

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010232.D
 Acq On : 11 Jun 2019 15:05
 Operator : JC/SP
 Sample : K3279-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW30311-20190607

Quant Time: Jun 12 08:21:05 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	259723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346319	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161977	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	113223	44.66	ug/l	0.00
Spiked Amount			Recovery	=	89.32%	
35) Dibromofluoromethane	5.50	113	118474	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
50) Toluene-d8	8.71	98	450378	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	11.13	95	154486	46.57	ug/l	0.00
Spiked Amount			Recovery	=	93.14%	

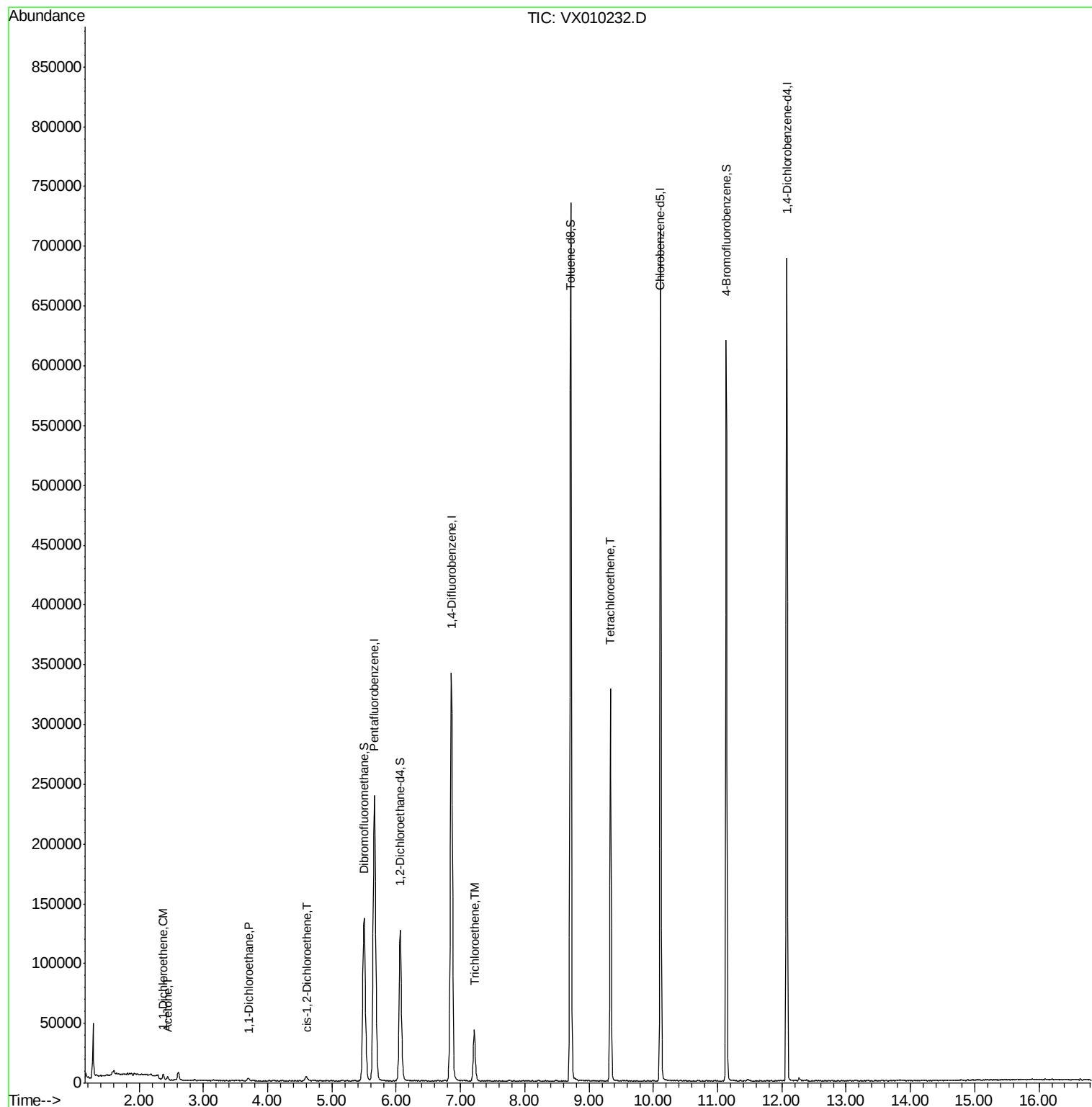
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	1555	0.667	ug/l #	76
16) Acetone	2.44	43	3147	2.639	ug/l	98
24) 1,1-Dichloroethane	3.71	63	2530	0.619	ug/l #	94
27) cis-1,2-Dichloroethene	4.61	96	2414	0.841	ug/l	70
44) Trichloroethene	7.21	130	18803	6.435	ug/l	85
64) Tetrachloroethene	9.34	164	67295	26.163	ug/l	97

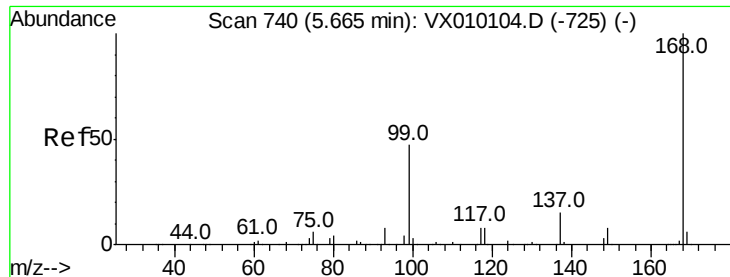
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061119\
Data File : VX010232.D
Acq On : 11 Jun 2019 15:05
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ClientSampleId :
BPS1-TT-MW303I1-20190607

Quant Time: Jun 12 08:21:05 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: VX010232.D

Acq: 11 Jun 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

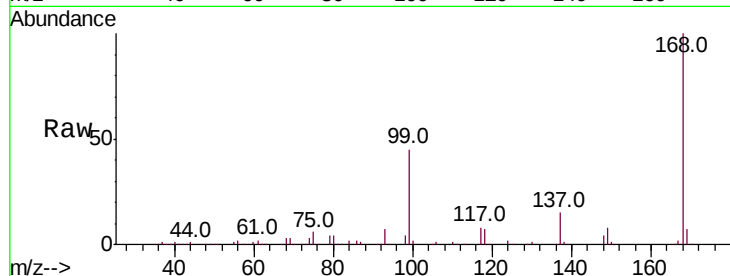
BPS1-TT-MW30311-20190607

Tot Ion:168 Resp: 259723

Ion Ratio Lower Upper

168 100

99 44.6 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

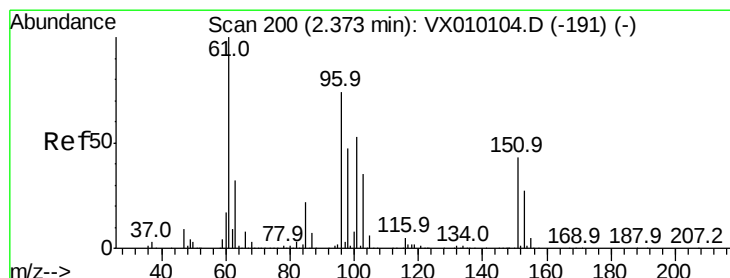
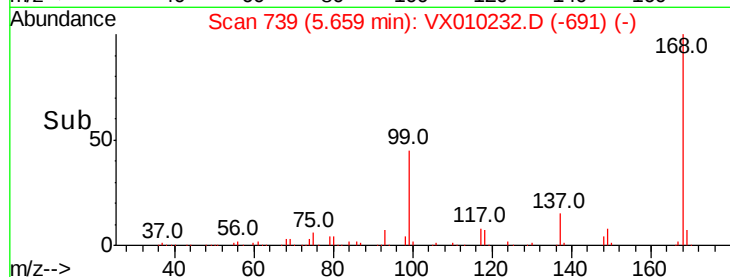
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.667 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX010232.D

Acq: 11 Jun 2019 15:05

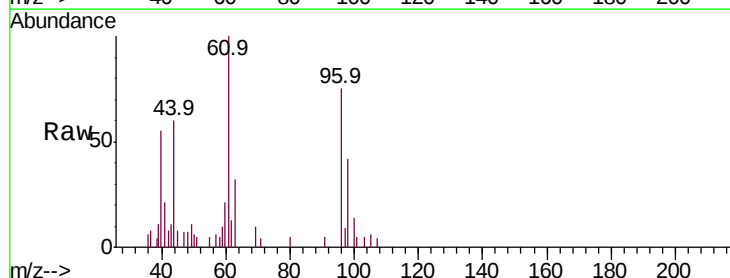
Tgt Ion: 96 Resp: 1555

Ion Ratio Lower Upper

96 100

61 133.7 140.7 211.1#

98 56.1 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

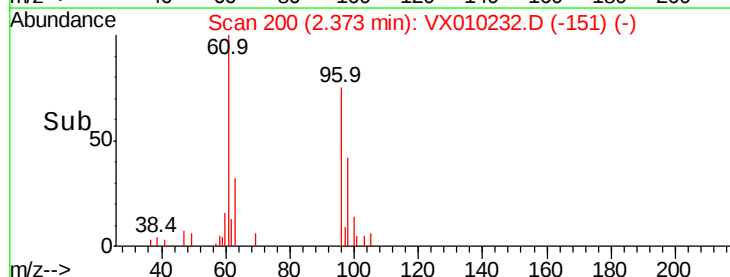
1500

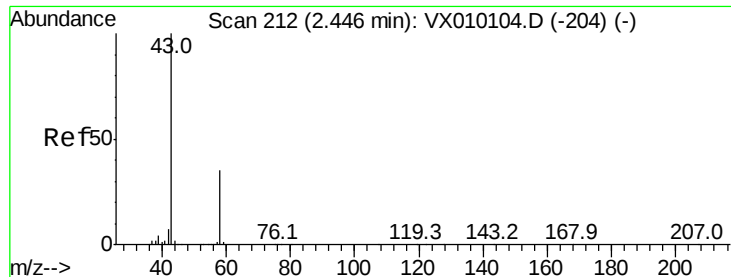
1000

500

0

Time--> 2.30 2.35 2.40





#16

Acetone

Concen: 2.639 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010232.D

Acq: 11 Jun 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

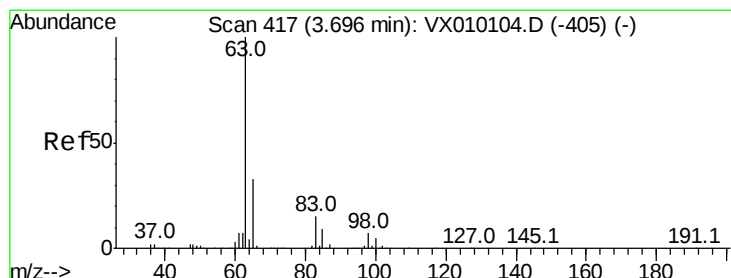
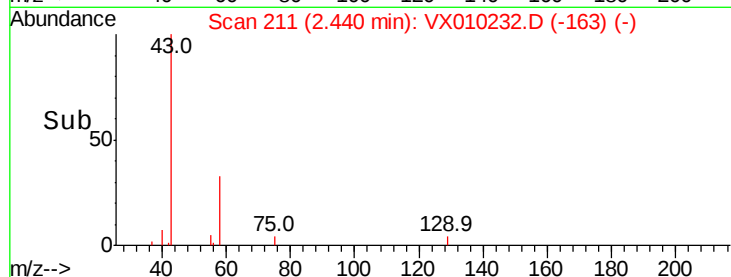
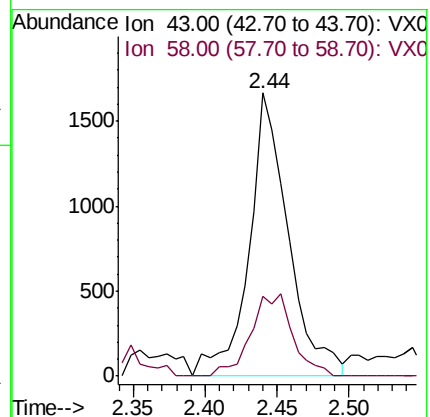
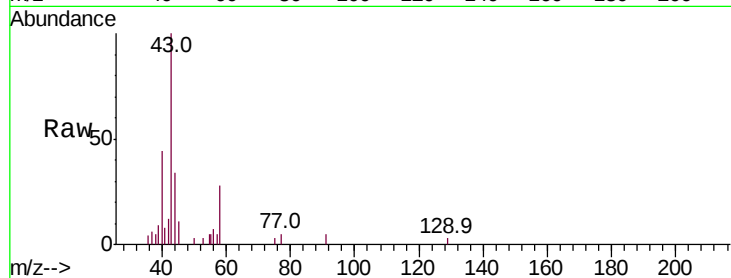
BPS1-TT-MW30311-20190607

Tot Ion: 43 Resp: 3147

Ion Ratio Lower Upper

43 100

58 28.0 23.2 34.8



#24

1,1-Dichloroethane

Concen: 0.619 ug/l

RT: 3.71 min Scan# 419

Delta R.T. 0.01 min

Lab File: VX010232.D

Acq: 11 Jun 2019 15:05

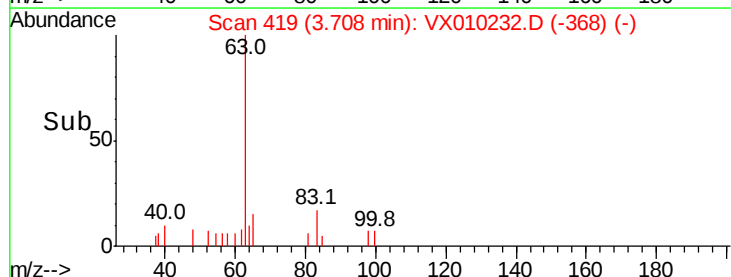
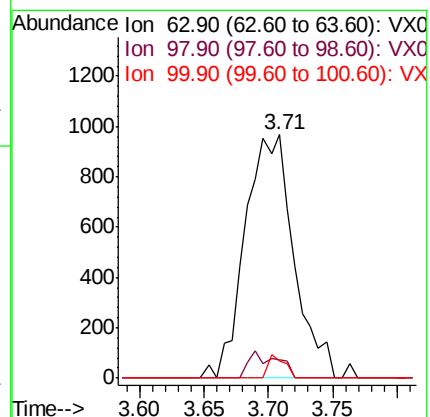
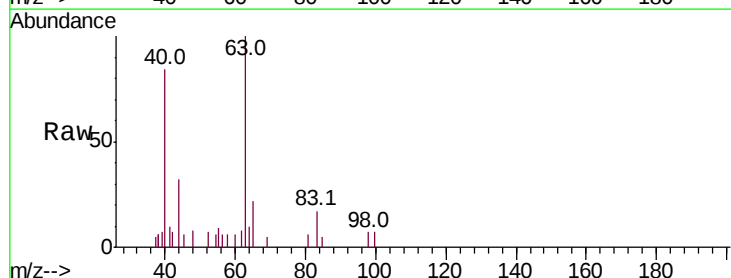
Tgt Ion: 63 Resp: 2530

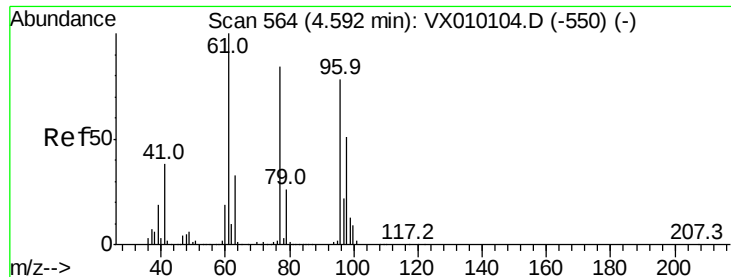
Ion Ratio Lower Upper

63 100

98 7.3 2.9 8.8

100 6.8 1.8 5.4#



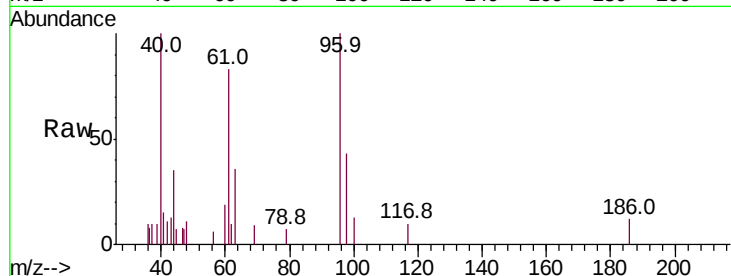


#27

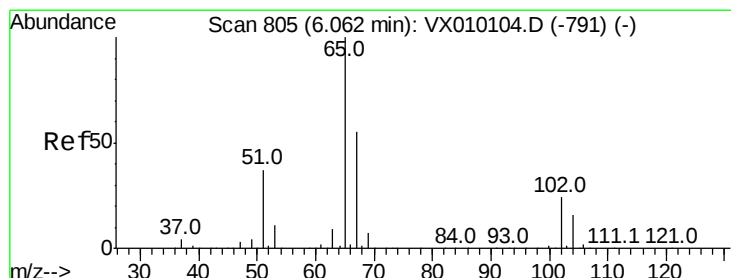
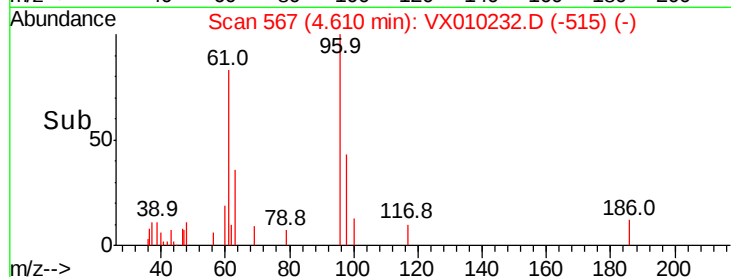
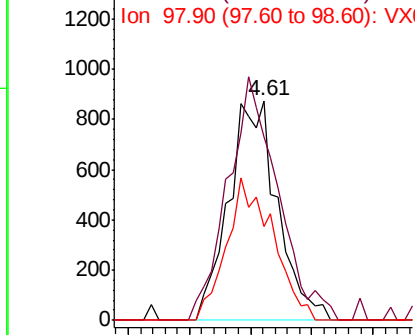
cis-1,2-Dichloroethene
Concen: 0.841 ug/l
RT: 4.61 min Scan# 567
Delta R.T. 0.02 min
Lab File: VX010232.D
Acq: 11 Jun 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW30311-20190607

Tot Ion: 96 Resp: 2414
Ion Ratio Lower Upper
96 100
61 114.1 0.0 334.0
98 61.4 0.0 131.6



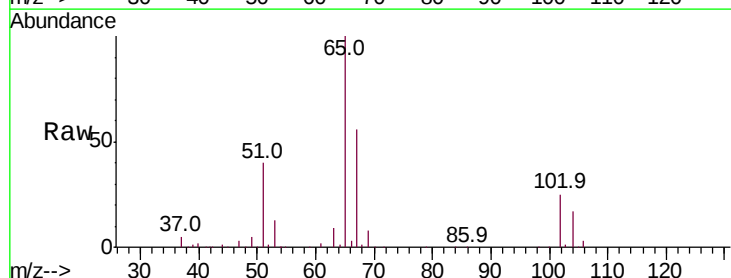
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



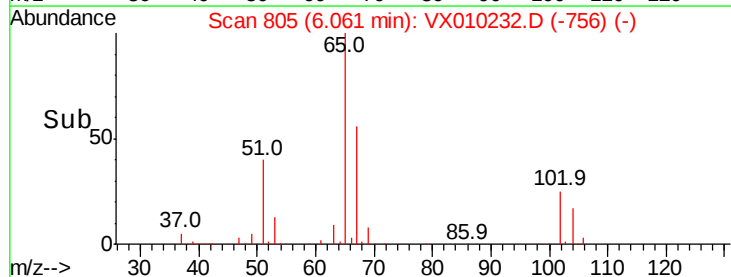
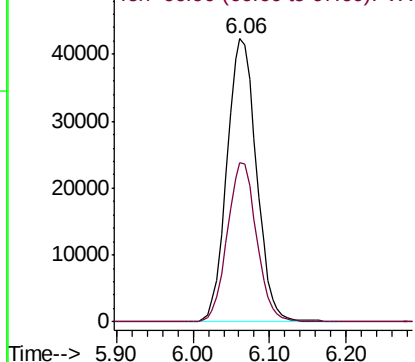
#33

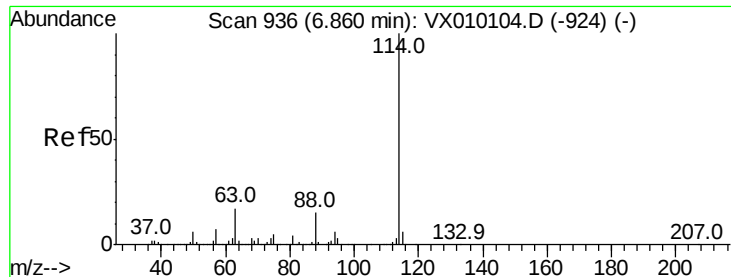
1,2-Dichloroethane-d4
Concen: 44.661 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010232.D
Acq: 11 Jun 2019 15:05

Tgt Ion: 65 Resp: 113223
Ion Ratio Lower Upper
65 100
67 55.7 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: VX010232.D

Acq: 11 Jun 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30311-20190607

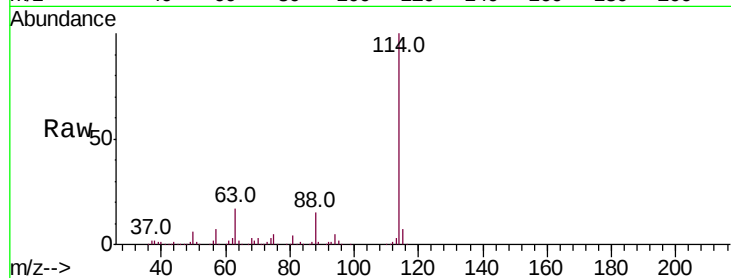
Tot Ion:114 Resp: 384233

Ion Ratio Lower Upper

114 100

63 16.6 0.0 47.4

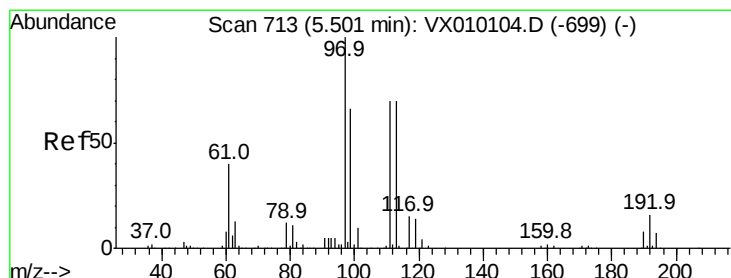
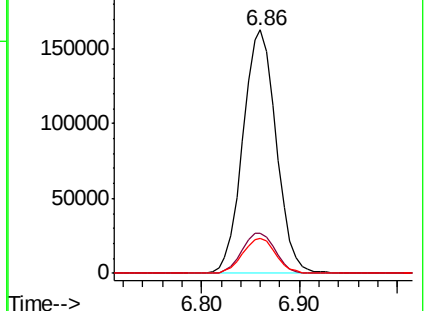
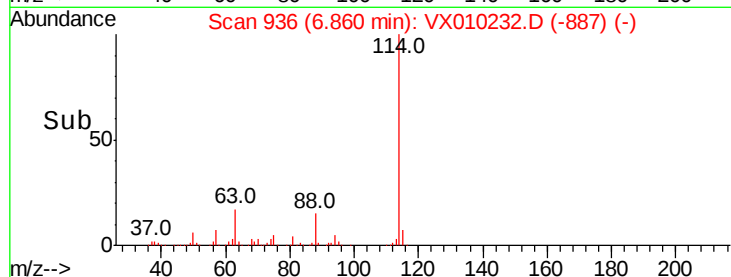
88 14.5 0.0 33.0



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: 49.988 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010232.D

Acq: 11 Jun 2019 15:05

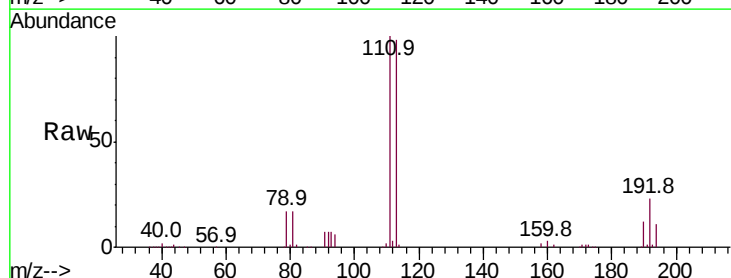
Tgt Ion:113 Resp: 118474

Ion Ratio Lower Upper

113 100

111 100.7 82.2 123.2

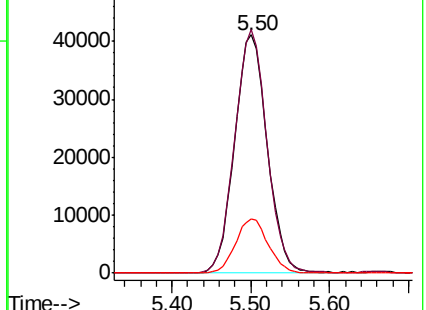
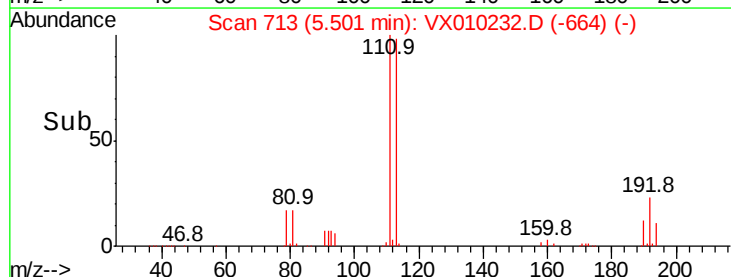
192 22.8 17.1 25.7

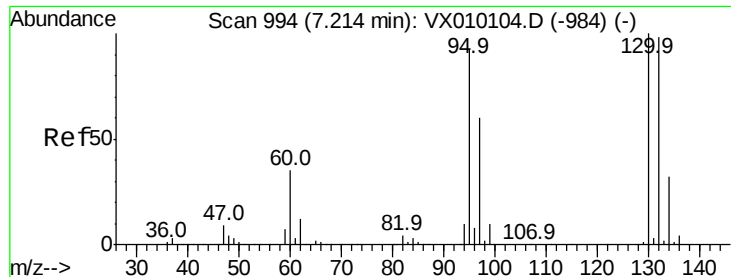


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.435 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010232.D

Acq: 11 Jun 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

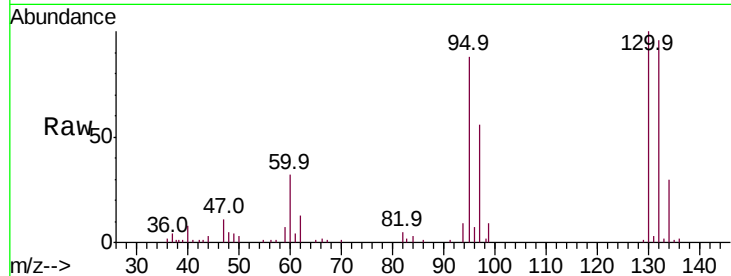
BPS1-TT-MW30311-20190607

Tot Ion:130 Resp: 18803

Ion Ratio Lower Upper

130 100

95 87.9 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

8000

6000

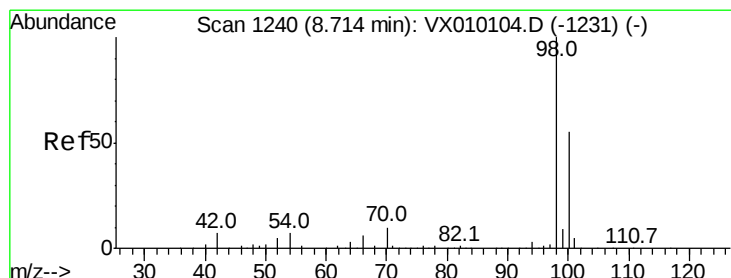
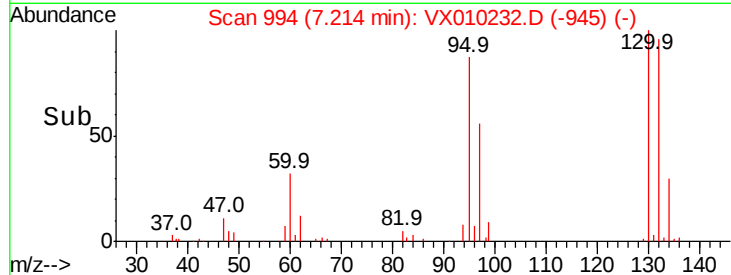
4000

2000

0

7.15 7.20 7.25 7.30

Time-->



#50

Toluene-d8

Concen: 50.704 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010232.D

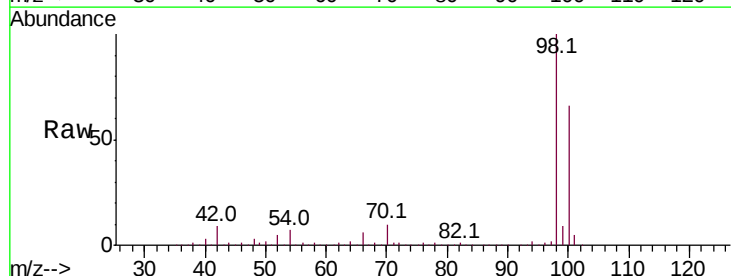
Acq: 11 Jun 2019 15:05

Tgt Ion: 98 Resp: 450378

Ion Ratio Lower Upper

98 100

100 64.5 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

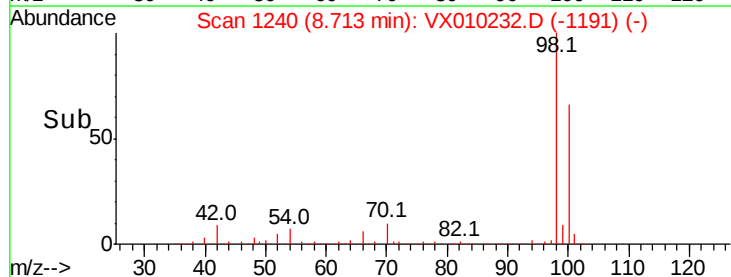
200000

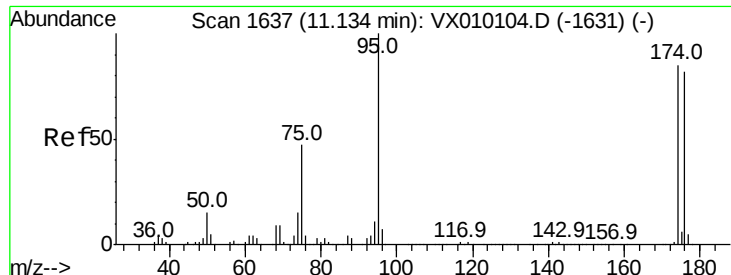
100000

0

8.60 8.70 8.80

Time-->





#62

4-Bromofluorobenzene

Concen: 46.570 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010232.D

Acq: 11 Jun 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30311-20190607

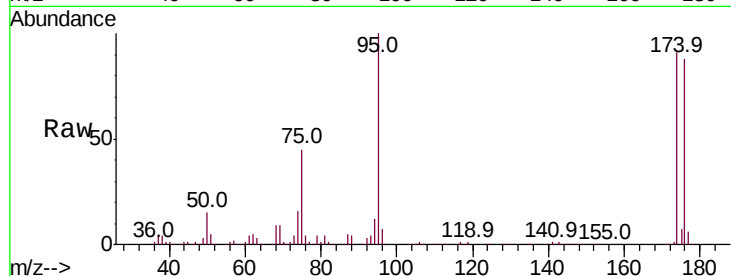
Tot Ion: 95 Resp: 154486

Ion Ratio Lower Upper

95 100

174 96.2 0.0 160.4

176 92.9 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX010104.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010104.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010104.D (-1631) (-)

11.13

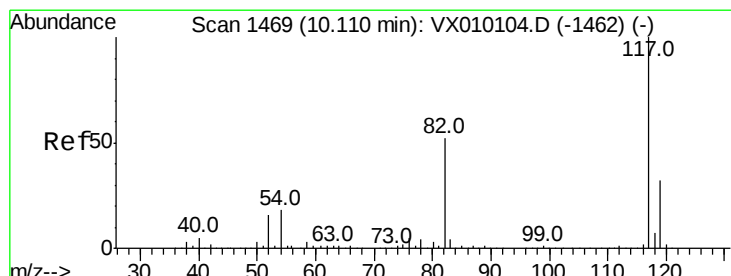
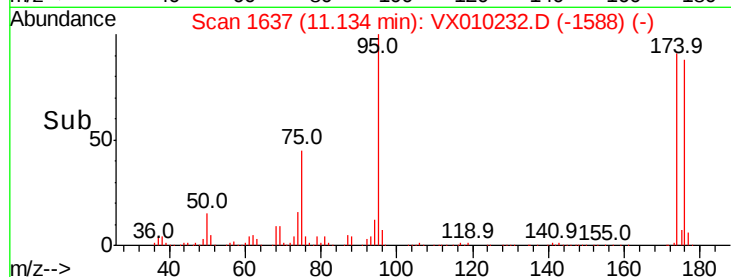
150000

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: VX010232.D

Acq: 11 Jun 2019 15:05

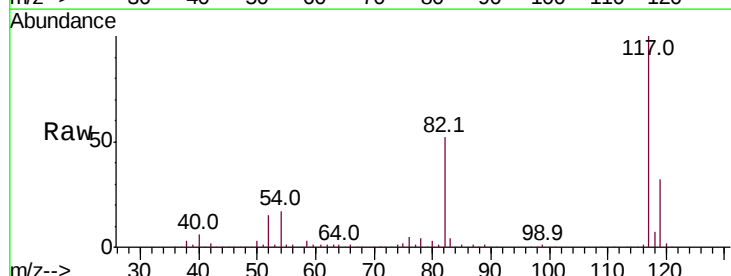
Tgt Ion: 117 Resp: 346319

Ion Ratio Lower Upper

117 100

82 51.6 49.2 73.8

119 31.6 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): VX010104.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010104.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010104.D (-1462) (-)

10.11

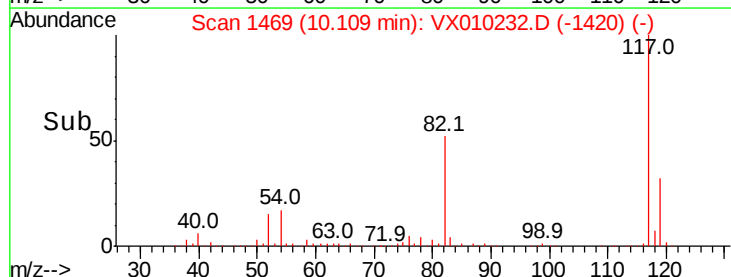
300000

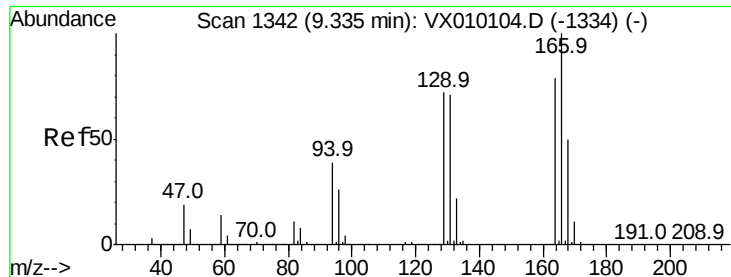
200000

100000

0

Time-->





#64

Tetrachloroethene

Concen: 26.163 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX010232.D

Acq: 11 Jun 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW30311-20190607

Tot Ion:164 Resp: 67295

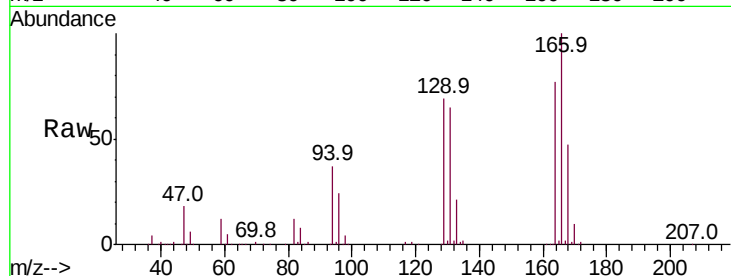
Ion Ratio Lower Upper

164 100

166 130.4 105.0 157.4

129 90.6 75.1 112.7

131 85.4 72.2 108.4

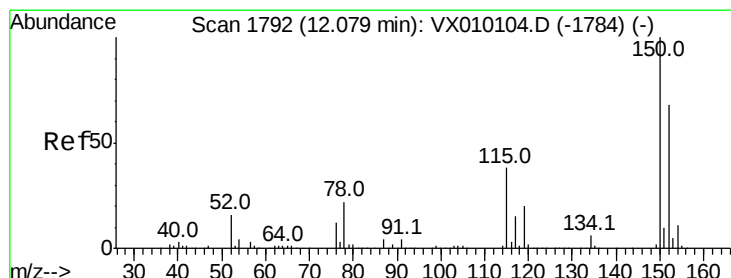
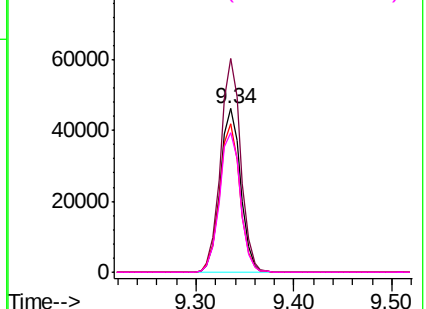
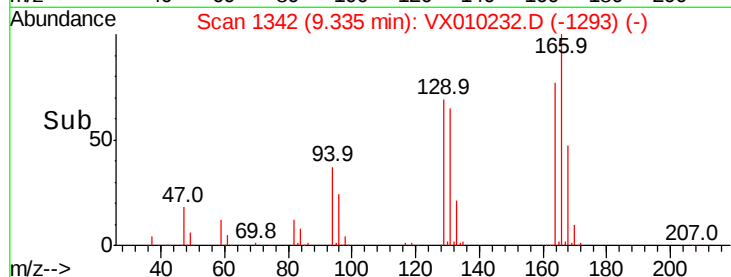


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX010232.D

Acq: 11 Jun 2019 15:05

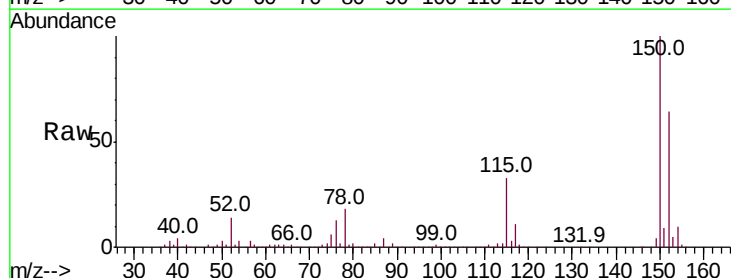
Tgt Ion:152 Resp: 161977

Ion Ratio Lower Upper

152 100

115 53.7 41.4 124.2

150 157.0 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

