

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008220.D
 Acq On : 20 Mar 2019 04:27
 Operator : JC/SP
 Sample : K1900-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305I-20190313

Quant Time: Mar 20 09:05:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

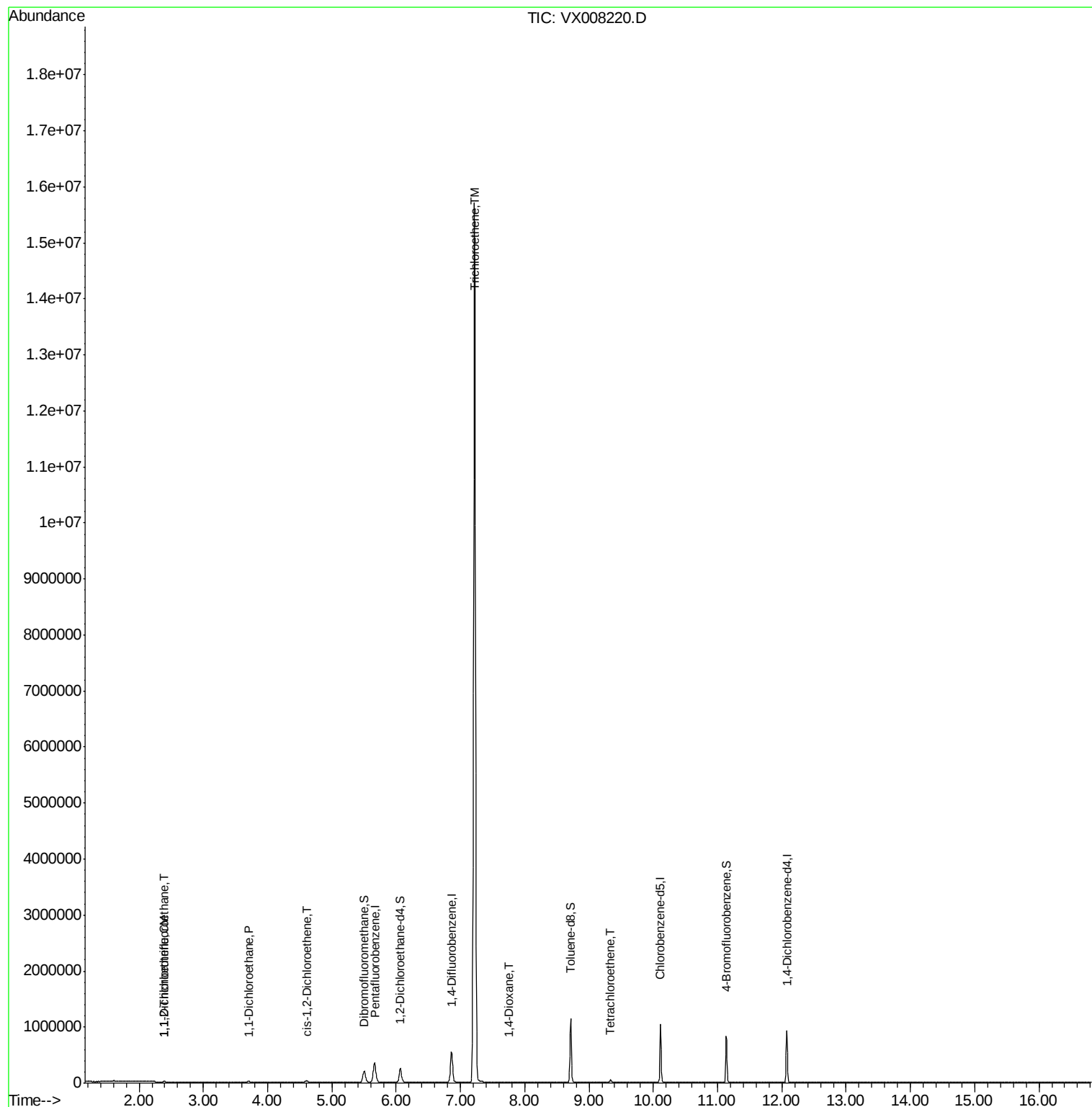
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	331010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	534867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	450136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183185	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	229589	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
35) Dibromofluoromethane	5.50	113	168823	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
50) Toluene-d8	8.71	98	662389	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	11.13	95	211699	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3776	0.888	ug/l #	85
12) 1,1-Dichloroethene	2.38	96	2714	0.676	ug/l	95
24) 1,1-Dichloroethane	3.70	63	13687	1.554	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	14856	3.003	ug/l	99
44) Trichloroethene	7.22	130	5648459	1253.356	ug/l	89
49) 1,4-Dioxane	7.75	88	1876	16.945	ug/l #	90
64) Tetrachloroethene	9.34	164	8078	1.989	ug/l	91

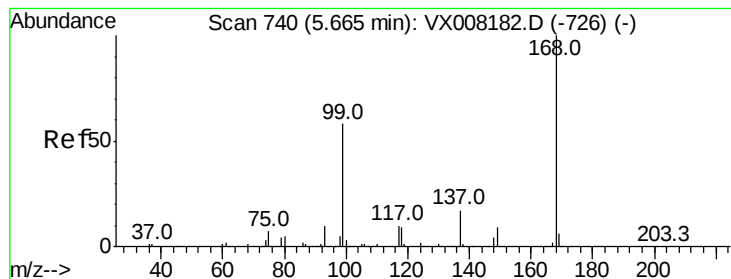
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\
Data File : VX008220.D
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Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305I-20190313

Quant Time: Mar 20 09:05:30 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 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: VX008220.D

Acq: 20 Mar 2019 04:27

Instrument :

MSVOA_X

ClientSampleId :

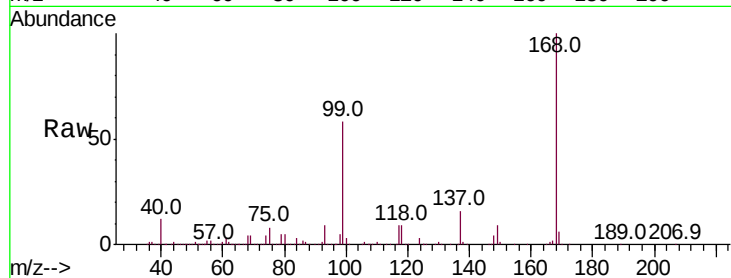
BPS1-TT-MW305I-20190313

Tot Ion:168 Resp: 331010

Ion Ratio Lower Upper

168 100

99 57.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

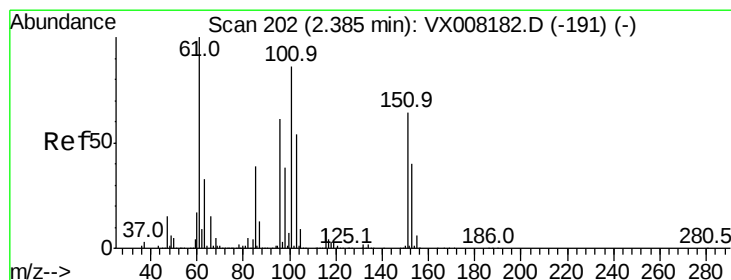
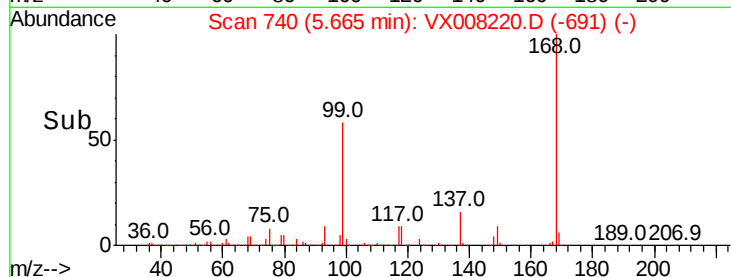
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.888 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

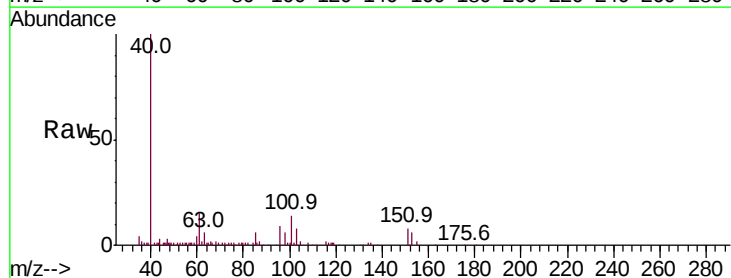
Tgt Ion:101 Resp: 3776

Ion Ratio Lower Upper

101 100

85 53.9 33.8 50.6#

151 74.4 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2500

2000

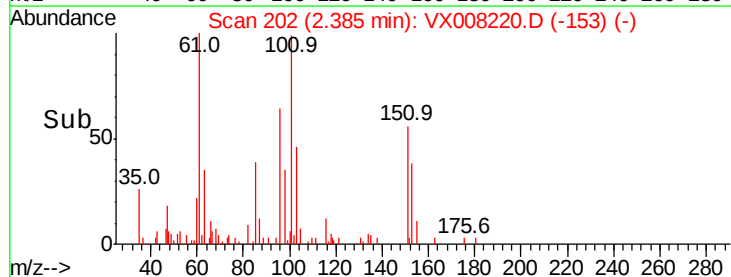
1500

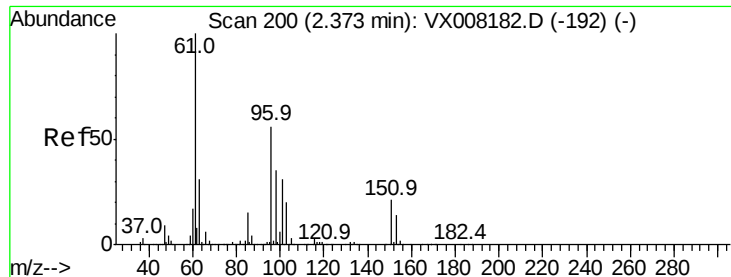
1000

500

0

Time--> 2.30 2.35 2.40 2.45





#12

1,1-Dichloroethene

Concen: 0.676 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20190313

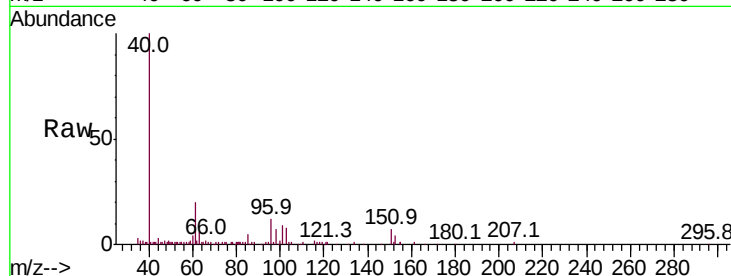
Tot Ion: 96 Resp: 2714

Ion Ratio Lower Upper

96 100

61 157.2 129.8 194.6

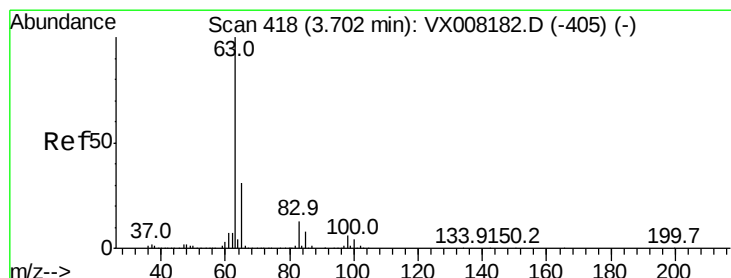
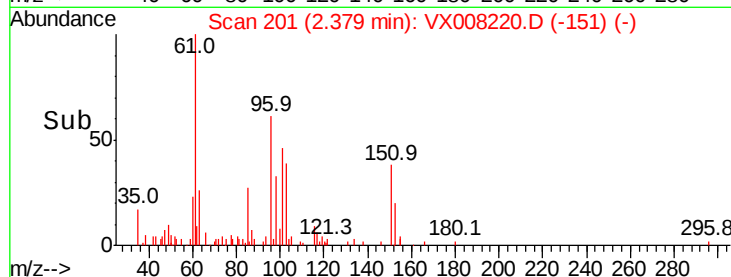
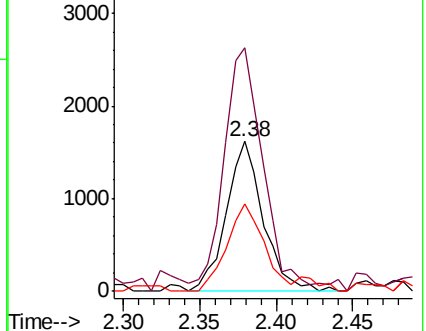
98 58.6 51.0 76.6



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



#24

1,1-Dichloroethane

Concen: 1.554 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

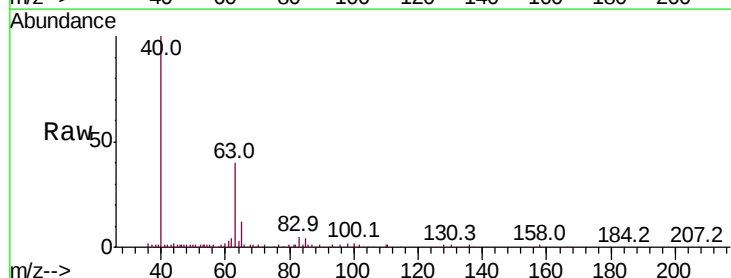
Tgt Ion: 63 Resp: 13687

Ion Ratio Lower Upper

63 100

98 5.1 3.3 9.8

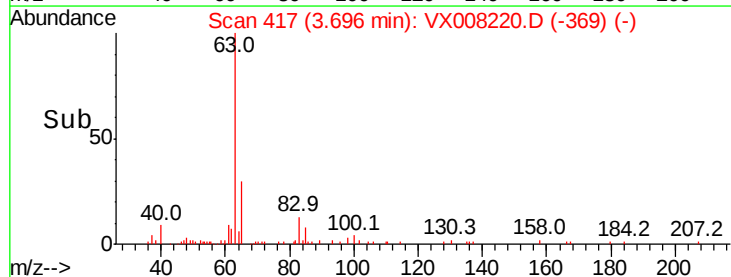
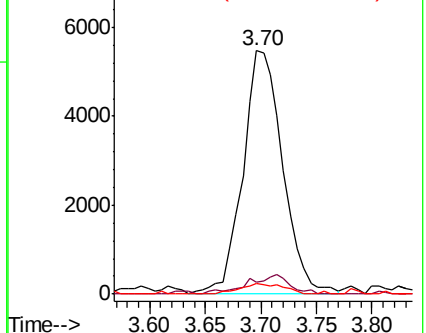
100 4.2 2.3 6.8

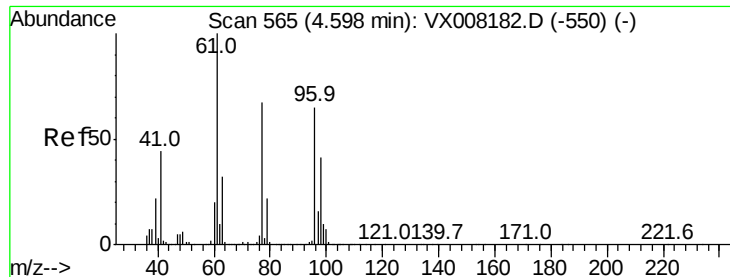


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



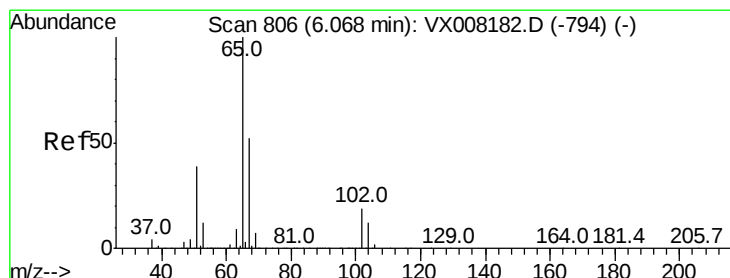
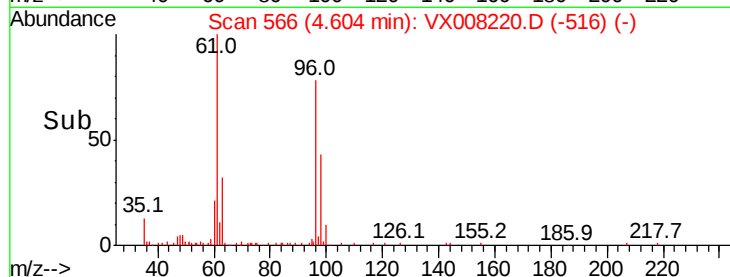
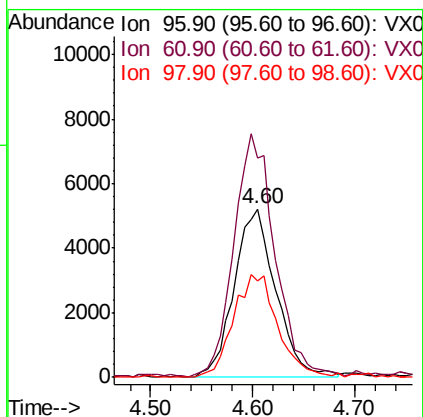
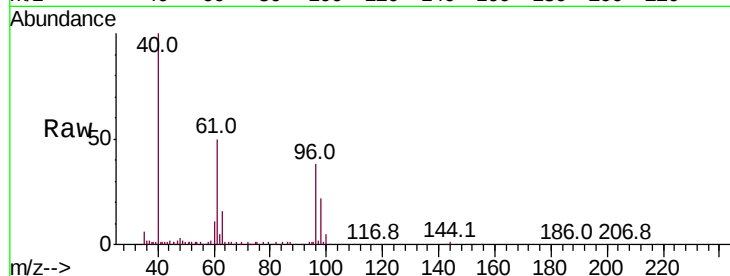


#27

cis-1,2-Dichloroethene
Concen: 3.003 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX008220.D
Acq: 20 Mar 2019 04:27

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305I-20190313

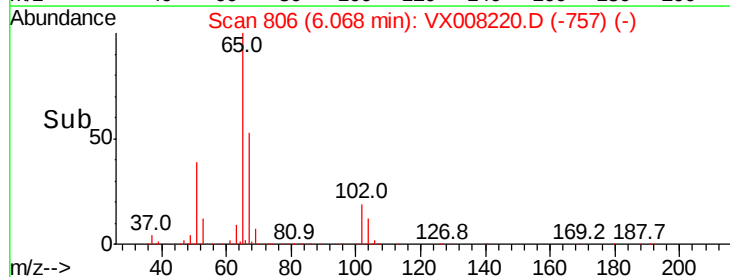
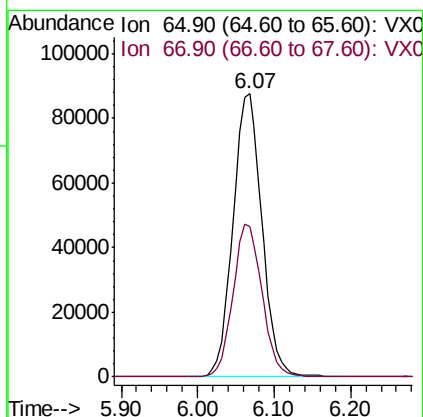
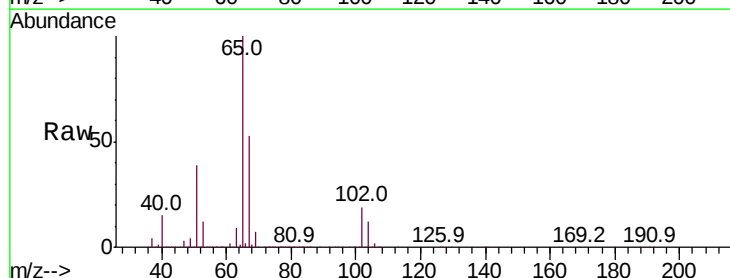
Tot Ion: 96 Resp: 14856
Ion Ratio Lower Upper
96 100
61 142.9 0.0 288.0
98 64.6 0.0 129.0

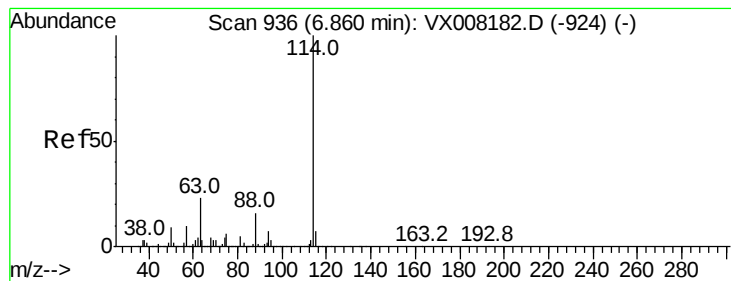


#33

1,2-Dichloroethane-d4
Concen: 46.053 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX008220.D
Acq: 20 Mar 2019 04:27

Tgt Ion: 65 Resp: 229589
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20190313

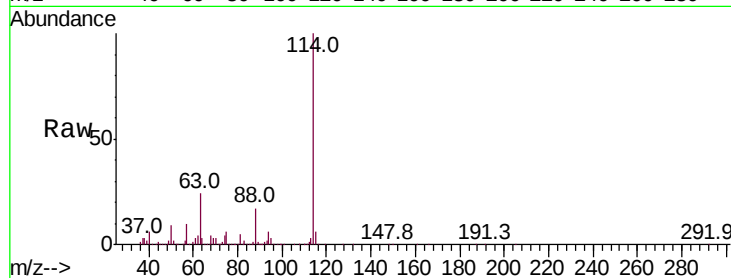
Tot Ion:114 Resp: 534867

Ion Ratio Lower Upper

114 100

63 23.6 0.0 39.8

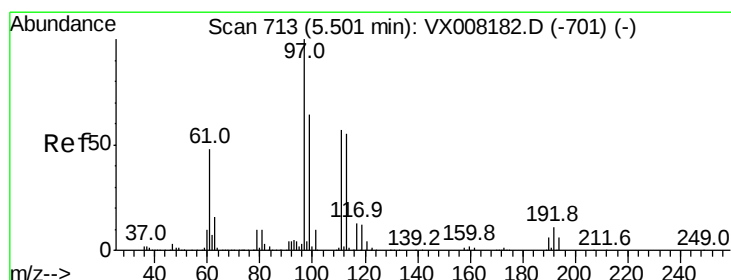
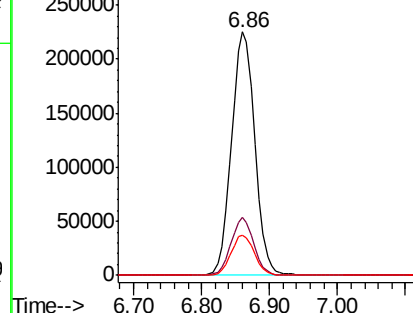
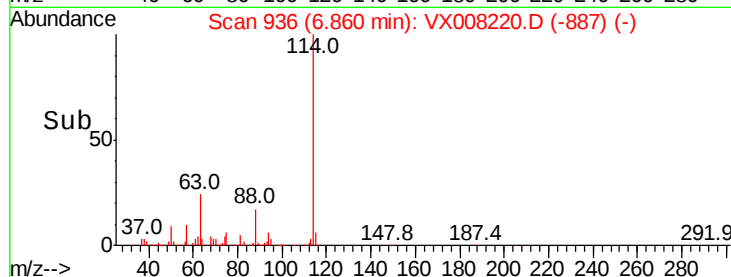
88 16.6 0.0 31.4



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: 47.150 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

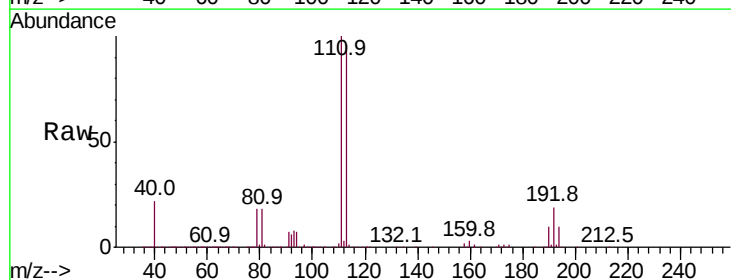
Tgt Ion:113 Resp: 168823

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

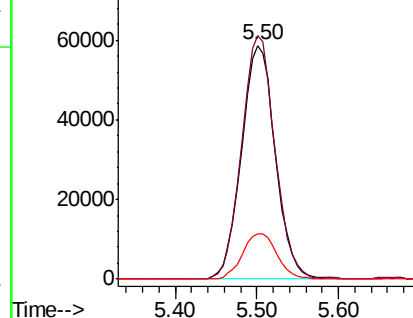
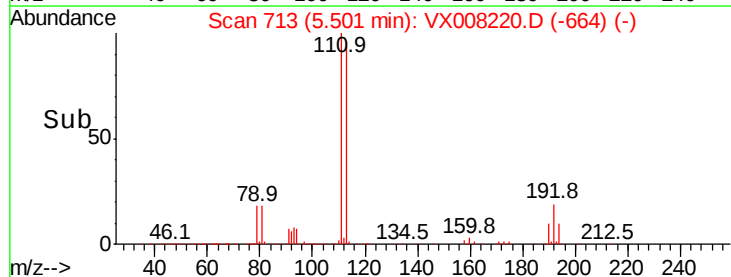
192 20.1 19.4 29.0

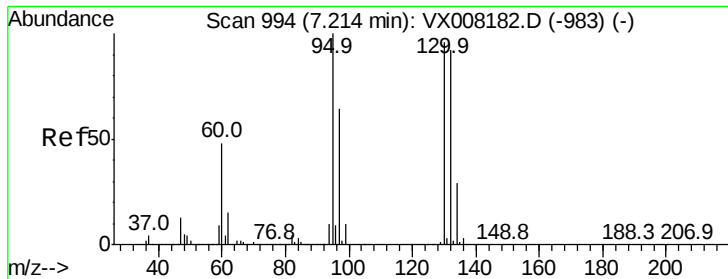


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 1253.356 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

Instrument :

MSVOA_X

ClientSampleId :

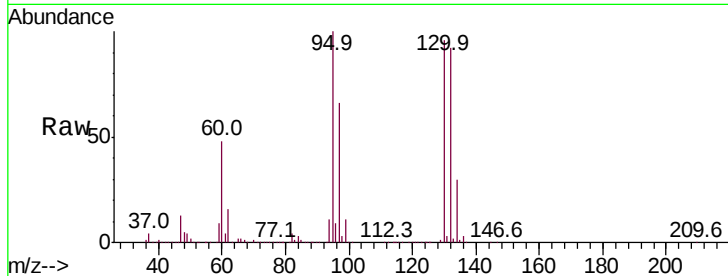
BPS1-TT-MW305I-20190313

Tot Ion:130 Resp: 5648459

Ion Ratio Lower Upper

130 100

95 104.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.22

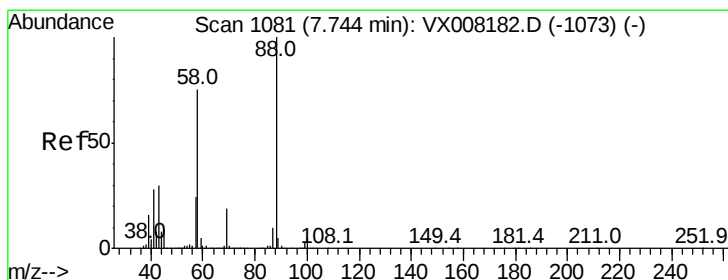
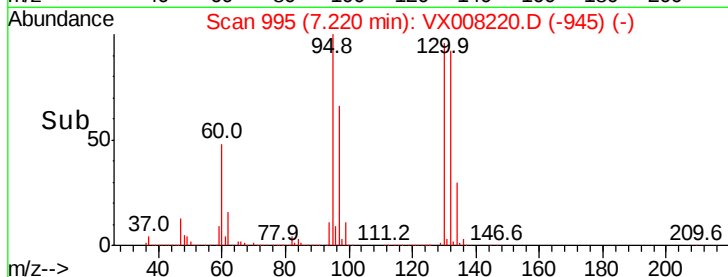
3000000

2000000

1000000

0

Time--> 7.00 7.20 7.40



#49

1,4-Dioxane

Concen: 16.945 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.01 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

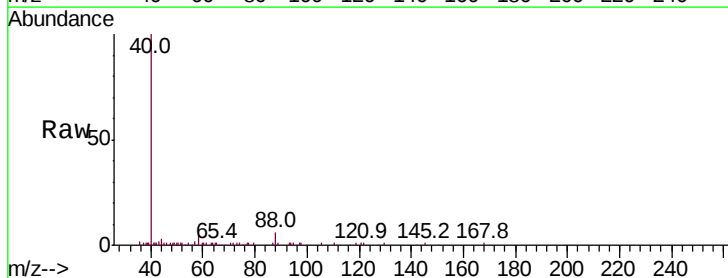
Tgt Ion: 88 Resp: 1876

Ion Ratio Lower Upper

88 100

43 38.1 25.1 37.7#

58 79.4 57.8 86.6



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

1000

800

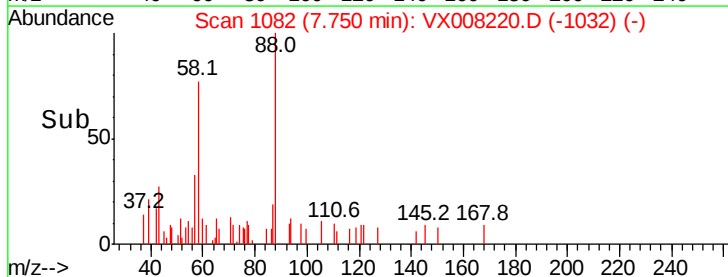
600

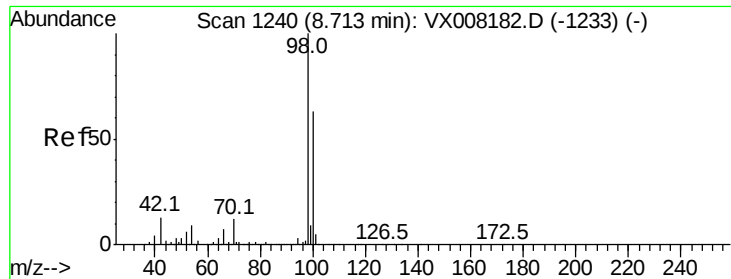
400

200

0

Time--> 7.70 7.75 7.80





#50

Toluene-d8

Concen: 48.794 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

Instrument :

MSVOA_X

ClientSampleId :

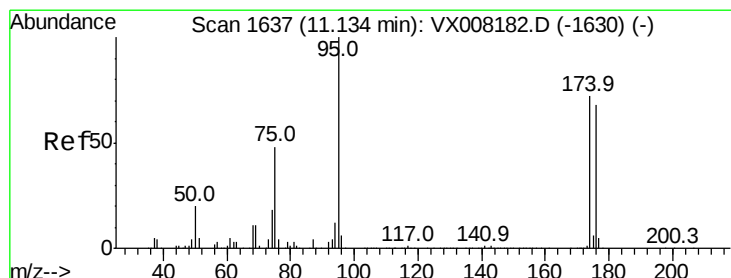
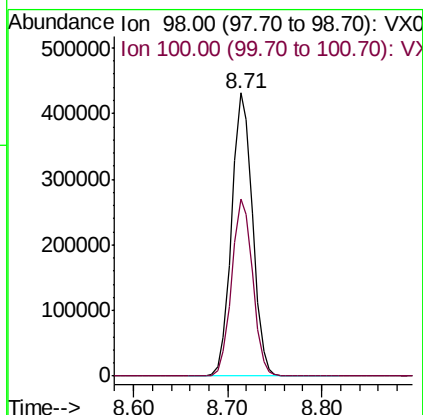
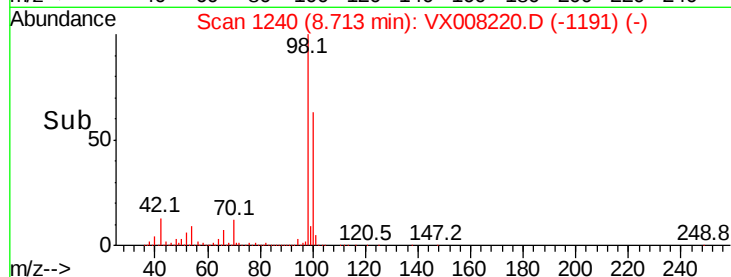
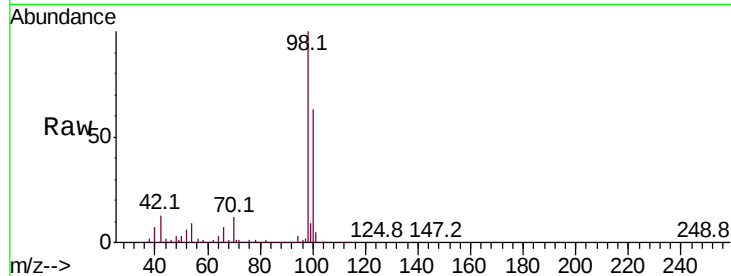
BPS1-TT-MW305I-20190313

Tot Ion: 98 Resp: 662389

Ion Ratio Lower Upper

98 100

100 62.8 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 45.291 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

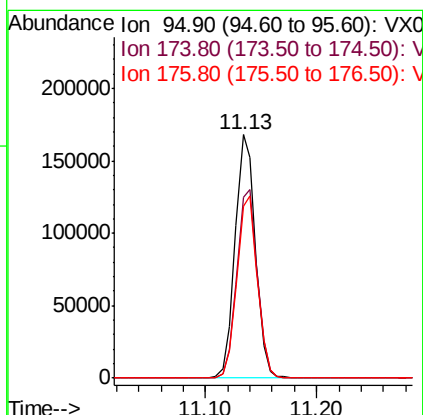
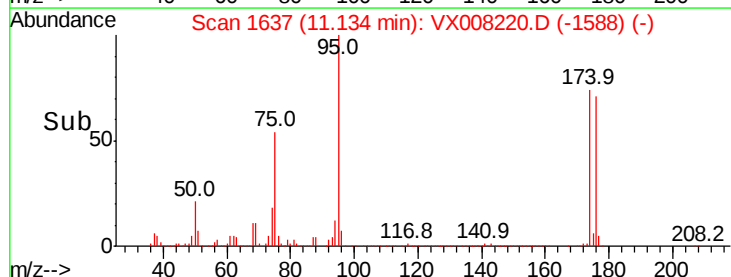
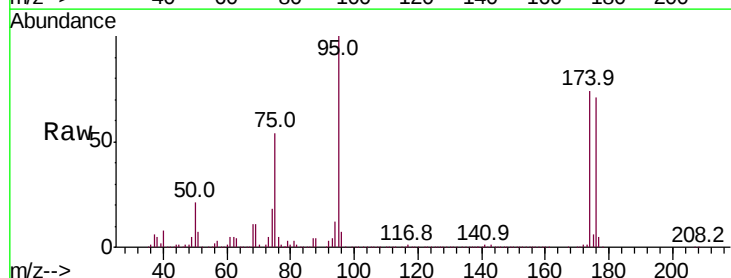
Tgt Ion: 95 Resp: 211699

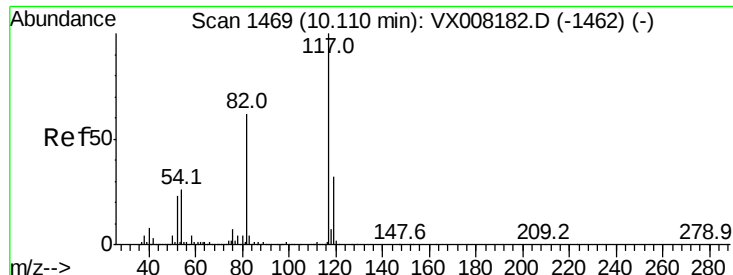
Ion Ratio Lower Upper

95 100

174 79.0 0.0 182.8

176 75.6 0.0 178.0

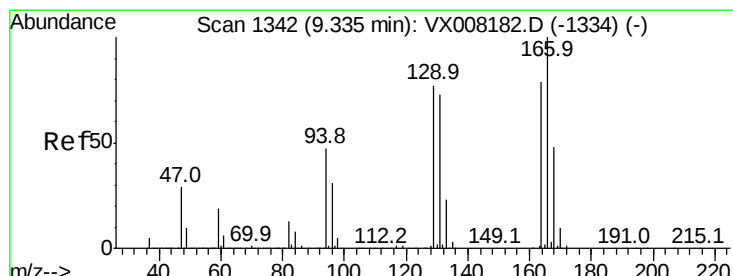
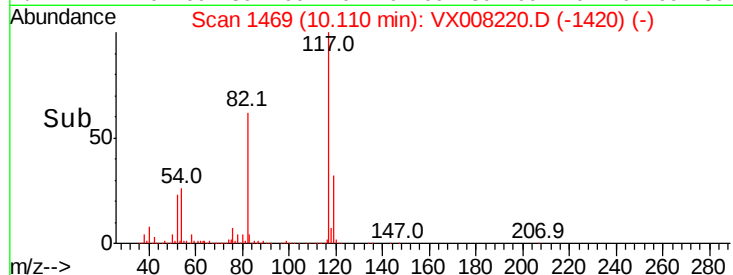
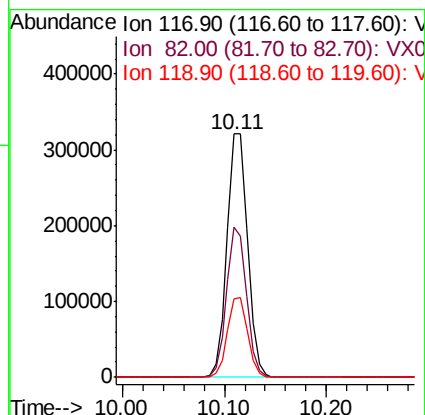
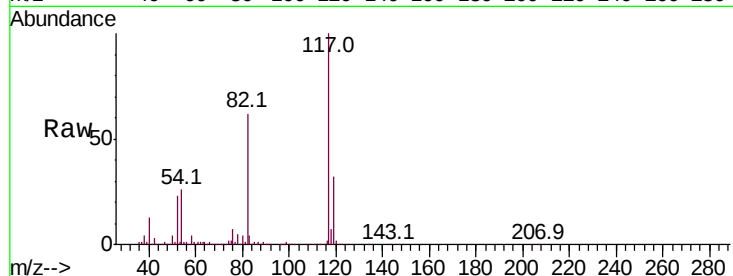




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008220.D
Acq: 20 Mar 2019 04:27

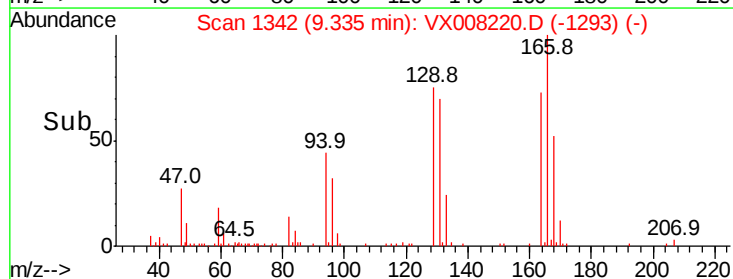
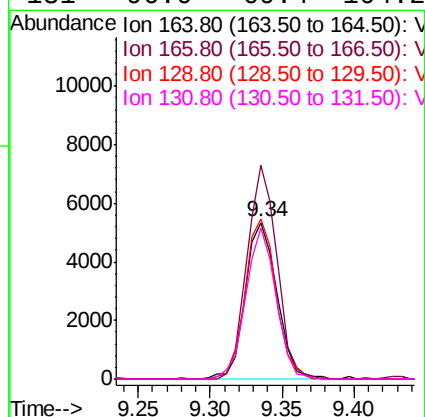
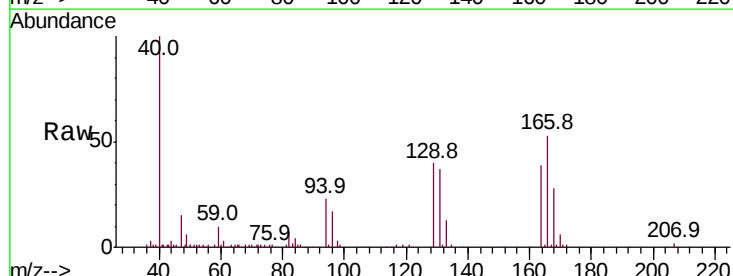
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305I-20190313

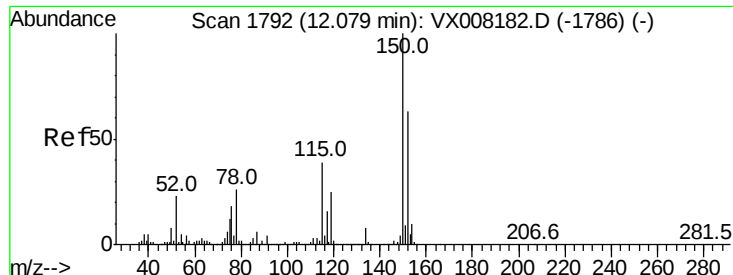
Tot Ion:117 Resp: 450136
Ion Ratio Lower Upper
117 100
82 61.8 44.3 66.5
119 32.3 25.3 37.9



#64
Tetrachloroethene
Concen: 1.989 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008220.D
Acq: 20 Mar 2019 04:27

Tgt Ion:164 Resp: 8078
Ion Ratio Lower Upper
164 100
166 136.2 103.4 155.0
129 101.7 72.2 108.4
131 96.0 69.4 104.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008220.D

Acq: 20 Mar 2019 04:27

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305I-20190313

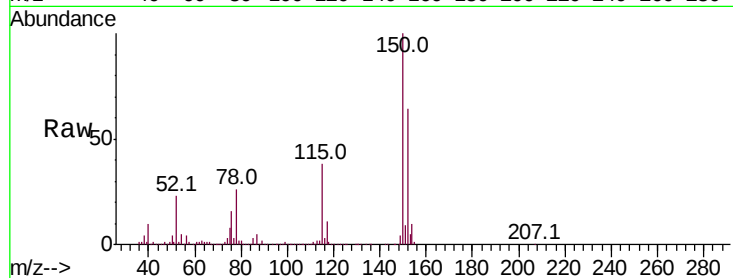
Tot Ion:152 Resp: 183185

Ion Ratio Lower Upper

152 100

115 60.4 38.6 115.7

150 157.5 0.0 348.4



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

