

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010191.D
 Acq On : 10 Jun 2019 20:26
 Operator : JC/SP
 Sample : K3279-05 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307S-20190607

Quant Time: Jun 11 02:40:51 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	269547	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	410052	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	366047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171566	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	121615	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
35) Dibromofluoromethane	5.50	113	125131	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
50) Toluene-d8	8.71	98	472562	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.13	95	163616	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	

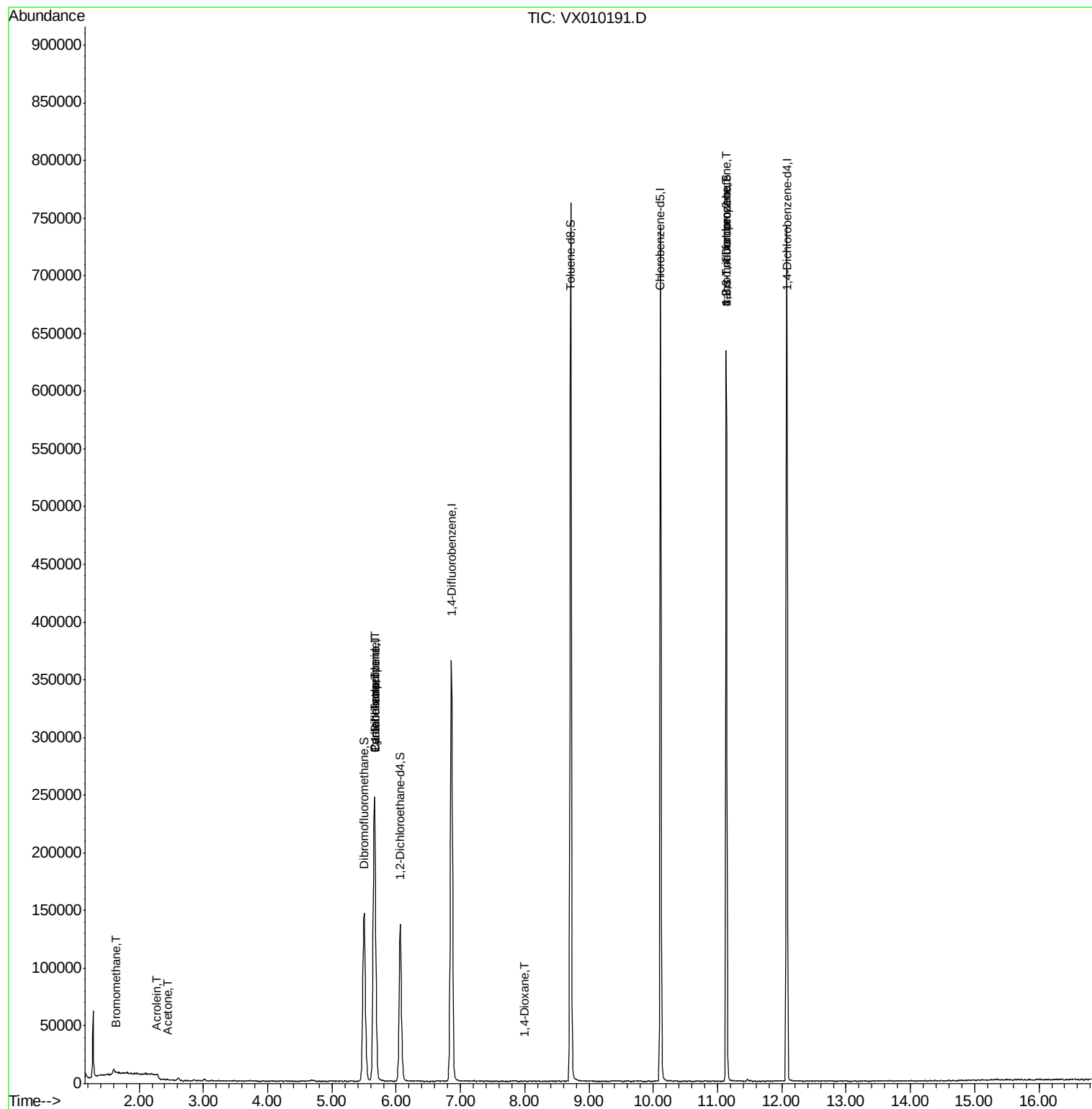
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	275	0.315	ug/l #	31
13) Acrolein	2.28	56	65	0.553	ug/l #	1
16) Acetone	2.44	43	979	0.791	ug/l #	81
31) Cyclohexane	5.67	56	4537	1.185	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	16055	4.799	ug/l #	52
38) Carbon Tetrachloride	5.66	117	22651	5.982	ug/l #	15
49) 1,4-Dioxane	7.99	88	46	0.593	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	74007	21.566	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	74007	47.649	ug/l #	10

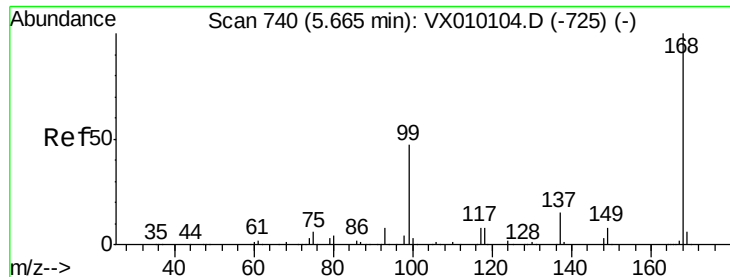
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061019\
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Quant Time: Jun 11 02:40:51 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: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010191.D

Acq: 10 Jun 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

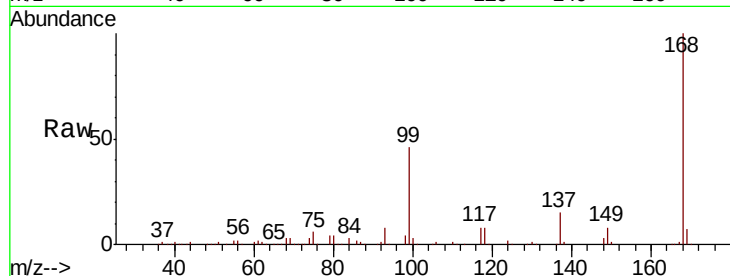
BPS1-TT-MW307S-20190607

Tot Ion:168 Resp: 269547

Ion Ratio Lower Upper

168 100

99 45.6 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

100000

80000

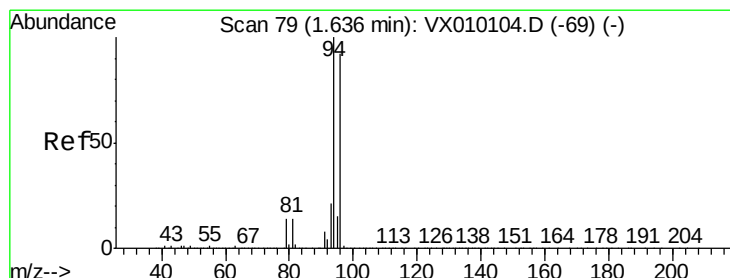
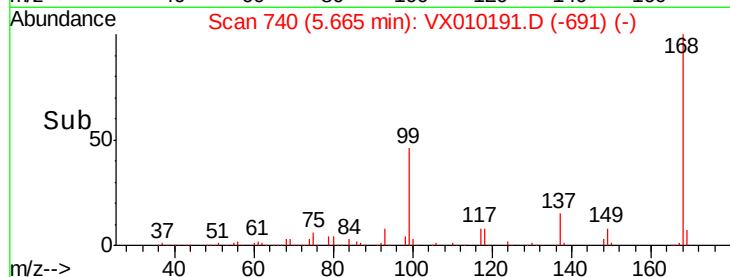
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.315 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX010191.D

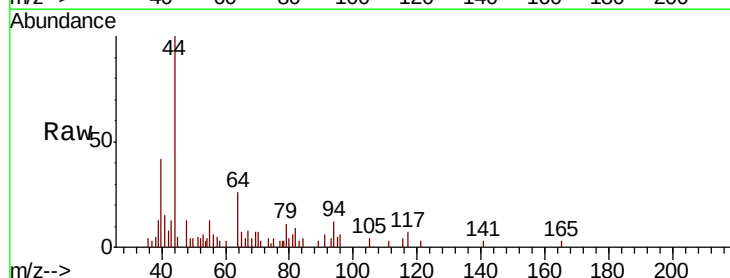
Acq: 10 Jun 2019 20:26

Tgt Ion: 94 Resp: 275

Ion Ratio Lower Upper

94 100

96 28.0 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

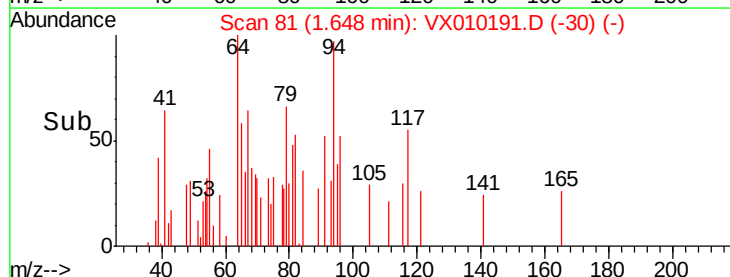
150

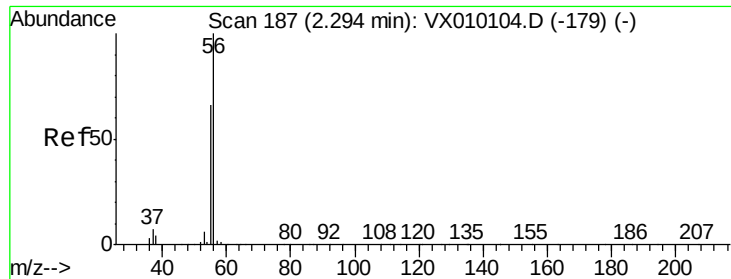
100

50

0

Time--> 1.62 1.64 1.66

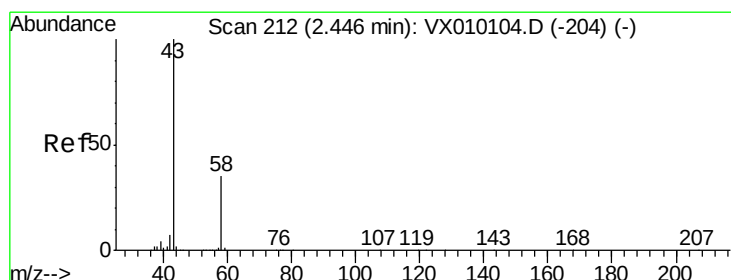
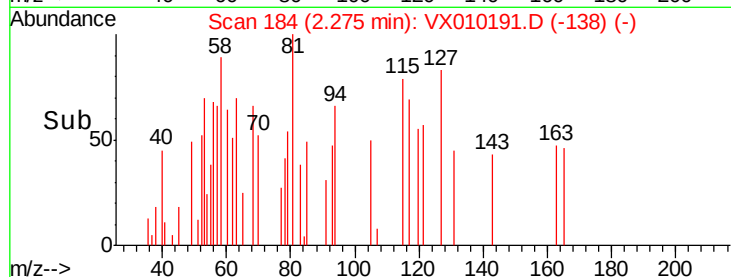
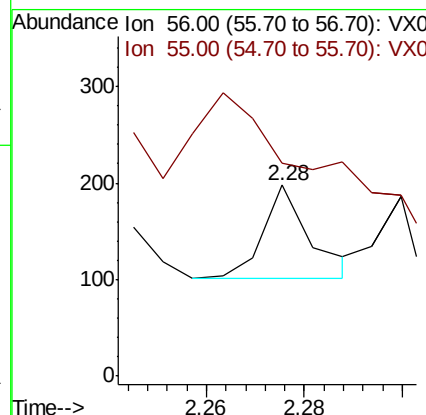
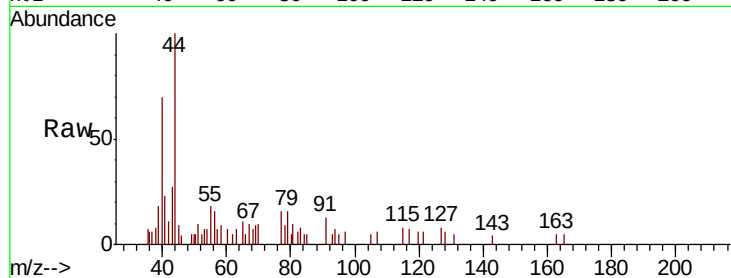




#13
Acrolein
Concen: 0.553 ug/l
RT: 2.28 min Scan# 184
Delta R.T. -0.02 min
Lab File: VX010191.D
Acq: 10 Jun 2019 20:26

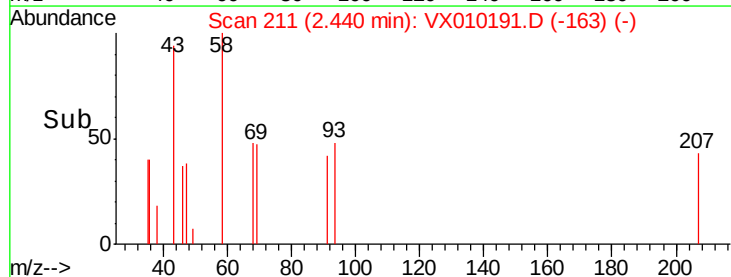
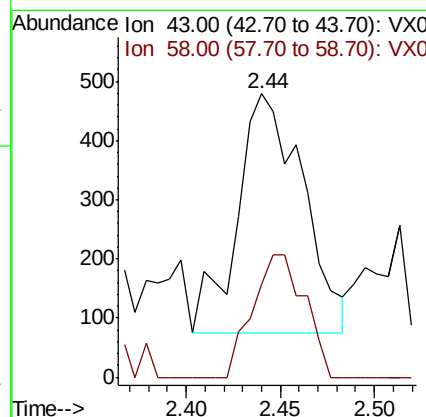
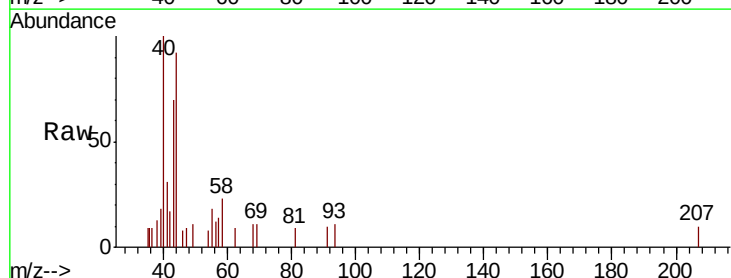
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW307S-20190607

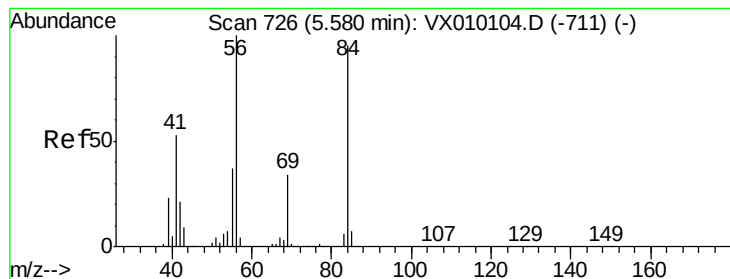
Tot Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 435.4 57.0 85.4#



#16
Acetone
Concen: 0.791 ug/l
RT: 2.44 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX010191.D
Acq: 10 Jun 2019 20:26

Tgt Ion: 43 Resp: 979
Ion Ratio Lower Upper
43 100
58 39.1 23.2 34.8#





#31

Cyclohexane

Concen: 1.185 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX010191.D

Acq: 10 Jun 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307S-20190607

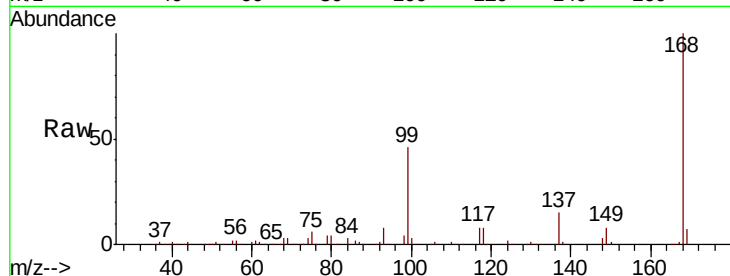
Tot Ion: 56 Resp: 4537

Ion Ratio Lower Upper

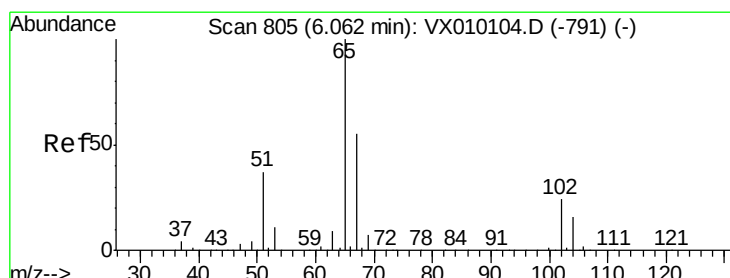
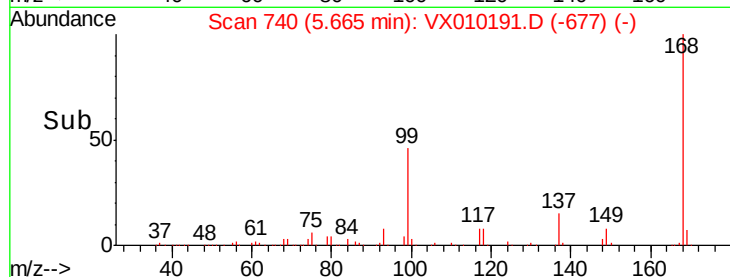
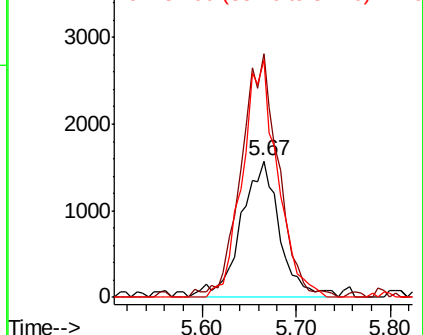
56 100

69 178.1 21.6 32.4#

84 173.8 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: 46.222 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010191.D

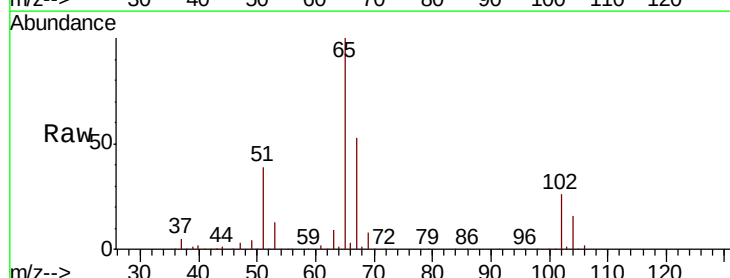
Acq: 10 Jun 2019 20:26

Tgt Ion: 65 Resp: 121615

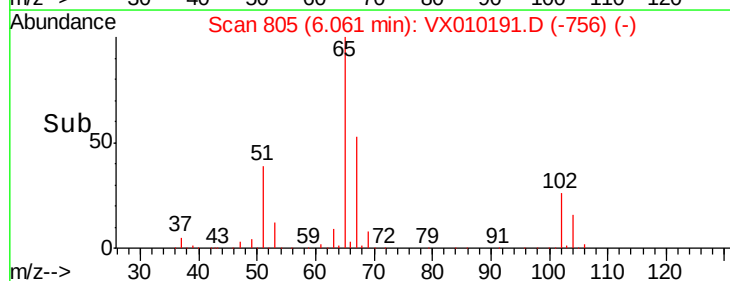
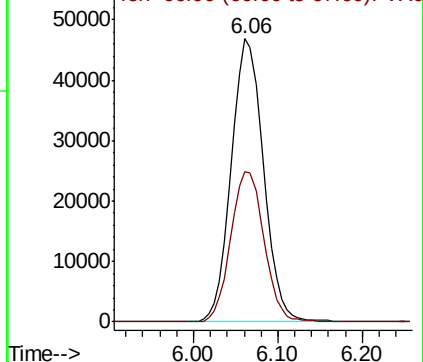
Ion Ratio Lower Upper

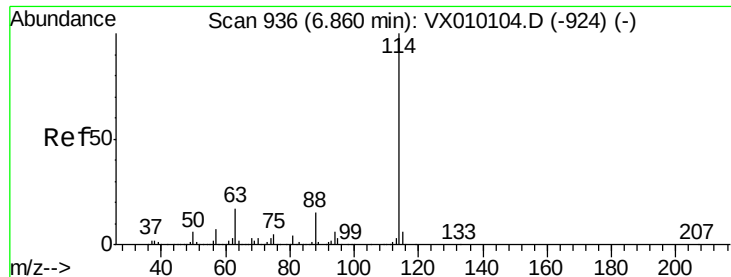
65 100

67 54.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

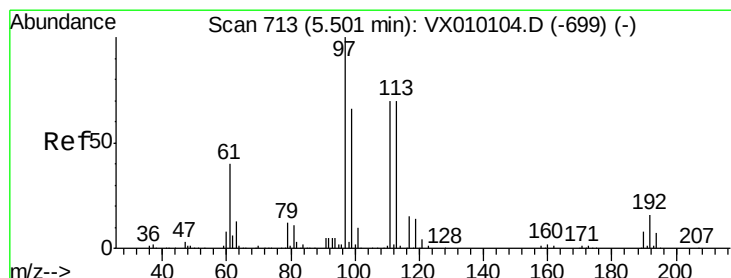
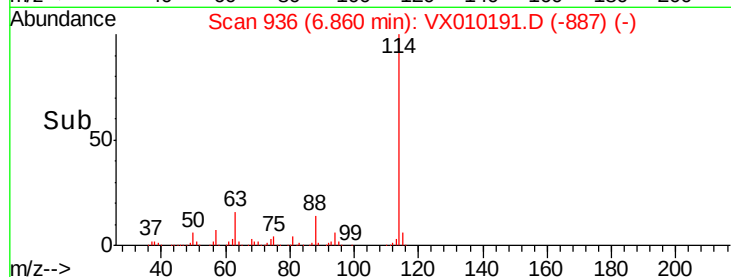
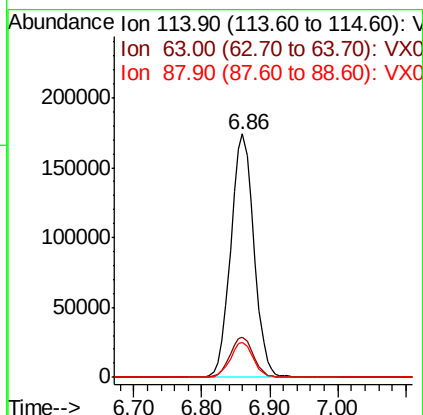
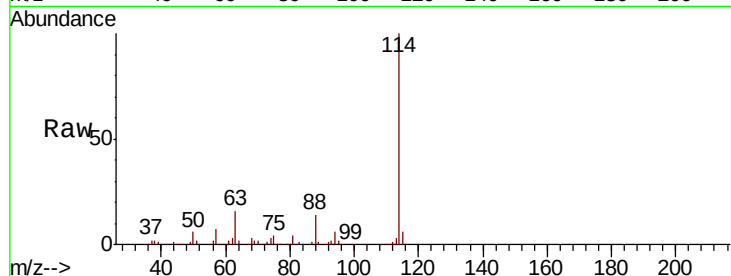




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010191.D
 Acq: 10 Jun 2019 20:26

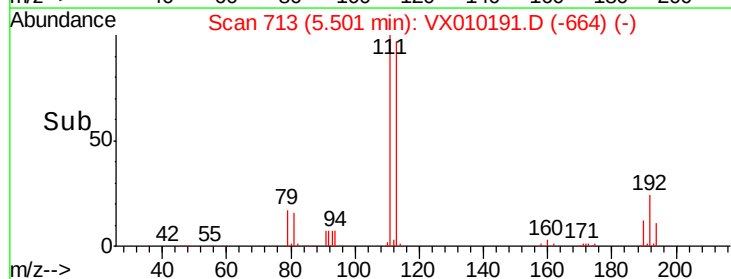
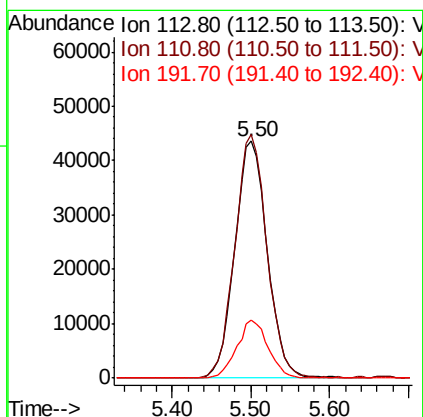
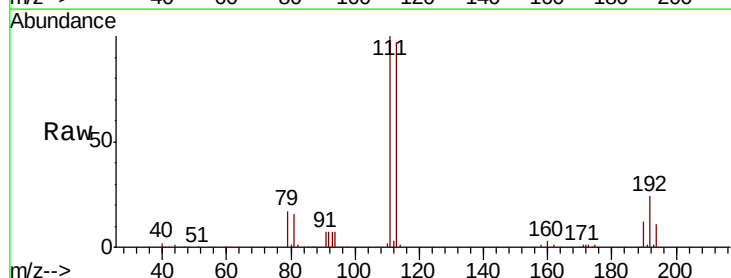
Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307S-20190607

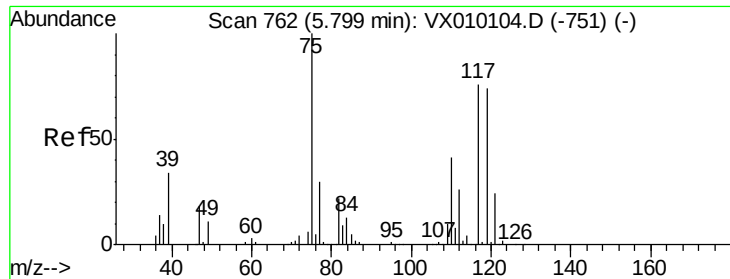
Tot Ion	Ratio	Lower	Upper
114	100		
63	16.3	0.0	47.4
88	14.2	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.473 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX010191.D
 Acq: 10 Jun 2019 20:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	82.2	123.2
192	23.5	17.1	25.7





#36

1,1-Dichloropropene

Concen: 4.799 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX010191.D

Acq: 10 Jun 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307S-20190607

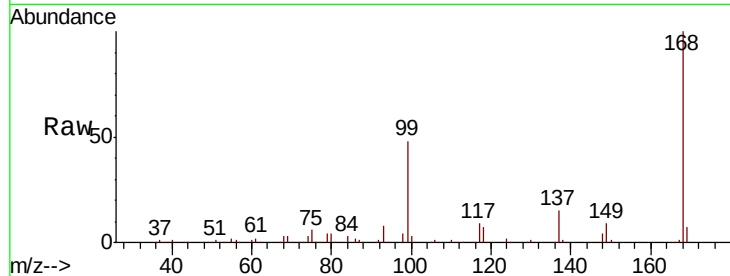
Tot Ion: 75 Resp: 16055

Ion Ratio Lower Upper

75 100

110 10.6 16.7 50.1#

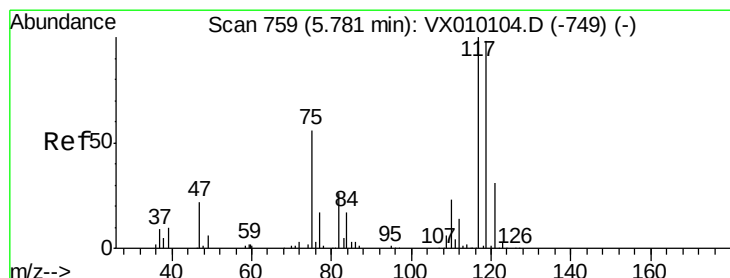
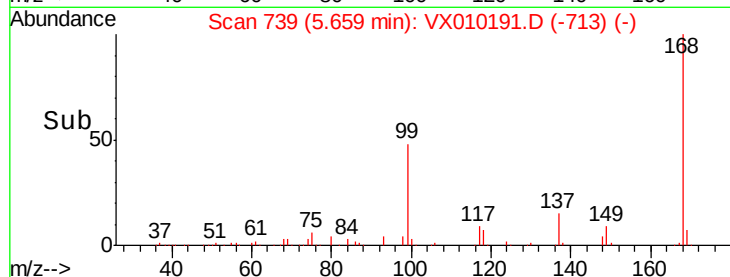
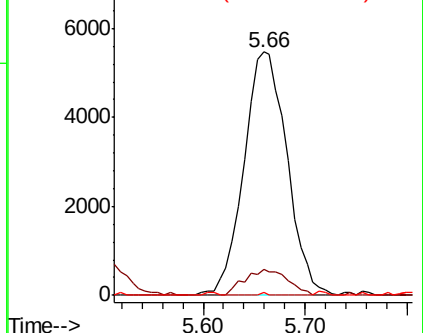
77 0.2 25.0 37.4#



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: 5.982 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX010191.D

Acq: 10 Jun 2019 20:26

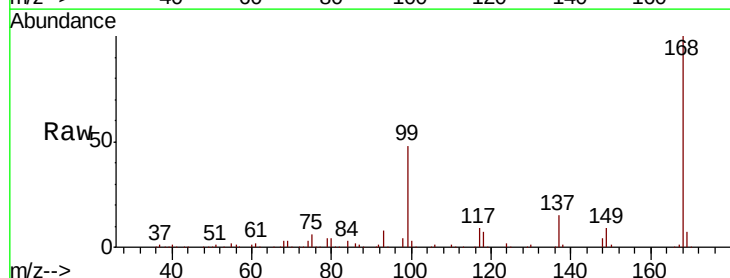
Tgt Ion: 117 Resp: 22651

Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

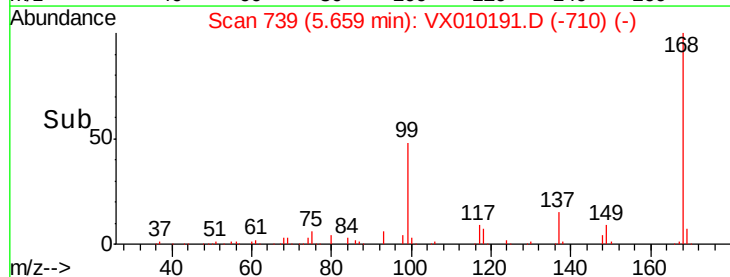
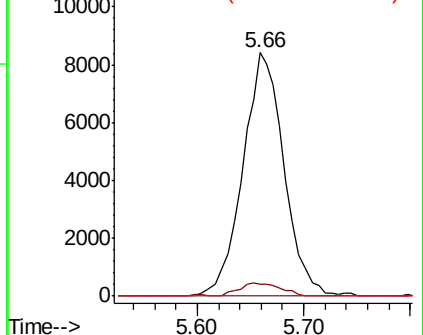
121 0.0 25.4 38.0#

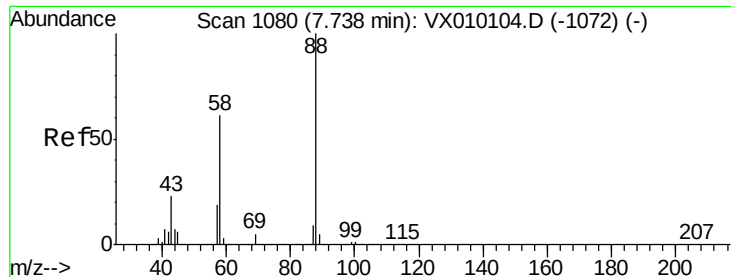


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.593 ug/l

RT: 7.99 min Scan# 1122

Delta R.T. 0.26 min

Lab File: VX010191.D

Acq: 10 Jun 2019 20:26

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ClientSampleId :

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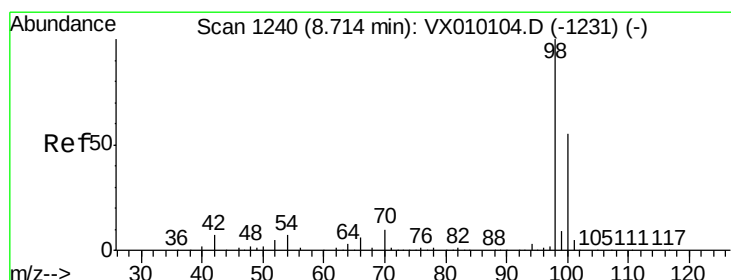
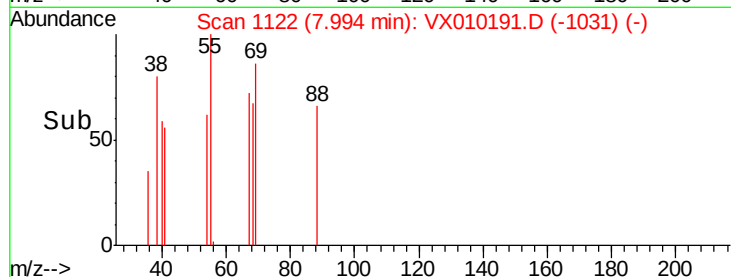
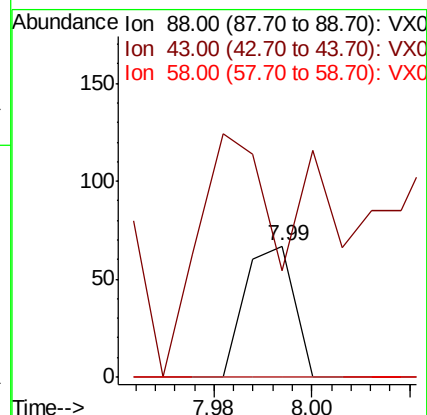
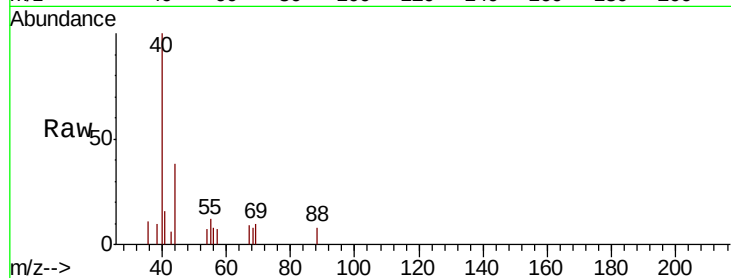
Tot Ion: 88 Resp: 46

Ion Ratio Lower Upper

88 100

43 282.6 30.2 45.4#

58 0.0 64.0 96.0#



#50

Toluene-d8

Concen: 49.851 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010191.D

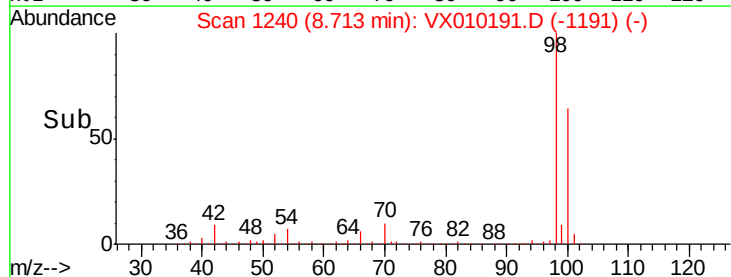
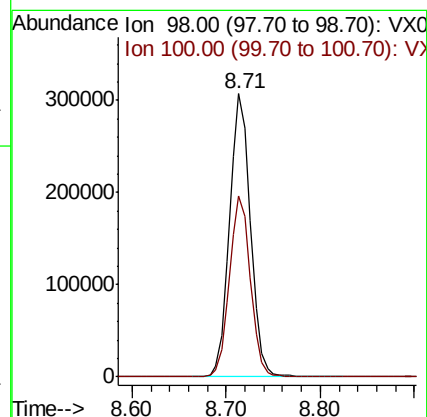
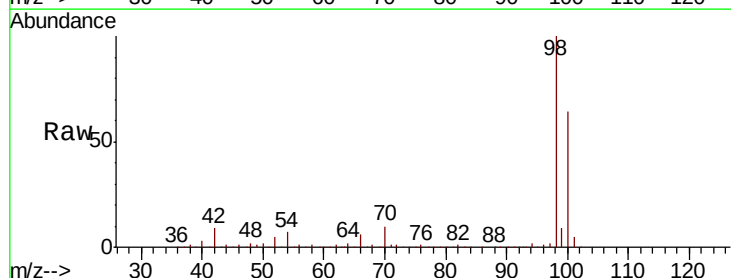
Acq: 10 Jun 2019 20:26

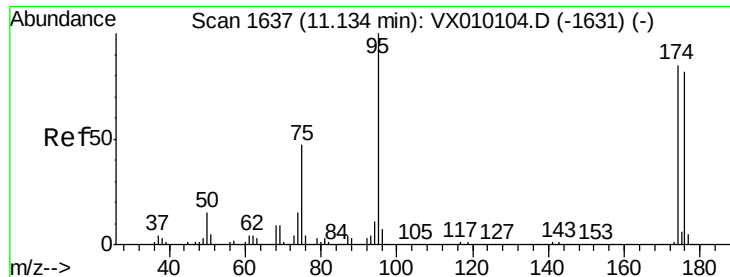
Tgt Ion: 98 Resp: 472562

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 46.217 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010191.D

Acq: 10 Jun 2019 20:26

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW307S-20190607

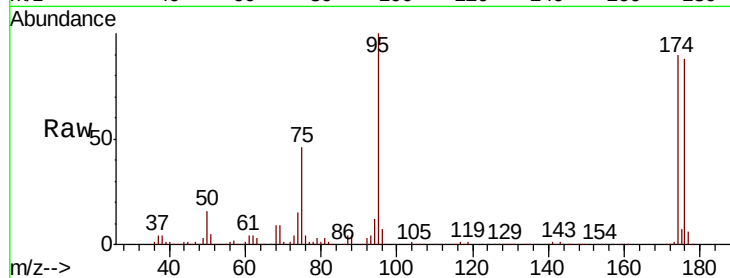
Tot Ion: 95 Resp: 163616

Ion Ratio Lower Upper

95 100

174 94.8 0.0 160.4

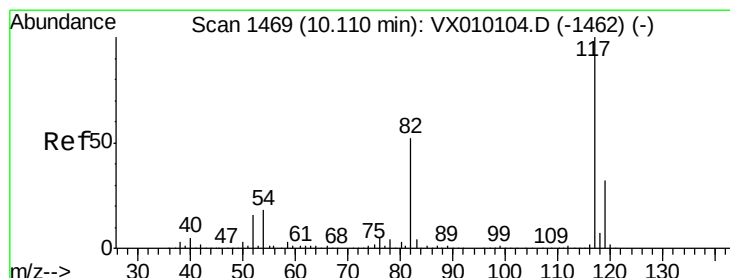
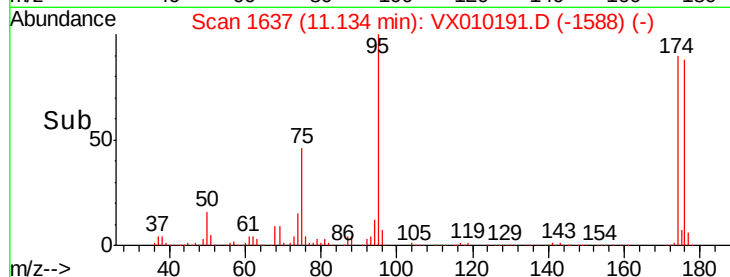
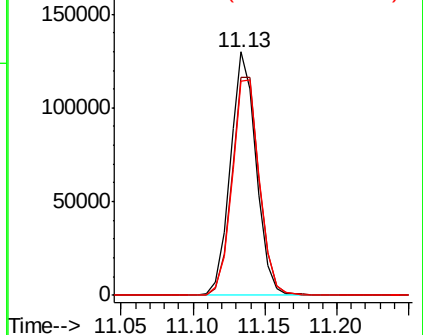
176 93.2 0.0 154.6



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010191.D

Acq: 10 Jun 2019 20:26

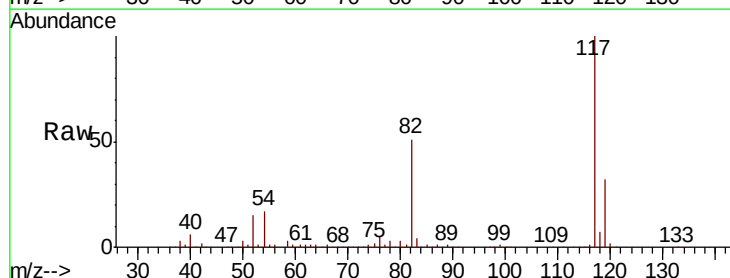
Tgt Ion: 117 Resp: 366047

Ion Ratio Lower Upper

117 100

82 51.0 49.2 73.8

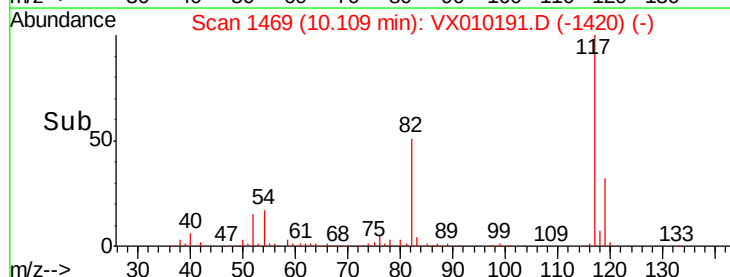
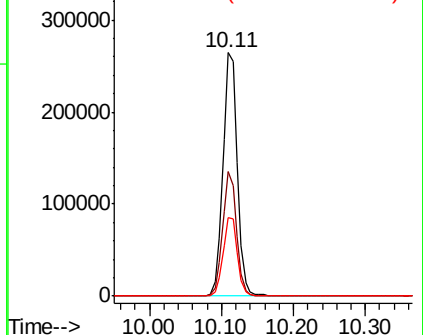
119 32.5 25.2 37.8

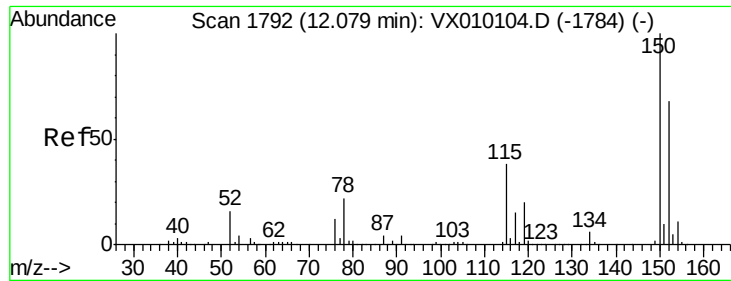


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



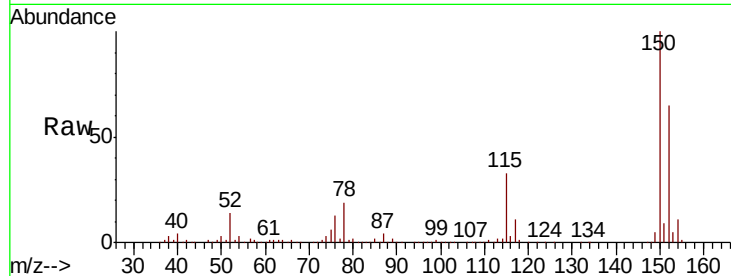


#72

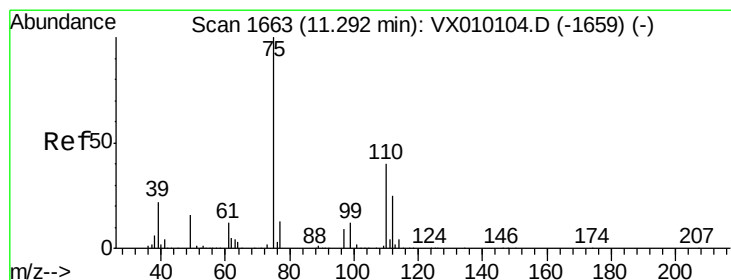
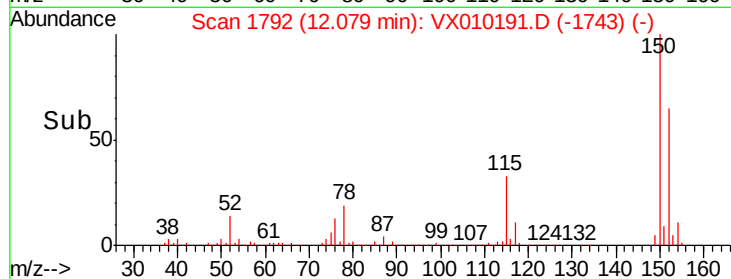
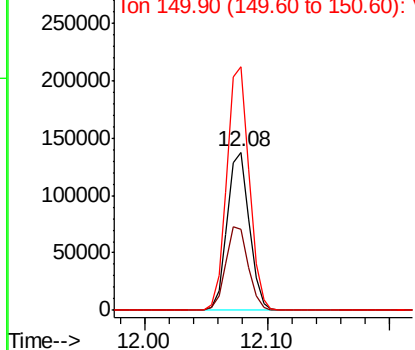
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX010191.D
Acq: 10 Jun 2019 20:26

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW307S-20190607

Tot Ion:152 Resp: 171566
Ion Ratio Lower Upper
152 100
115 53.9 41.4 124.2
150 155.8 0.0 345.2



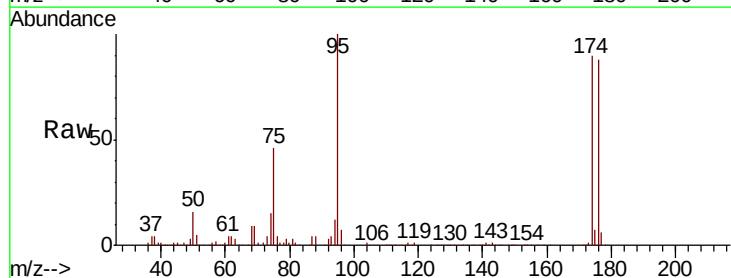
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



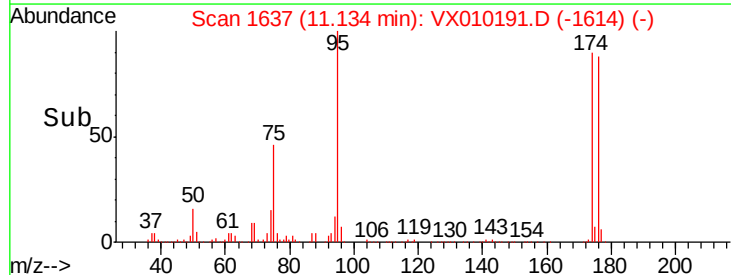
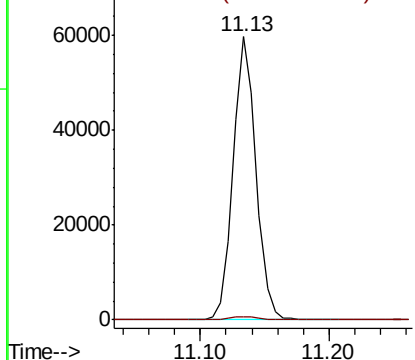
#76

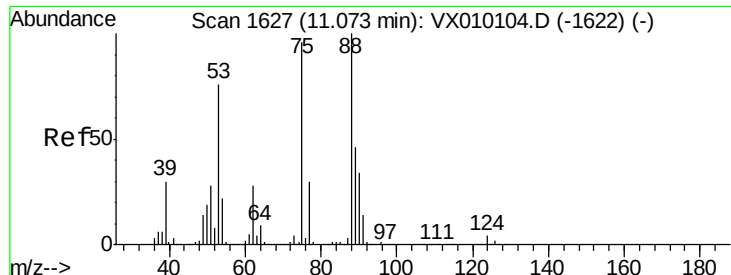
1,2,3-Trichloropropane
Concen: 21.566 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX010191.D
Acq: 10 Jun 2019 20:26

Tgt Ion: 75 Resp: 74007
Ion Ratio Lower Upper
75 100
77 1.4 22.1 66.1#



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: 47.649 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010191.D
 Acq: 10 Jun 2019 20:26

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW307S-20190607

Tot Ion: 75 Resp: 74007
 Ion Ratio Lower Upper
 75 100
 53 0.1 79.8 119.6#
 89 0.0 34.2 51.4#

