

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010130.D
 Acq On : 07 Jun 2019 23:41
 Operator : JC/SP
 Sample : K3221-04 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190605

Quant Time: Jun 08 02:25:55 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	5.66	168	285740	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	434674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	395110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186954	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	132751	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	
35) Dibromofluoromethane	5.49	113	134152	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
50) Toluene-d8	8.71	98	510365	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	183614	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	

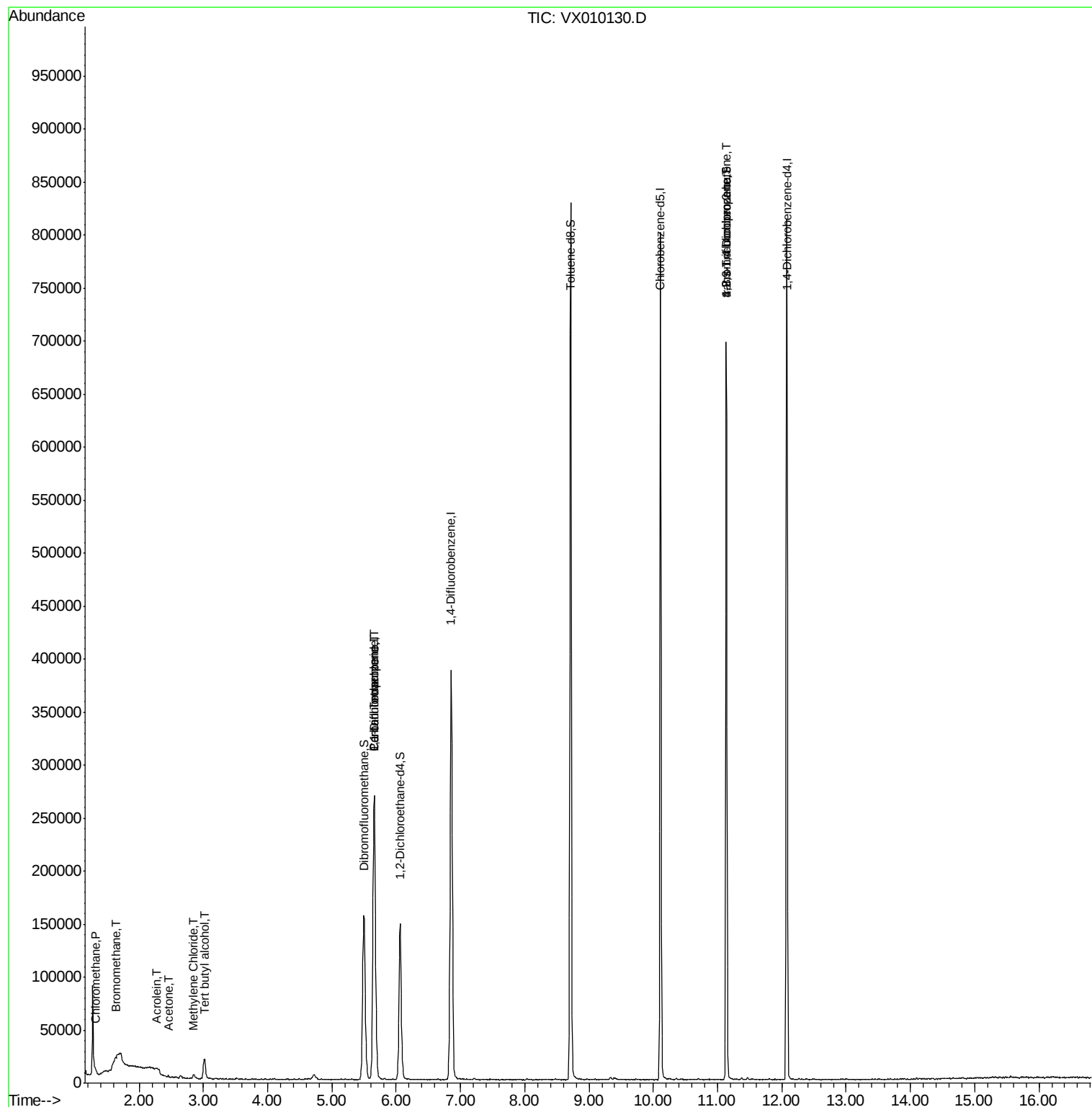
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	701	0.268	ug/l	90
5) Bromomethane	1.64	94	409	0.442	ug/l	90
11) Tert butyl alcohol	3.02	59	11661	17.067	ug/l #	77
13) Acrolein	2.28	56	115	0.923	ug/l #	1
16) Acetone	2.45	43	1315	1.002	ug/l	94
20) Methylene Chloride	2.85	84	1879	0.652	ug/l #	75
36) 1,1-Dichloropropene	5.66	75	17257	4.866	ug/l #	52
38) Carbon Tetrachloride	5.66	117	24793	6.177	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	83424	22.309	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	83424	49.291	ug/l #	10

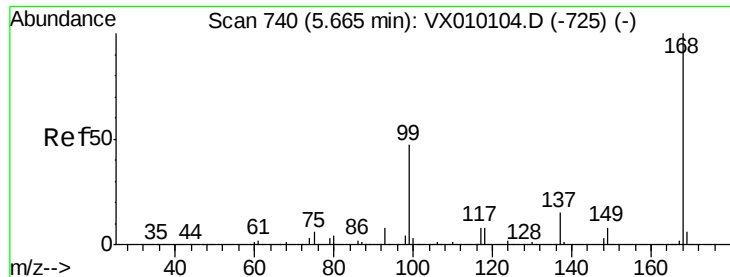
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060719\
Data File : VX010130.D
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Quant Time: Jun 08 02:25:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010130.D

Acq: 07 Jun 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

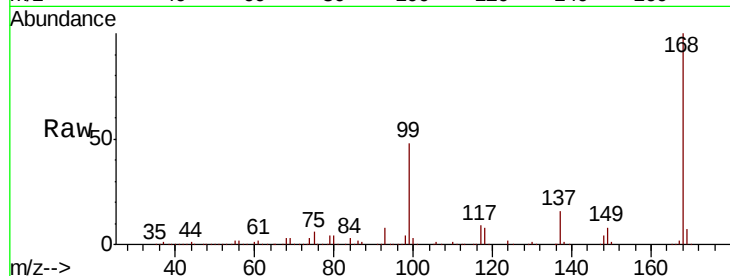
BPS1-TT-MW309D-20190605

Tot Ion:168 Resp: 285740

Ion Ratio Lower Upper

168 100

99 47.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

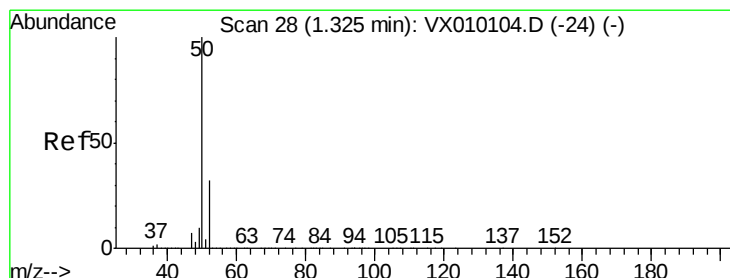
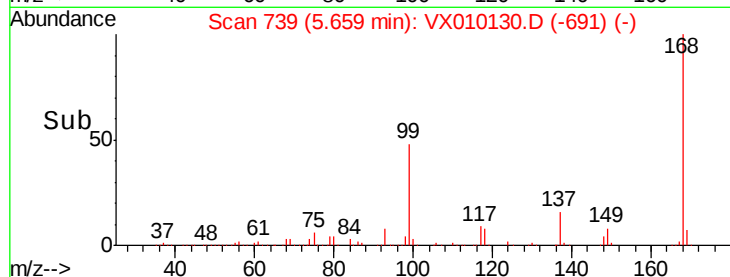
40000

20000

0

Time-->

5.60 5.70 5.80



#3

Chloromethane

Concen: 0.268 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010130.D

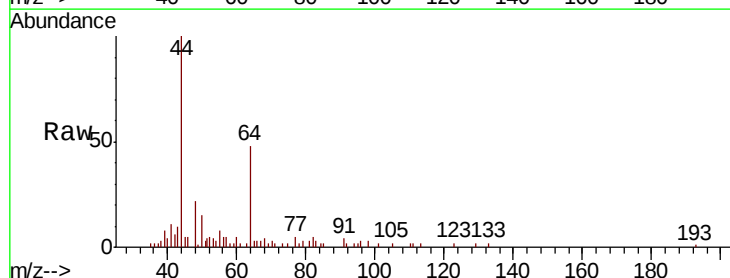
Acq: 07 Jun 2019 23:41

Tgt Ion: 50 Resp: 701

Ion Ratio Lower Upper

50 100

52 38.3 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

600

500

400

300

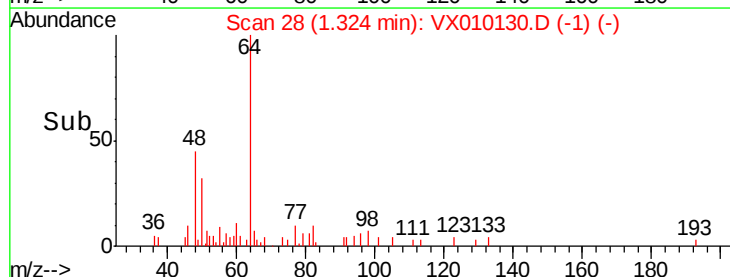
200

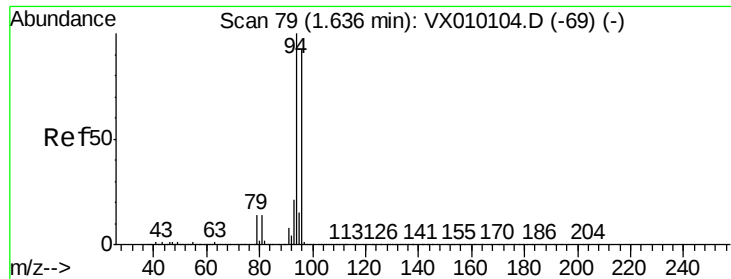
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.442 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010130.D

Acq: 07 Jun 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

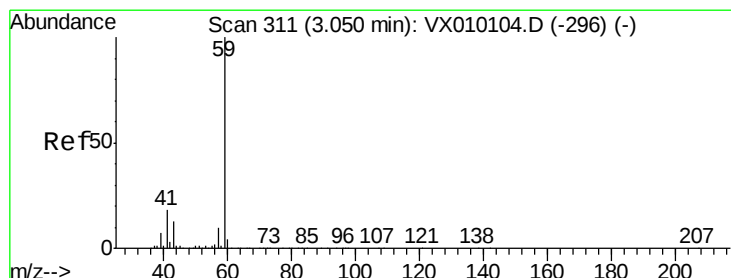
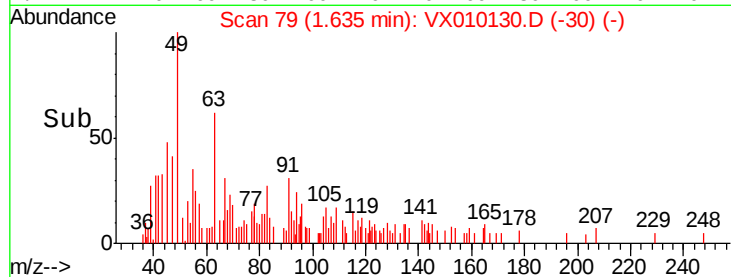
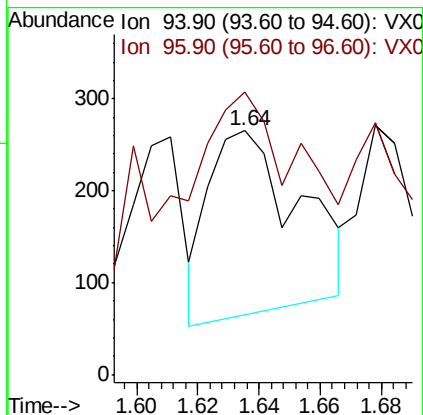
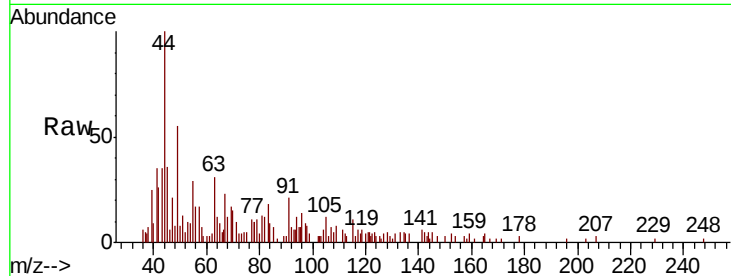
BPS1-TT-MW309D-20190605

Tot Ion: 94 Resp: 409

Ion Ratio Lower Upper

94 100

96 86.0 76.2 114.4



#11

Tert butyl alcohol

Concen: 17.067 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.03 min

Lab File: VX010130.D

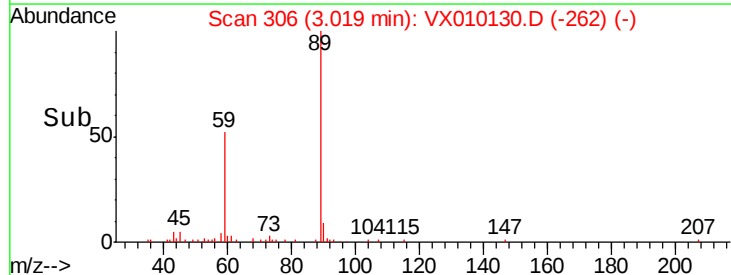
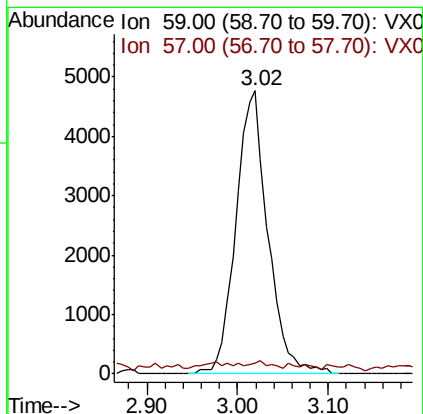
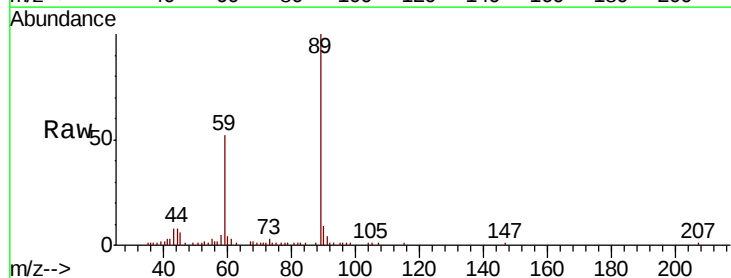
Acq: 07 Jun 2019 23:41

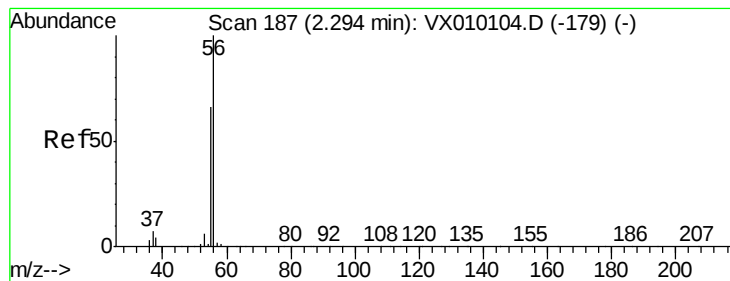
Tgt Ion: 59 Resp: 11661

Ion Ratio Lower Upper

59 100

57 1.5 8.2 12.2#





#13

Acrolein

Concen: 0.923 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX010130.D

Acq: 07 Jun 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

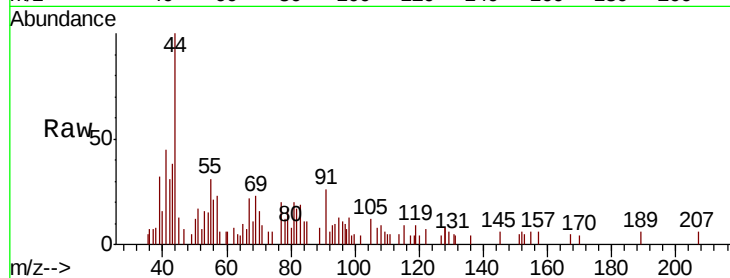
BPS1-TT-MW309D-20190605

Tot Ion: 56 Resp: 115

Ion Ratio Lower Upper

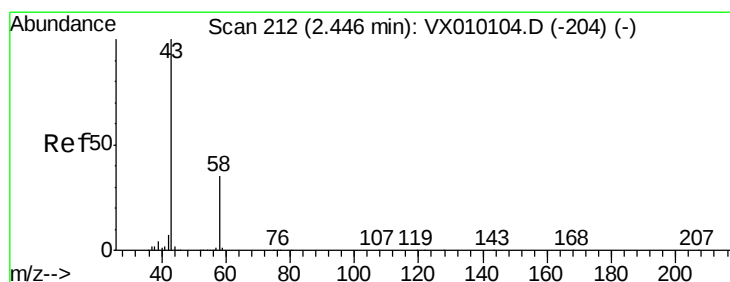
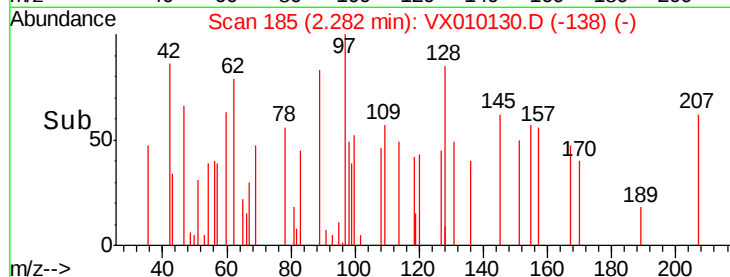
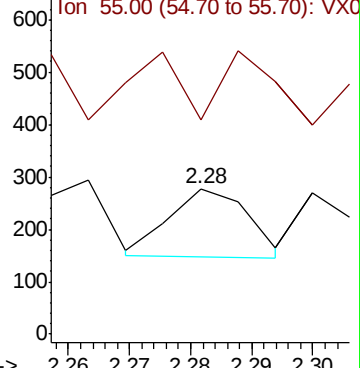
56 100

55 155.7 57.0 85.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 1.002 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX010130.D

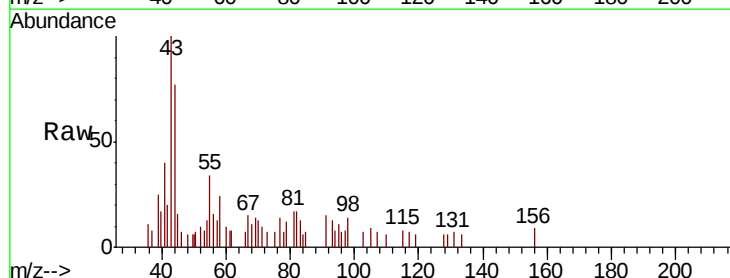
Acq: 07 Jun 2019 23:41

Tgt Ion: 43 Resp: 1315

Ion Ratio Lower Upper

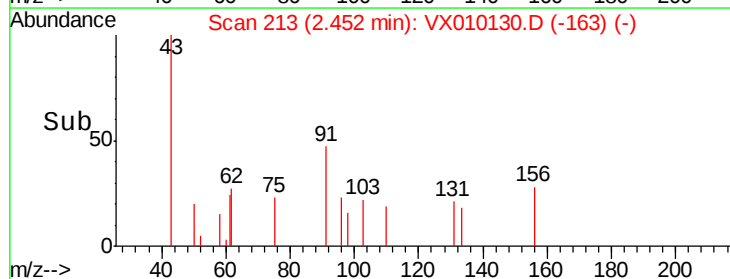
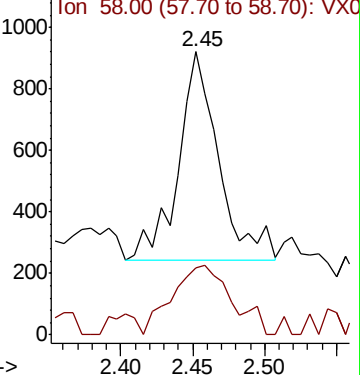
43 100

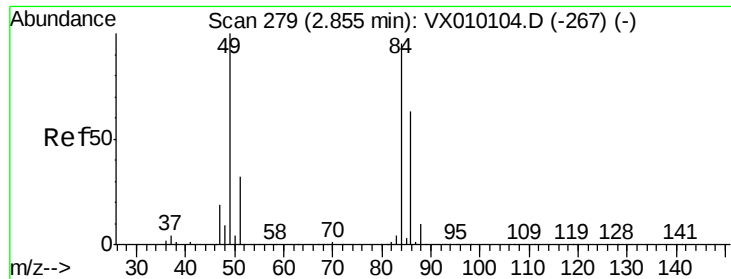
58 32.0 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

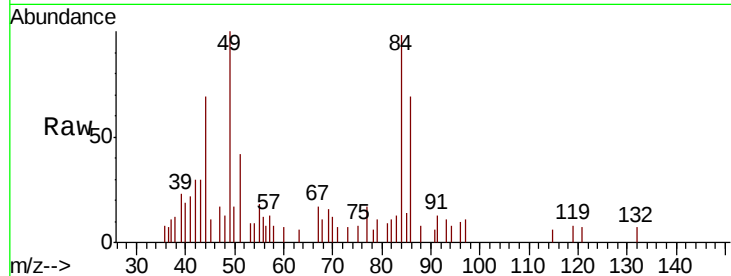




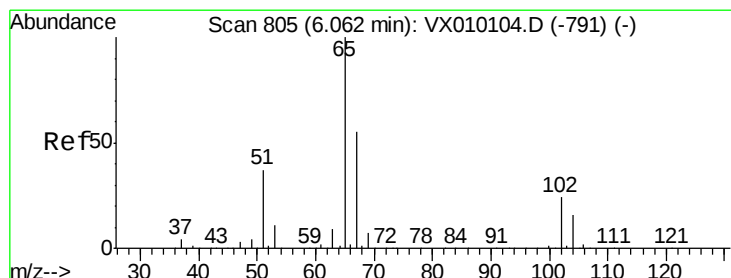
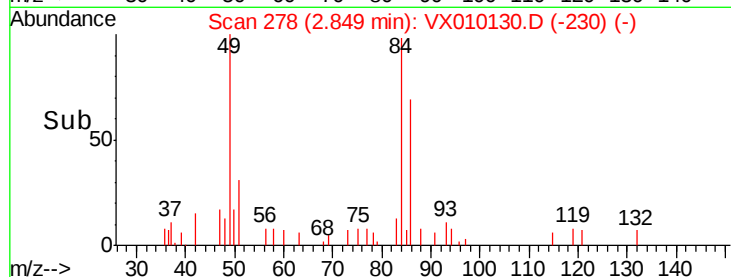
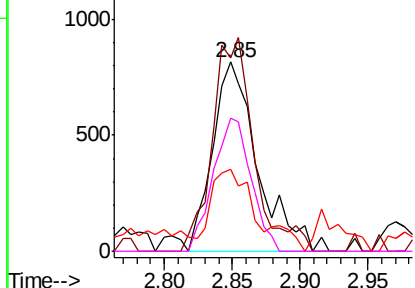
#20
Methvlene Chloride
Concen: 0.652 ug/l
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX010130.D
Acq: 07 Jun 2019 23:41

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190605

Tot Ion: 84 Resp: 1879
Ion Ratio Lower Upper
84 100
49 102.1 115.8 173.6#
51 35.3 34.4 51.6
86 70.7 49.7 74.5

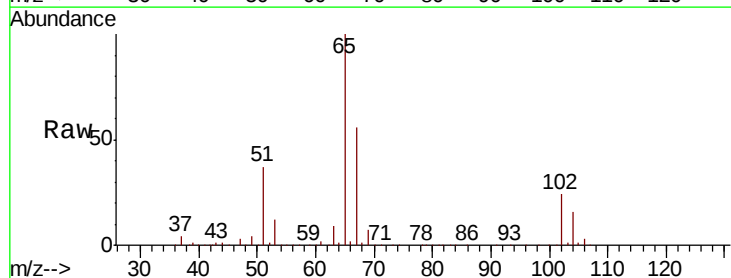


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

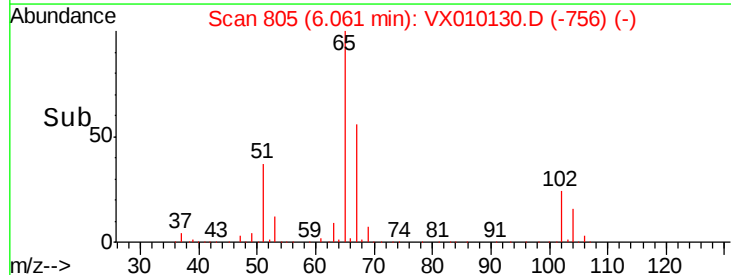
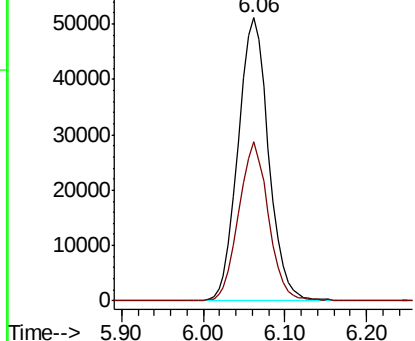


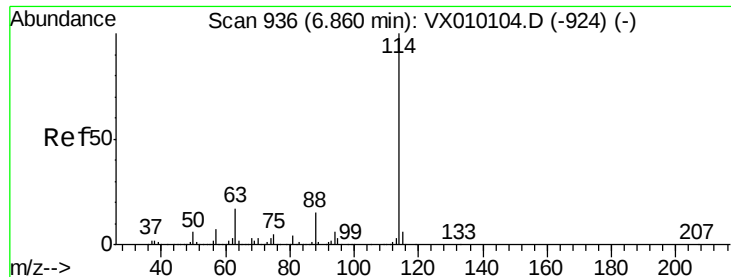
#33
1,2-Dichloroethane-d4
Concen: 47.596 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010130.D
Acq: 07 Jun 2019 23:41

Tgt Ion: 65 Resp: 132751
Ion Ratio Lower Upper
65 100
67 54.3 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: VX010130.D

Acq: 07 Jun 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309D-20190605

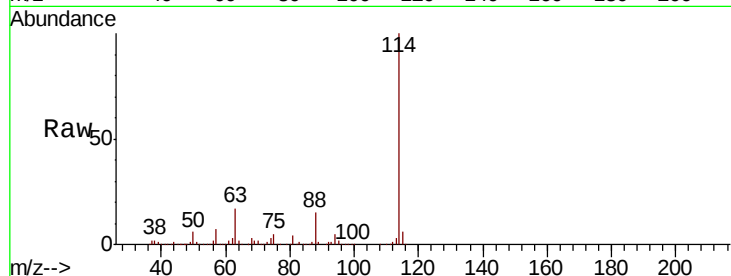
Tot Ion:114 Resp: 434674

Ion Ratio Lower Upper

114 100

63 16.6 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

250000

200000

150000

100000

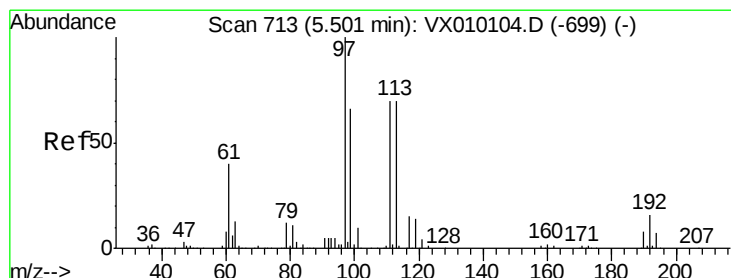
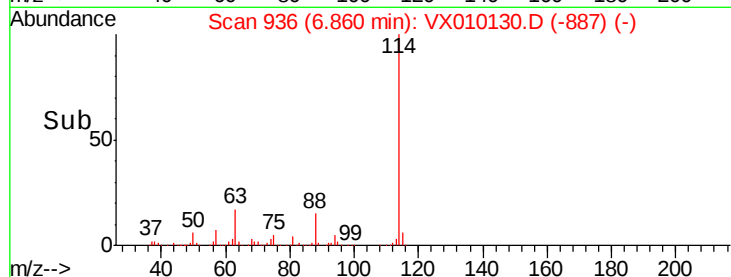
50000

0

6.86

6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 50.035 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010130.D

Acq: 07 Jun 2019 23:41

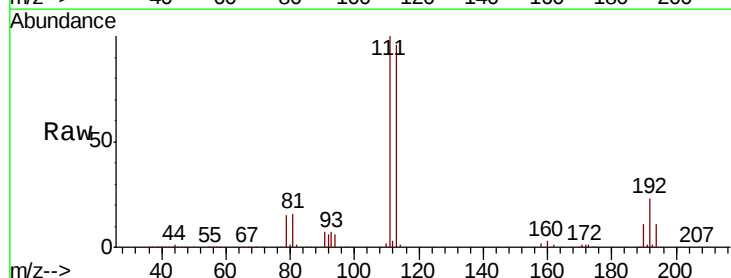
Tgt Ion:113 Resp: 134152

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 22.9 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

60000

50000

40000

30000

20000

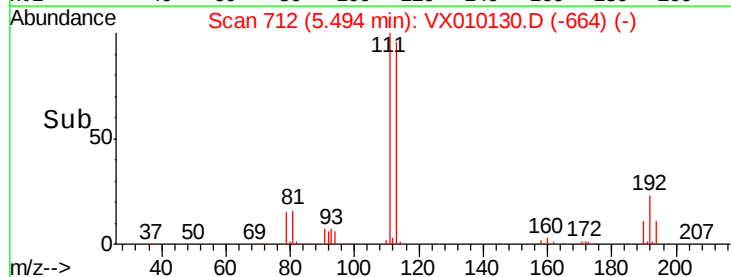
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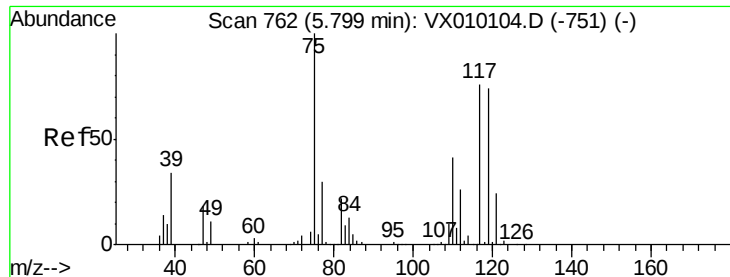
0

5.49

5.40 5.50 5.60

Time-->

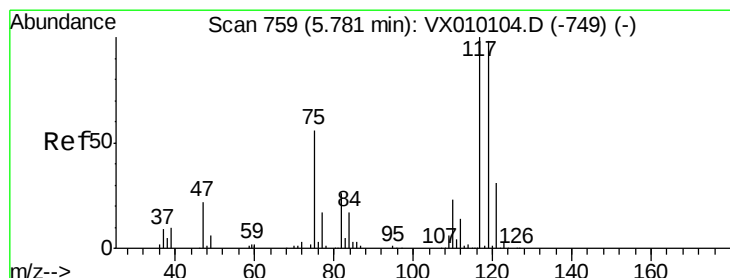
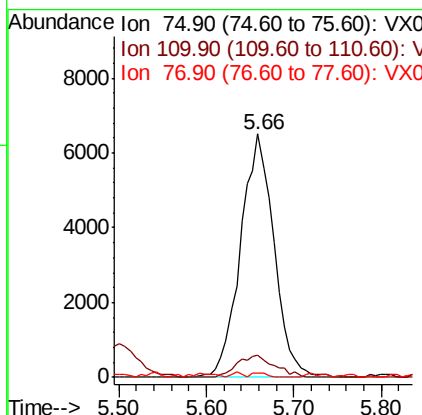
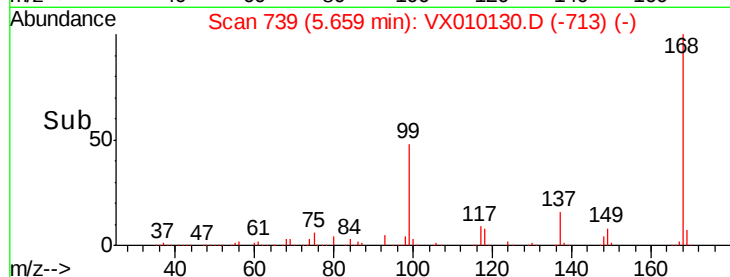
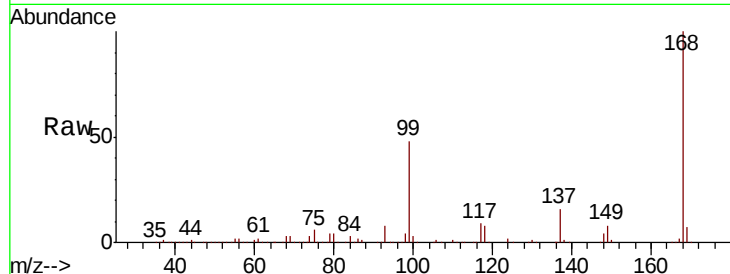




#36
 1,1-Dichloropropene
 Concen: 4.866 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010130.D
 Acq: 07 Jun 2019 23:41

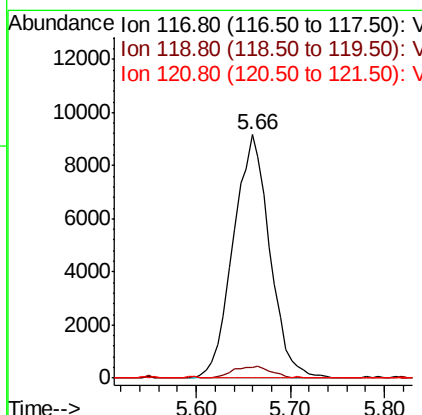
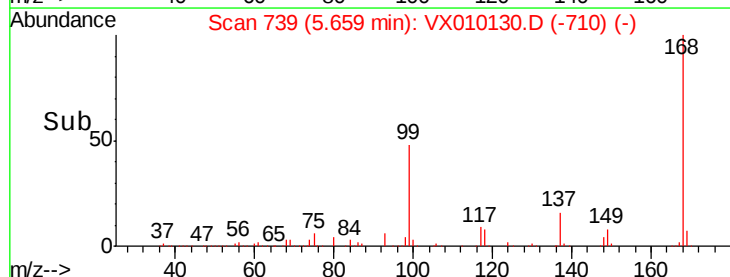
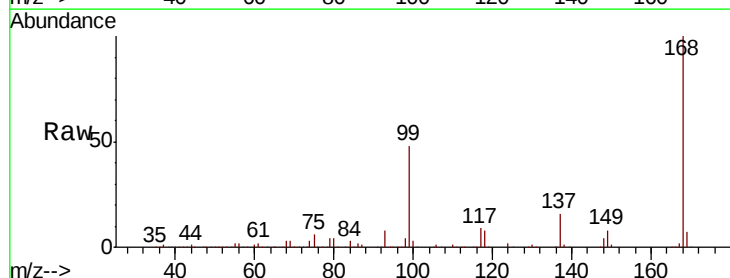
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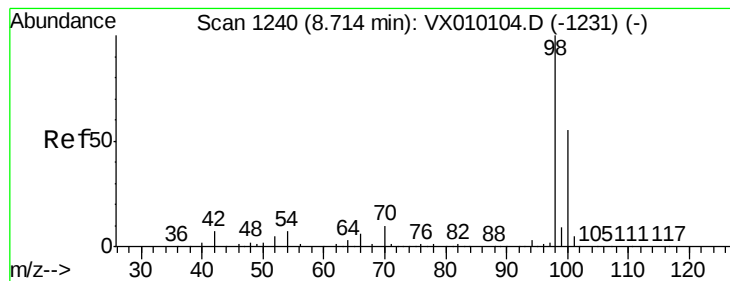
Tot Ion: 75 Resp: 17257
 Ion Ratio Lower Upper
 75 100
 110 10.2 16.7 50.1#
 77 0.8 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.177 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX010130.D
 Acq: 07 Jun 2019 23:41

Tgt Ion: 117 Resp: 24793
 Ion Ratio Lower Upper
 117 100
 119 4.3 77.3 115.9#
 121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 50.790 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010130.D

Acq: 07 Jun 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

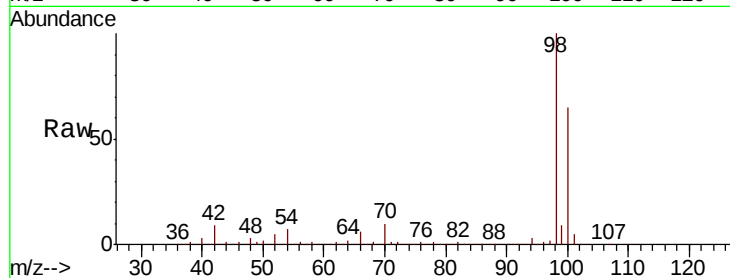
BPS1-TT-MW309D-20190605

Tot Ion: 98 Resp: 510365

Ion Ratio Lower Upper

98 100

100 64.3 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

300000

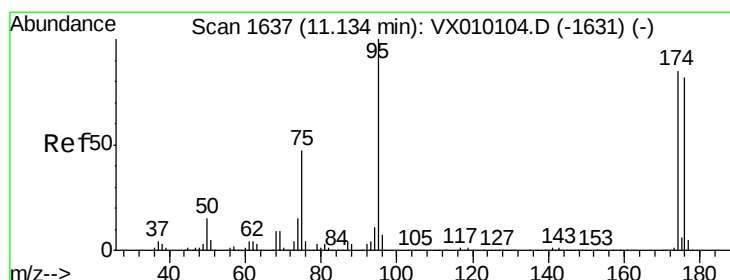
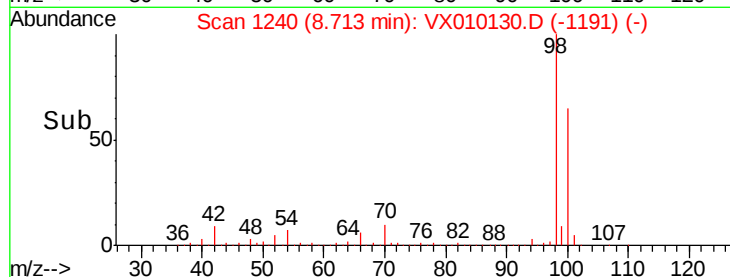
200000

100000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 48.928 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010130.D

Acq: 07 Jun 2019 23:41

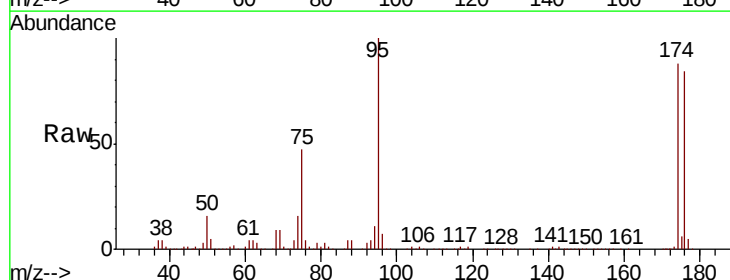
Tgt Ion: 95 Resp: 183614

Ion Ratio Lower Upper

95 100

174 91.1 0.0 160.4

176 89.1 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

200000

150000

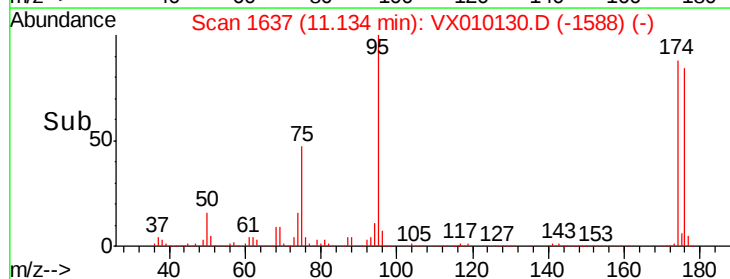
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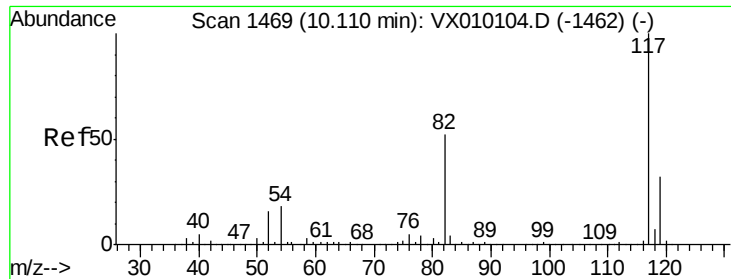
50000

0

Time-->

11.10 11.20

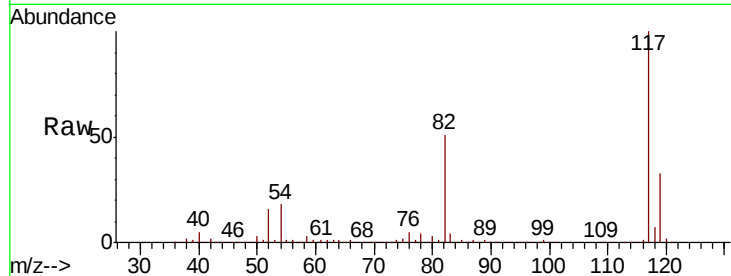




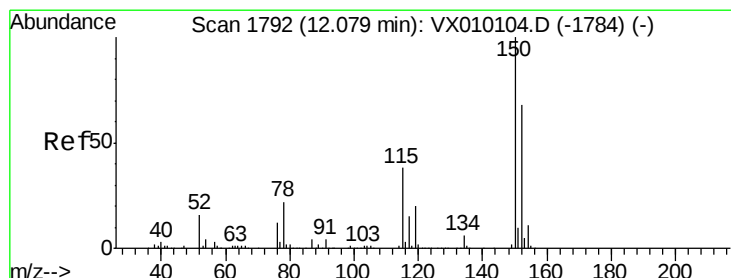
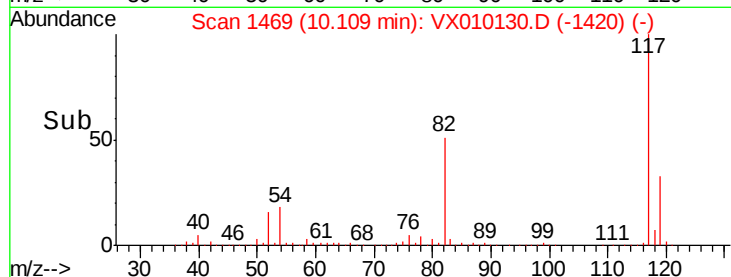
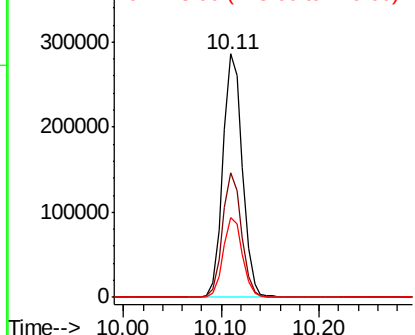
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010130.D
Acq: 07 Jun 2019 23:41

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309D-20190605

Tot Ion:117 Resp: 395110
Ion Ratio Lower Upper
117 100
82 51.4 49.2 73.8
119 32.7 25.2 37.8

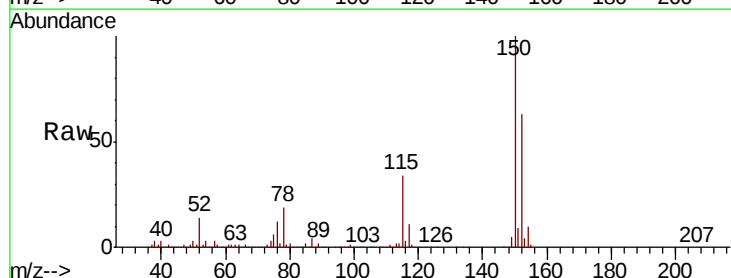


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

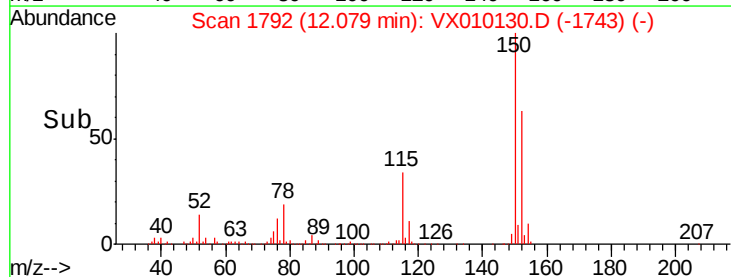
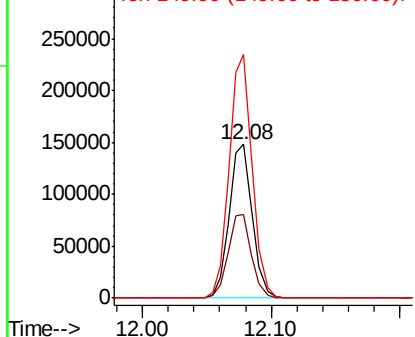


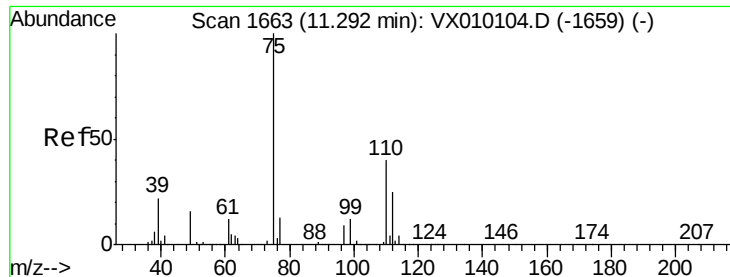
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010130.D
Acq: 07 Jun 2019 23:41

Tgt Ion:152 Resp: 186954
Ion Ratio Lower Upper
152 100
115 54.8 41.4 124.2
150 156.9 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

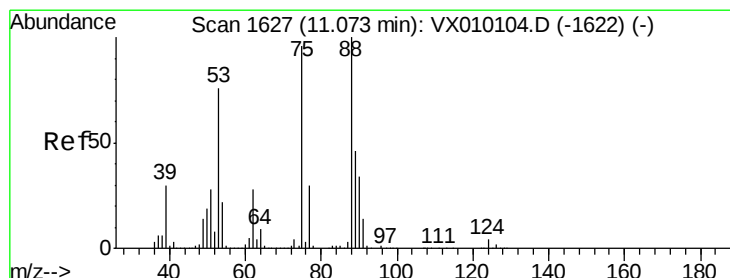
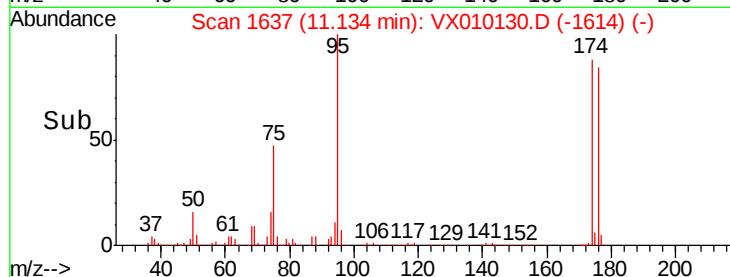
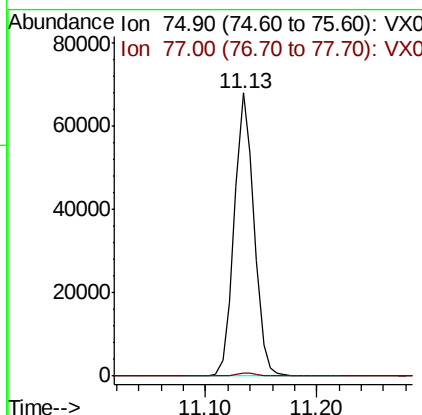
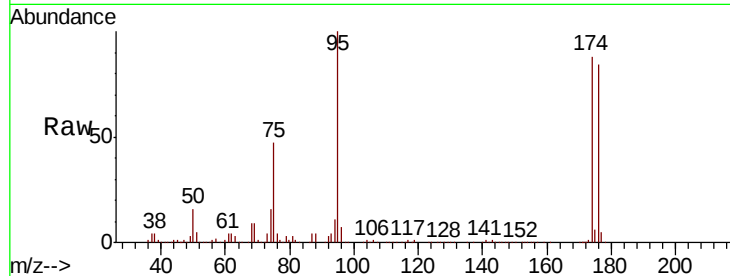




#76
 1,2,3-Trichloropropane
 Concen: 22.309 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010130.D
 Acq: 07 Jun 2019 23:41

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309D-20190605

Tot Ion: 75 Resp: 83424
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.1 66.1#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.291 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010130.D
 Acq: 07 Jun 2019 23:41

Tgt Ion: 75 Resp: 83424
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.8 119.6#
 89 0.0 34.2 51.4#

