

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010176.D
 Acq On : 10 Jun 2019 14:35
 Operator : JC/SP
 Sample : K3249-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30211-20190606

Quant Time: Jun 11 10:38:27 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

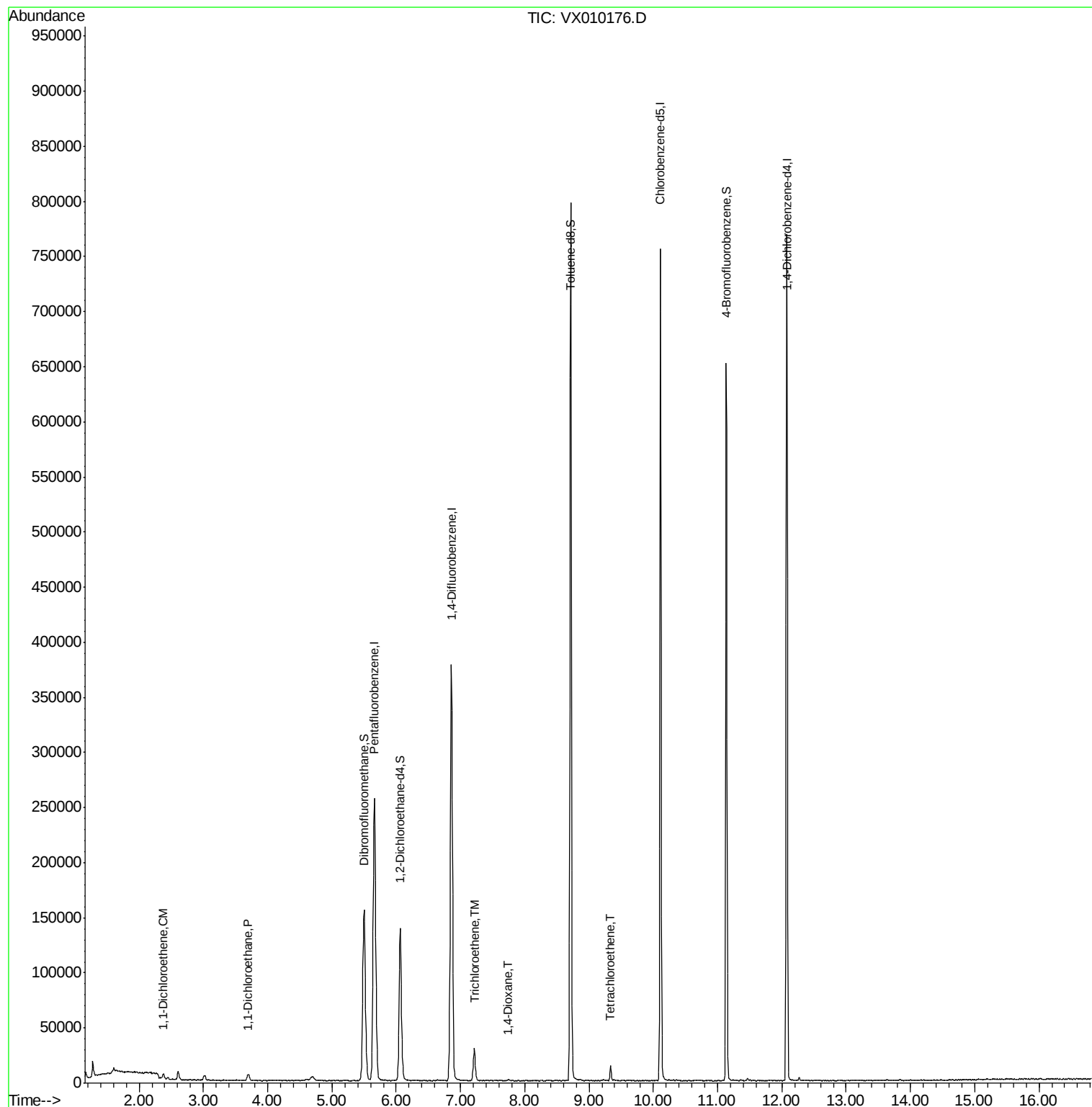
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	275649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	421332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	379298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	123713	45.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.96%	
35) Dibromofluoromethane	5.50	113	129428	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	8.71	98	493961	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
62) 4-Bromofluorobenzene	11.13	95	170700	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.37	96	1232	0.498	ug/l #	85
24) 1,1-Dichloroethane	3.70	63	5912	1.363	ug/l #	94
44) Trichloroethene	7.21	130	12045	3.759	ug/l	93
49) 1,4-Dioxane	7.75	88	1042	13.068	ug/l #	87
64) Tetrachloroethene	9.34	164	2770	0.983	ug/l	96

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061019\
Data File : VX010176.D
Acq On : 10 Jun 2019 14:35
Operator : JC/SP
Sample : K3249-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30211-20190606

Quant Time: Jun 11 10:38:27 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: VX010176.D

Acq: 10 Jun 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

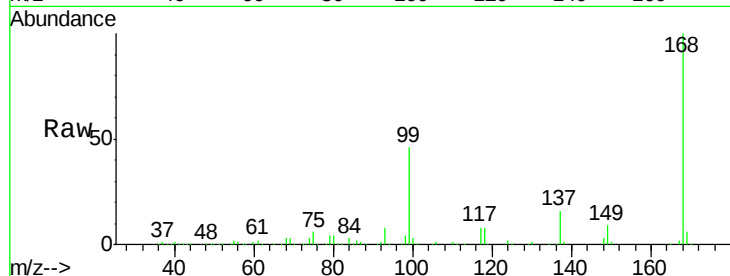
BPS1-TT-MW30211-20190606

Tot Ion:168 Resp: 275649

Ion Ratio Lower Upper

168 100

99 46.2 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

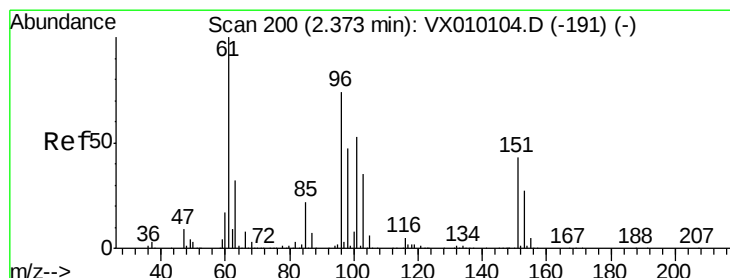
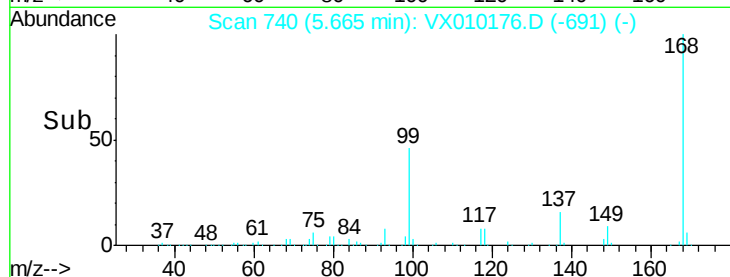
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.498 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010176.D

Acq: 10 Jun 2019 14:35

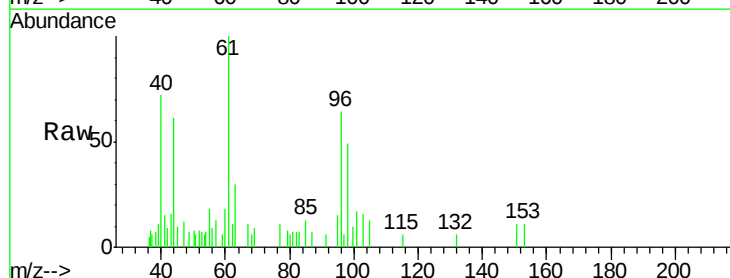
Tgt Ion: 96 Resp: 1232

Ion Ratio Lower Upper

96 100

61 157.1 140.7 211.1

98 76.7 50.1 75.1#



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

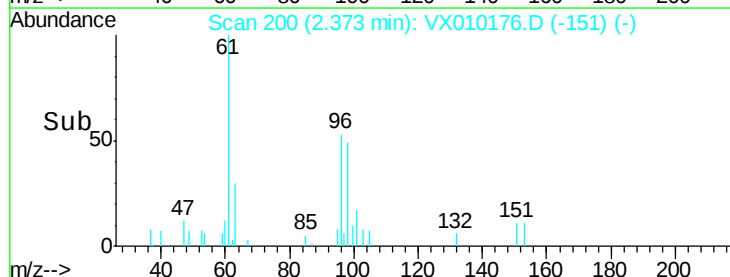
2.37

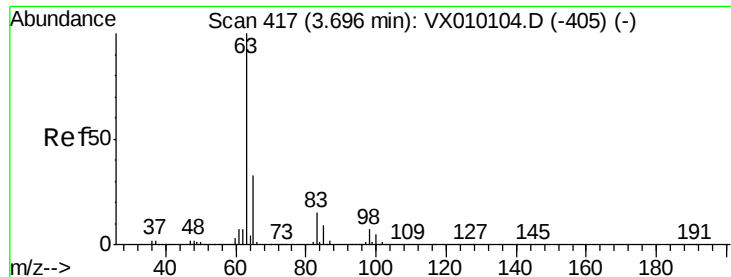
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 1.363 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010176.D

Acq: 10 Jun 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30211-20190606

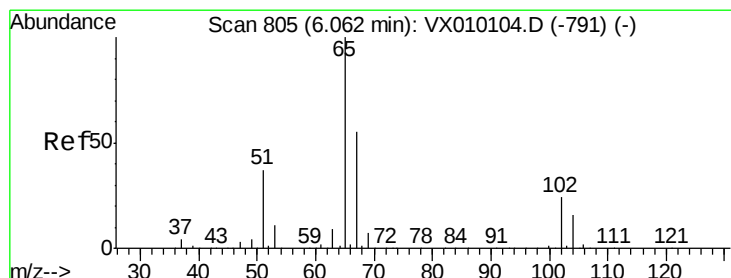
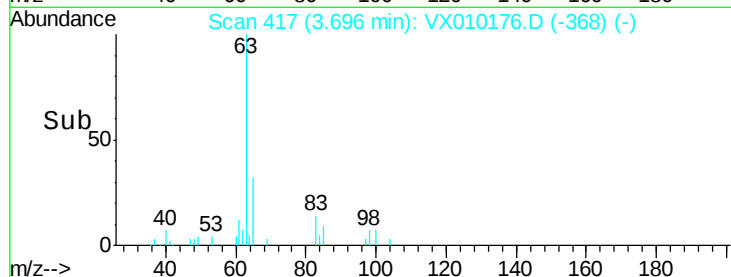
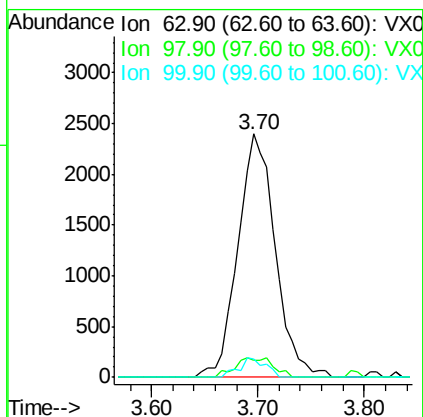
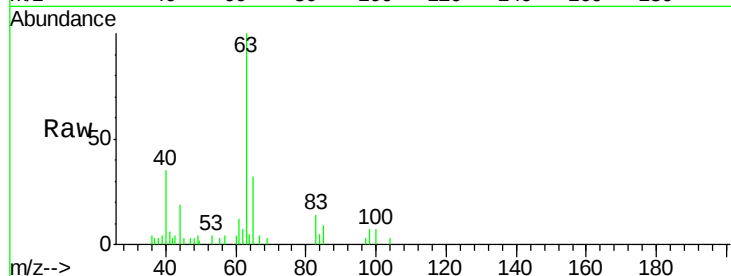
Tot Ion: 63 Resp: 5912

Ion Ratio Lower Upper

63 100

98 7.0 2.9 8.8

100 7.4 1.8 5.4#



#33

1,2-Dichloroethane-d4

Concen: 45.979 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010176.D

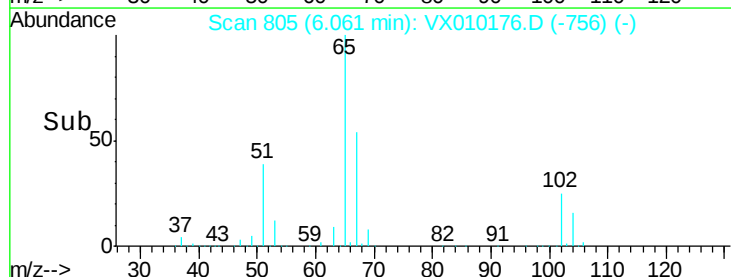
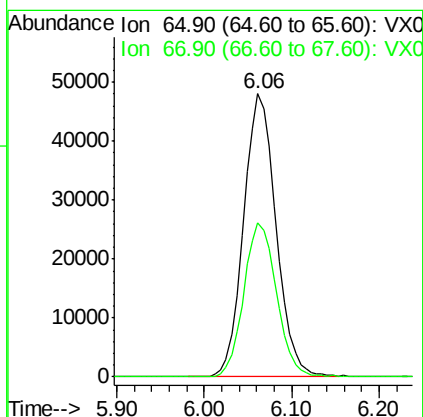
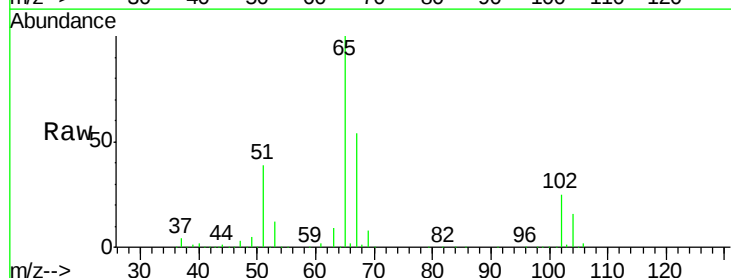
Acq: 10 Jun 2019 14:35

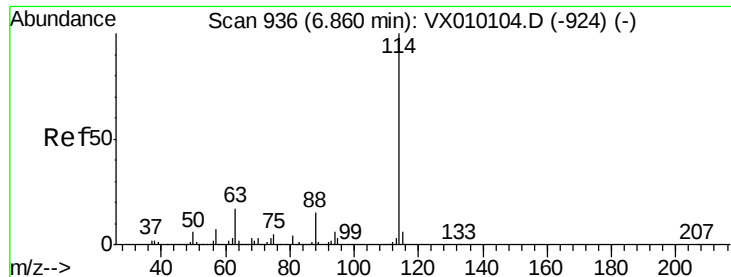
Tgt Ion: 65 Resp: 123713

Ion Ratio Lower Upper

65 100

67 54.9 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010176.D

Acq: 10 Jun 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30211-20190606

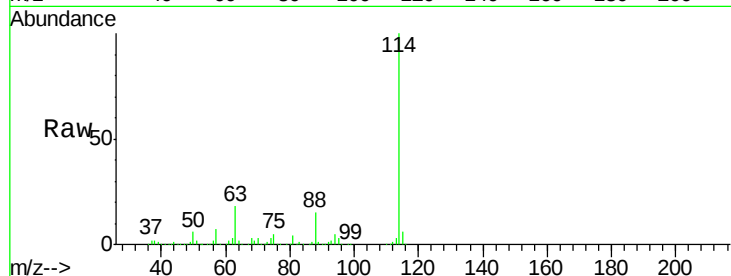
Tot Ion:114 Resp: 421332

Ion Ratio Lower Upper

114 100

63 17.5 0.0 47.4

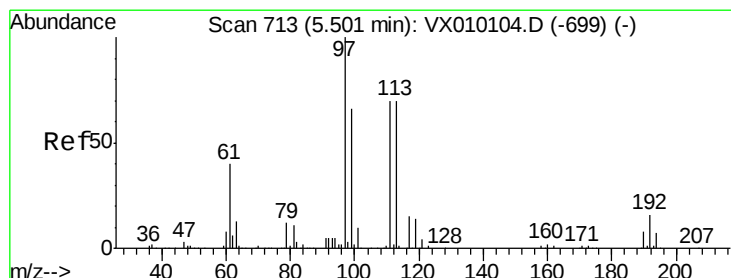
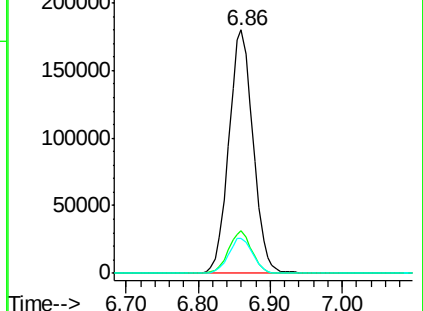
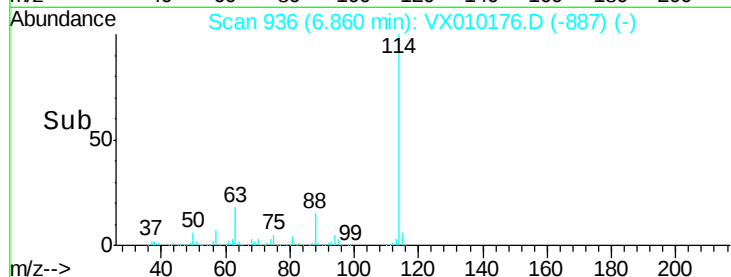
88 14.6 0.0 33.0



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: 49.802 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010176.D

Acq: 10 Jun 2019 14:35

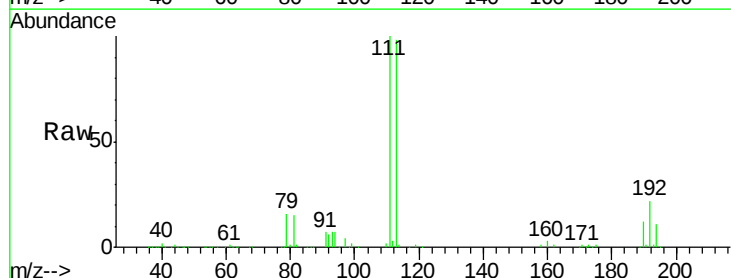
Tgt Ion:113 Resp: 129428

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

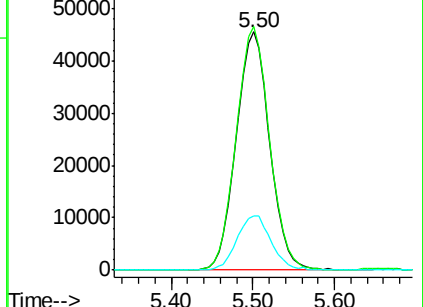
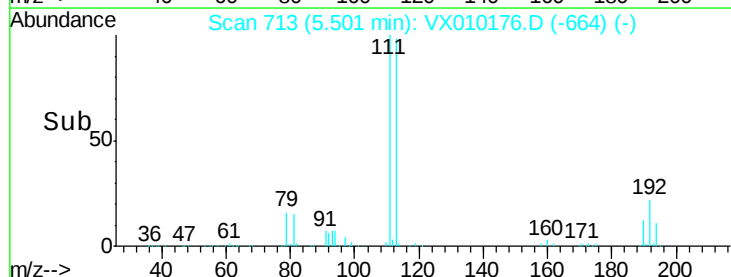
192 23.3 17.1 25.7

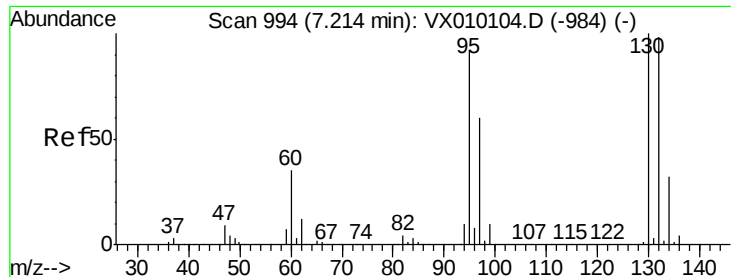


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 3.759 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010176.D

Acq: 10 Jun 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

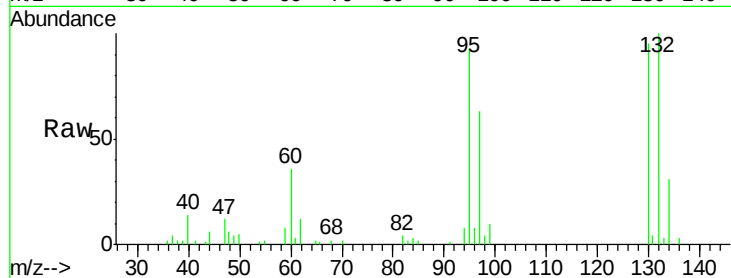
BPS1-TT-MW30211-20190606

Tot Ion:130 Resp: 12045

Ion Ratio Lower Upper

130 100

95 97.0 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

6000

5000

4000

3000

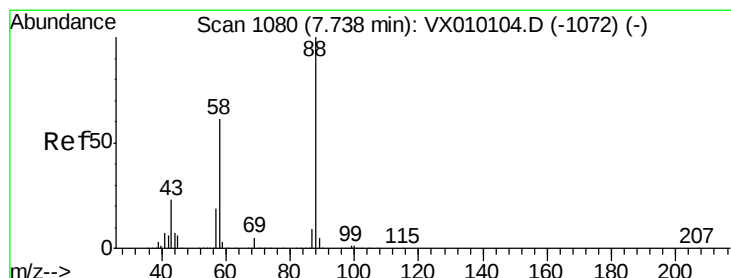
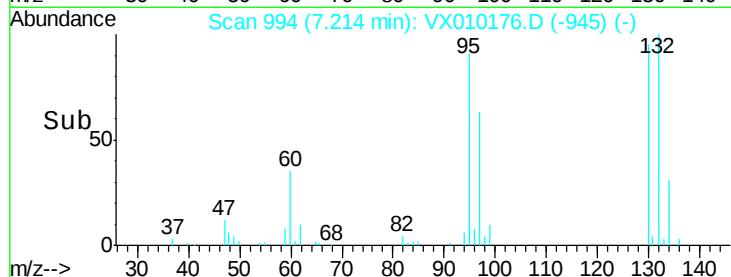
2000

1000

0

Time-->

7.15 7.20 7.25 7.30



#49

1,4-Dioxane

Concen: 13.068 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX010176.D

Acq: 10 Jun 2019 14:35

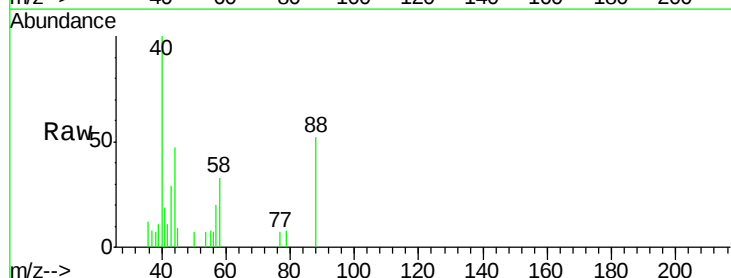
Tgt Ion: 88 Resp: 1042

Ion Ratio Lower Upper

88 100

43 16.1 30.2 45.4#

58 82.3 64.0 96.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

7.75

500

400

300

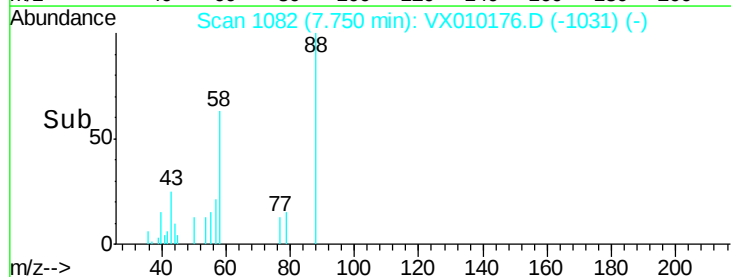
200

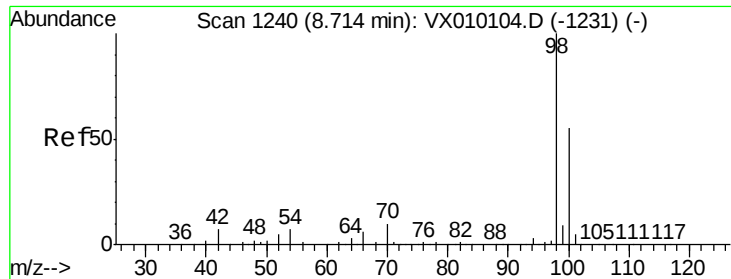
100

0

Time-->

7.70 7.75 7.80





#50

Toluene-d8

Concen: 50.714 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010176.D

Acq: 10 Jun 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

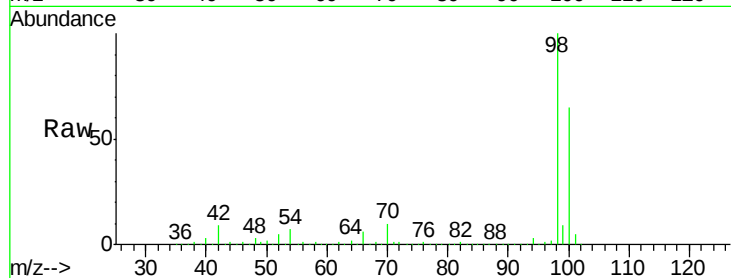
BPS1-TT-MW30211-20190606

Tot Ion: 98 Resp: 493961

Ion Ratio Lower Upper

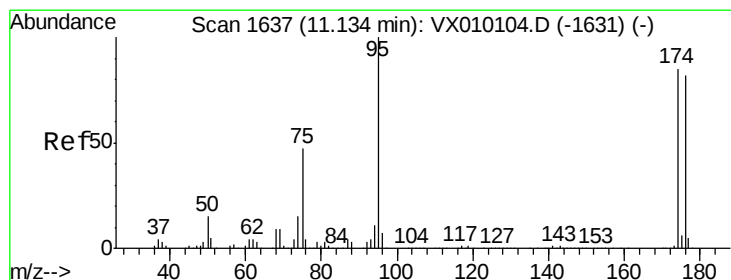
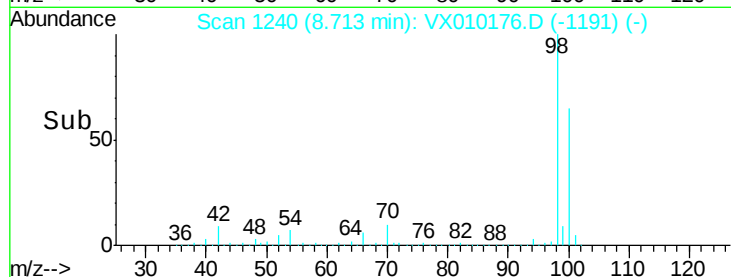
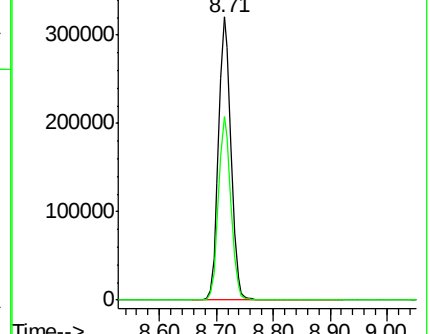
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 46.927 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010176.D

Acq: 10 Jun 2019 14:35

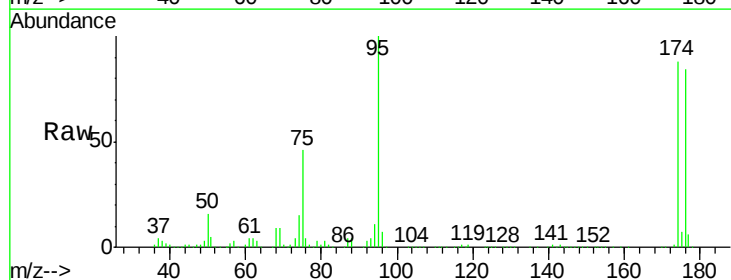
Tgt Ion: 95 Resp: 170700

Ion Ratio Lower Upper

95 100

174 93.4 0.0 160.4

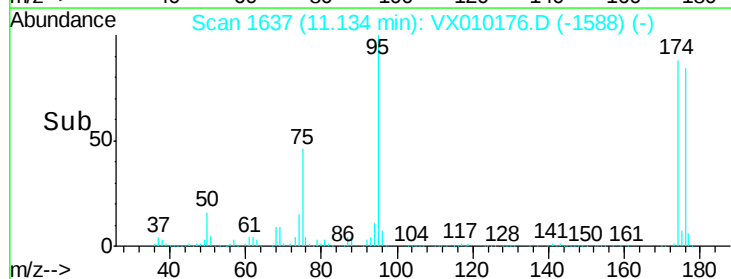
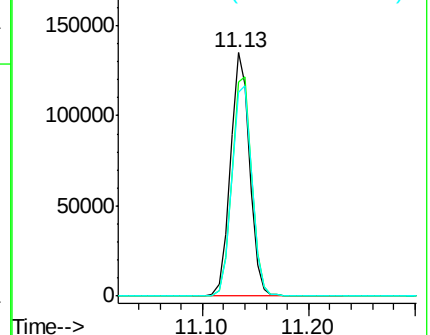
176 90.6 0.0 154.6

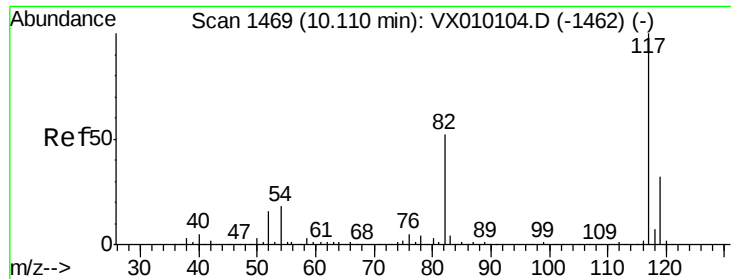


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

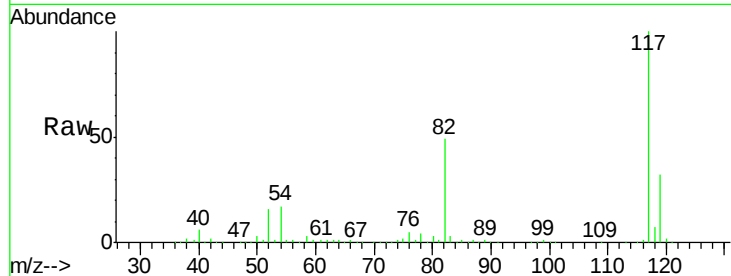




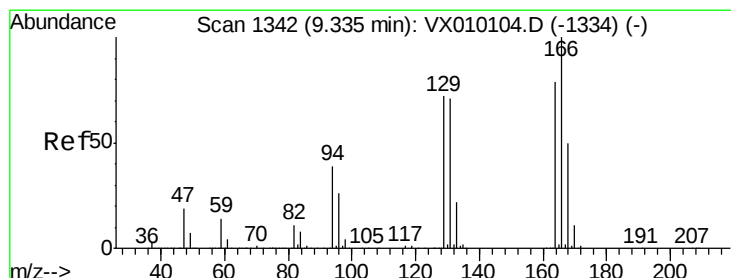
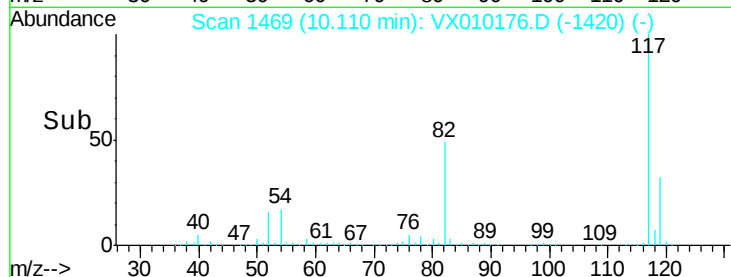
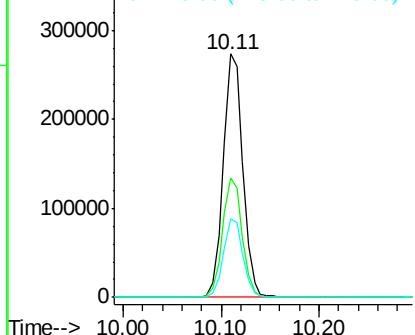
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010176.D
Acq: 10 Jun 2019 14:35

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30211-20190606

Tot Ion:117 Resp: 379298
Ion Ratio Lower Upper
117 100
82 49.3 49.2 73.8
119 32.0 25.2 37.8



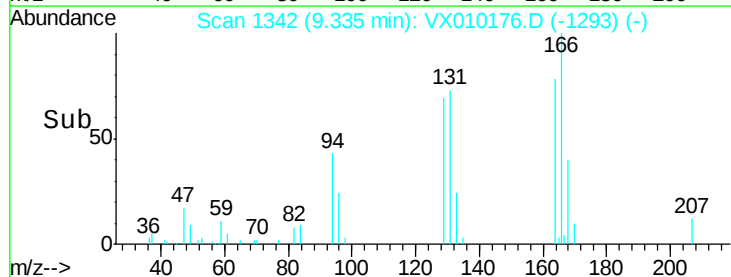
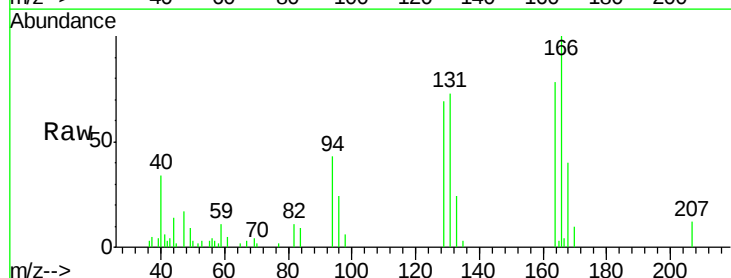
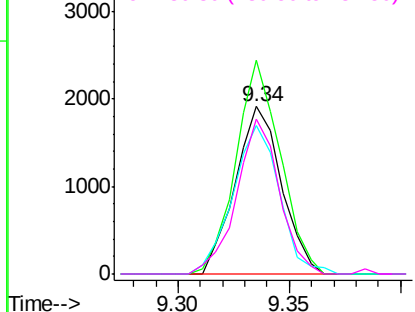
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

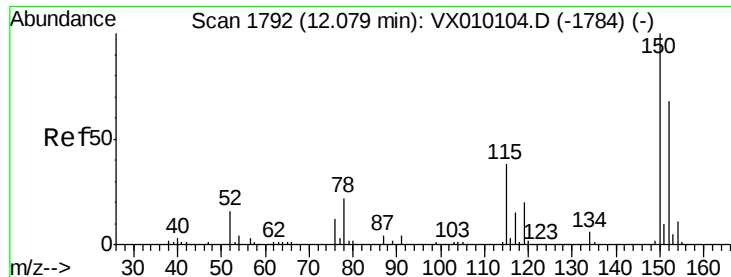


#64
Tetrachloroethene
Concen: 0.983 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010176.D
Acq: 10 Jun 2019 14:35

Tgt Ion:164 Resp: 2770
Ion Ratio Lower Upper
164 100
166 127.4 105.0 157.4
129 88.5 75.1 112.7
131 92.4 72.2 108.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX010176.D

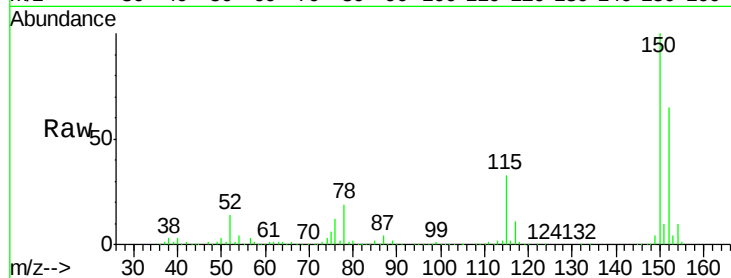
Acq: 10 Jun 2019 14:35

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30211-20190606



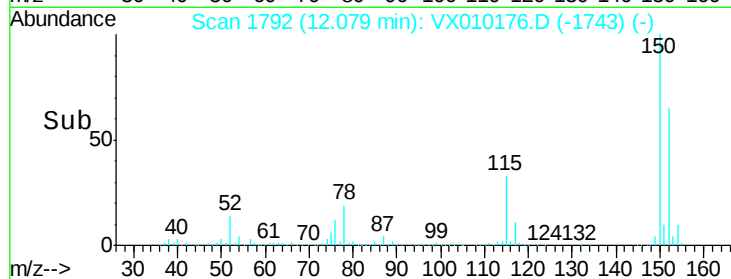
Tot Ion:152 Resp: 176809

Ion Ratio Lower Upper

152 100

115 53.1 41.4 124.2

150 156.6 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

