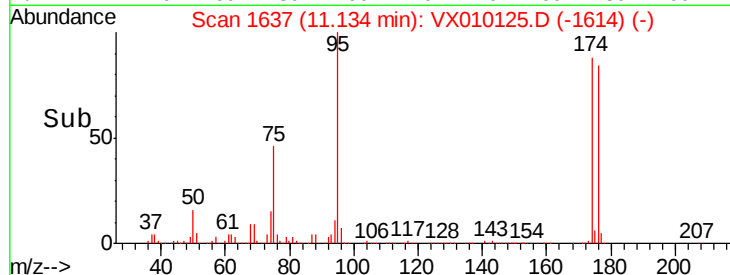
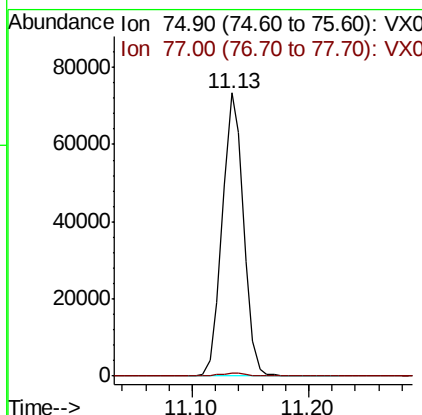
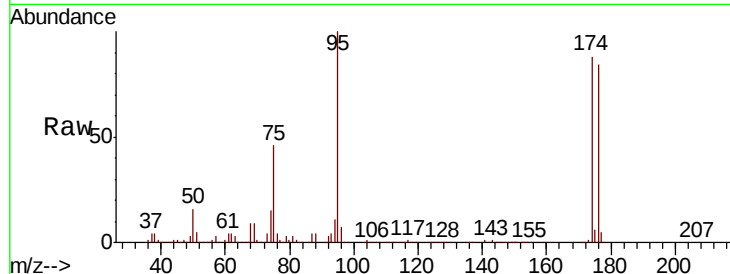




#76
 1,2,3-Trichloropropane
 Concen: 22.353 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010125.D
 Acq: 07 Jun 2019 21:44

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW301S-20190605

Tot Ion: 75 Resp: 92193
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.388 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010125.D
 Acq: 07 Jun 2019 21:44

Tgt Ion: 75 Resp: 92193
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.8 119.6#
 89 0.0 34.2 51.4#

