

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091418\
 Data File : VX004548.D
 Acq On : 14 Sep 2018 18:54
 Operator : JC/MD
 Sample : J4913-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPSI-TT-MW30311-20180912

Quant Time: Sep 15 05:54:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

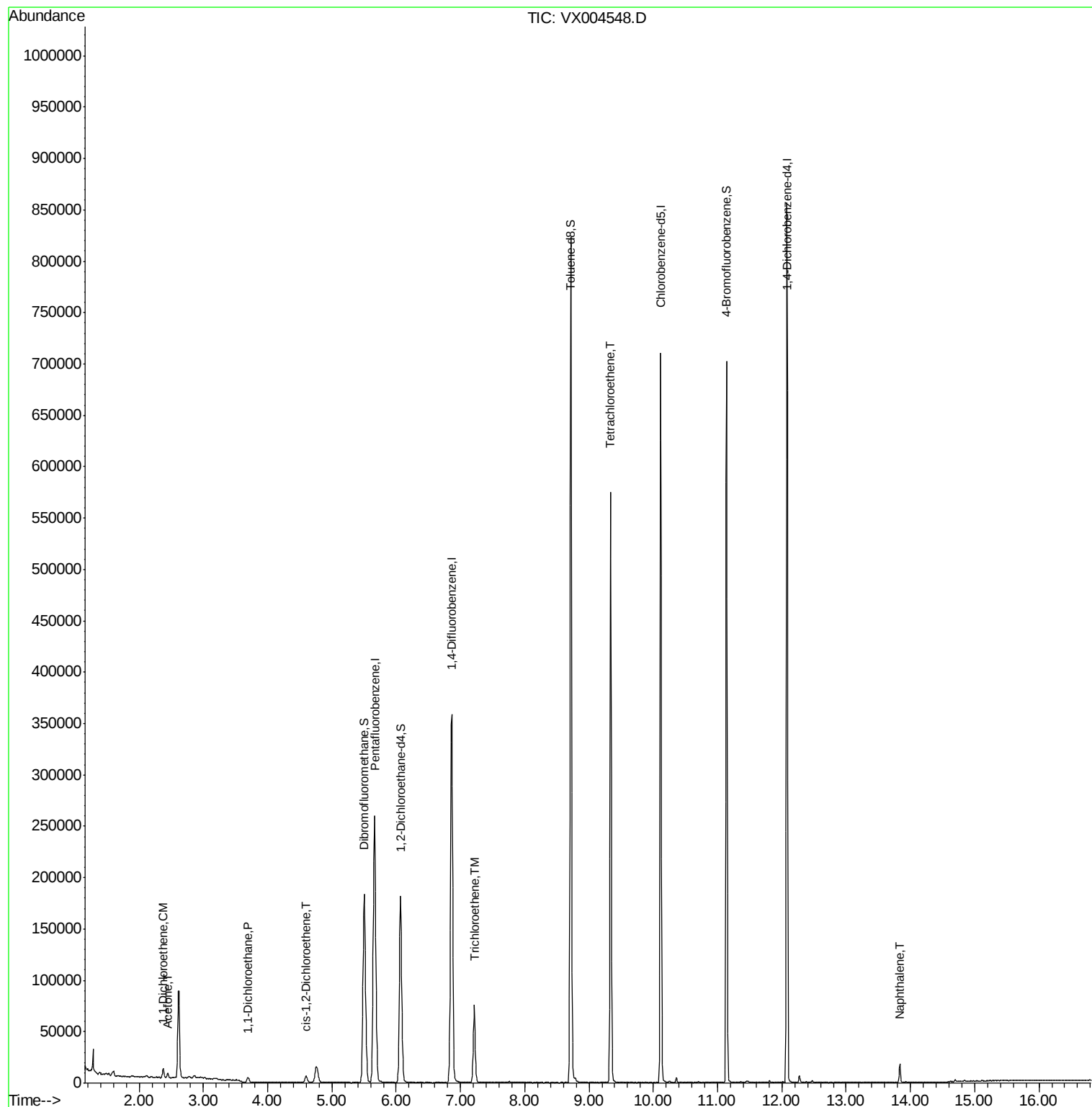
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	268119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	169566	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	
35) Dibromofluoromethane	5.50	113	155324	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
50) Toluene-d8	8.72	98	518952	43.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.88%	
62) 4-Bromofluorobenzene	11.14	95	177867	42.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.38%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	2989	1.07	ug/l	Qvalue 87
16) Acetone	2.45	43	4046	2.40	ug/l	99
24) 1,1-Dichloroethane	3.69	63	5310	0.91	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	4266	1.23	ug/l	92
44) Trichloroethene	7.22	130	29816	8.28	ug/l	91
64) Tetrachloroethene	9.34	164	120433	28.85	ug/l	94
95) Naphthalene	13.83	128	13067	1.05	ug/l	98

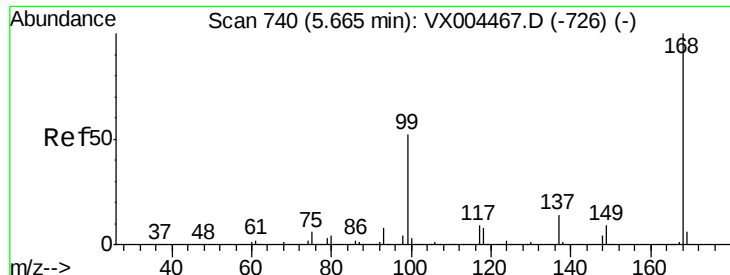
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004548.D

Acq: 14 Sep 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

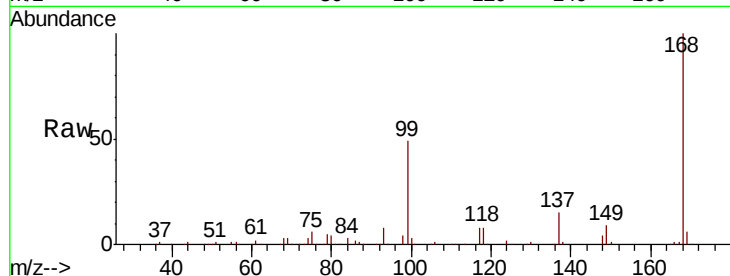
BPSI-TT-MW30311-20180912

Tot Ion:168 Resp: 268119

Ion Ratio Lower Upper

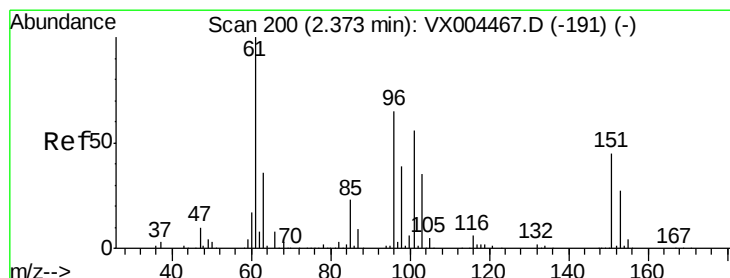
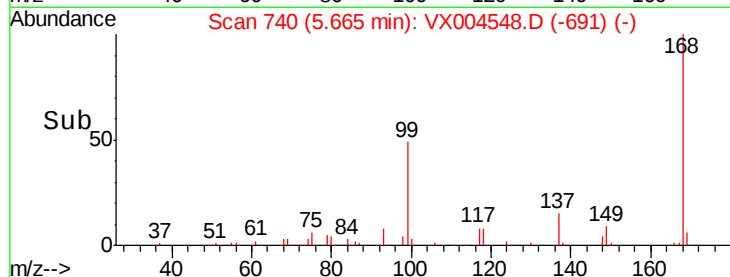
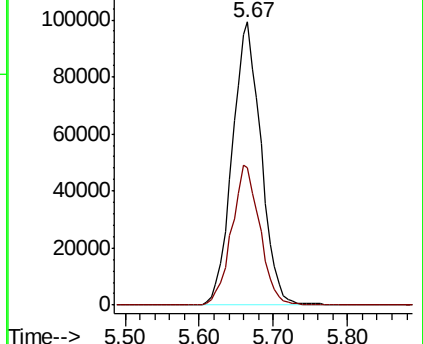
168 100

99 48.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 1.07 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX004548.D

Acq: 14 Sep 2018 18:54

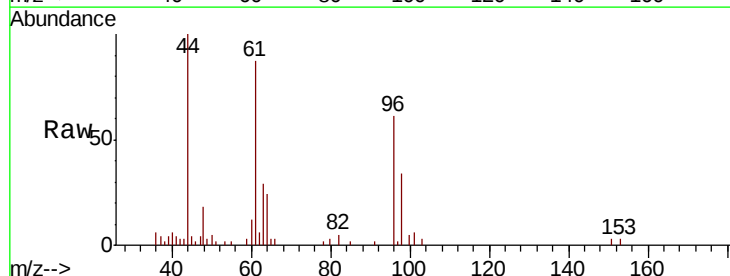
Tgt Ion: 96 Resp: 2989

Ion Ratio Lower Upper

96 100

61 143.0 128.8 193.2

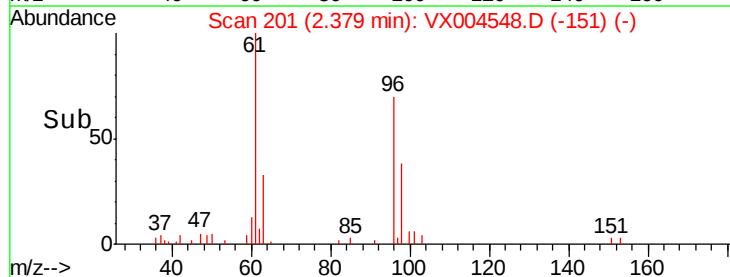
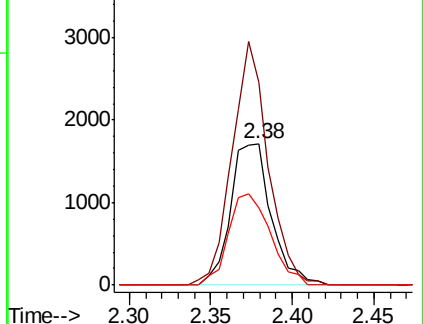
98 54.9 52.2 78.2

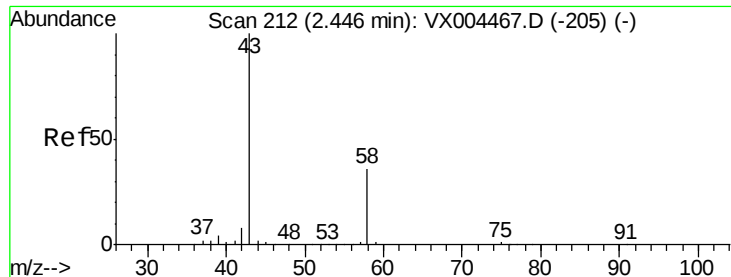


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 2.40 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004548.D

Acq: 14 Sep 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

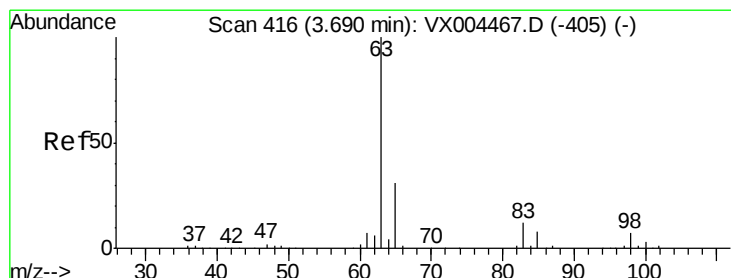
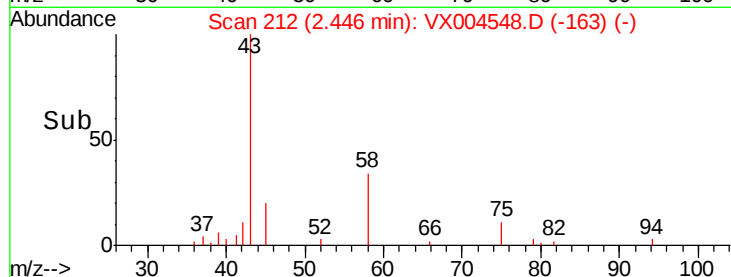
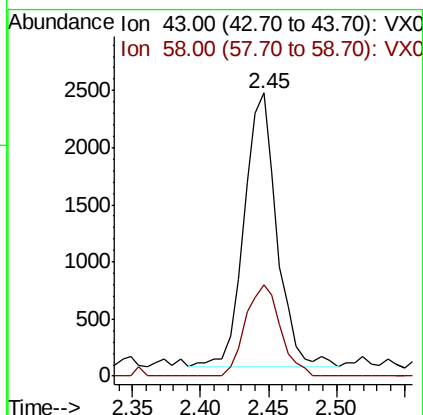
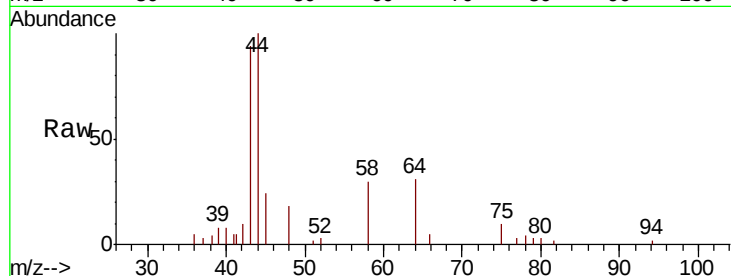
BPSI-TT-MW303I1-20180912

Tot Ion: 43 Resp: 4046

Ion Ratio Lower Upper

43 100

58 33.3 26.2 39.4



#24

1,1-Dichloroethane

Concen: 0.91 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX004548.D

Acq: 14 Sep 2018 18:54

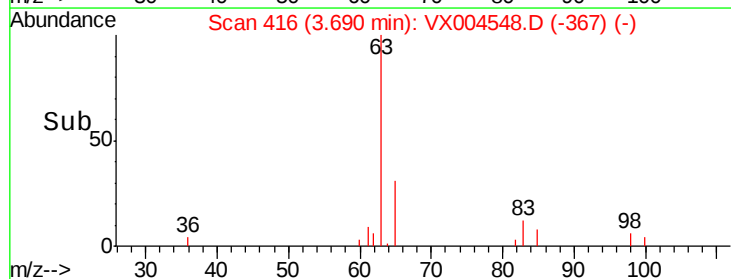
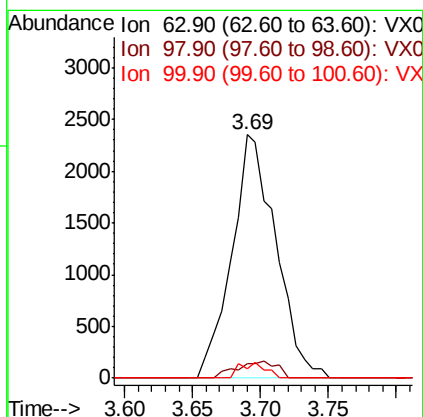
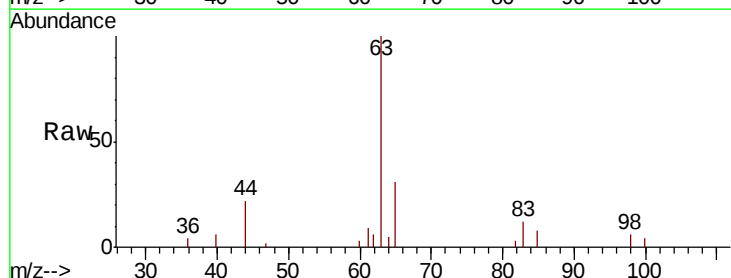
Tgt Ion: 63 Resp: 5310

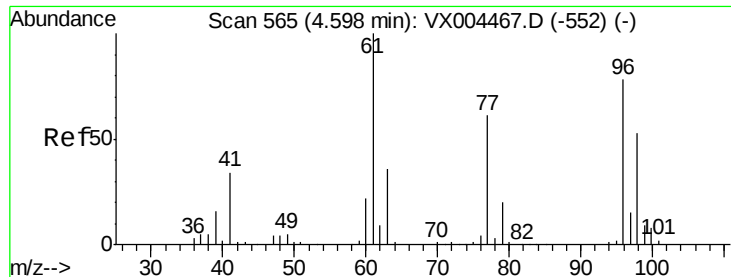
Ion Ratio Lower Upper

63 100

98 6.1 3.5 10.4

100 3.7 2.4 7.1





#27

cis-1,2-Dichloroethene

Concen: 1.23 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX004548.D

Acq: 14 Sep 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

BPSI-TT-MW30311-20180912

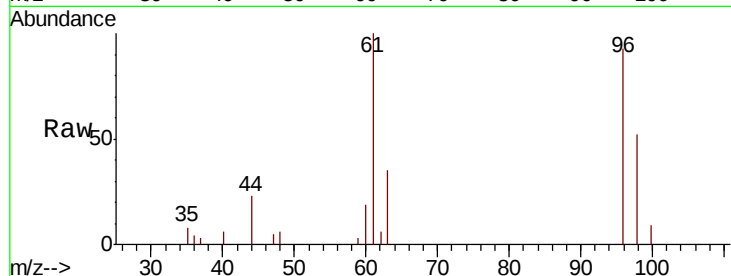
Tot Ion: 96 Resp: 4266

Ion Ratio Lower Upper

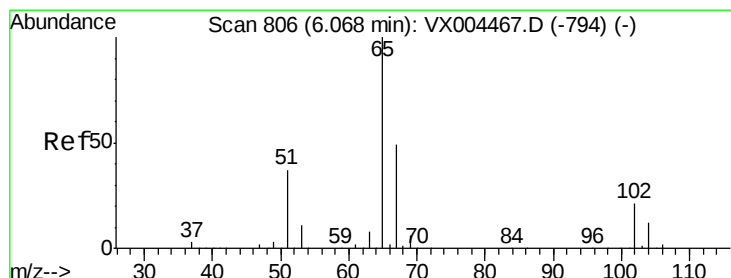
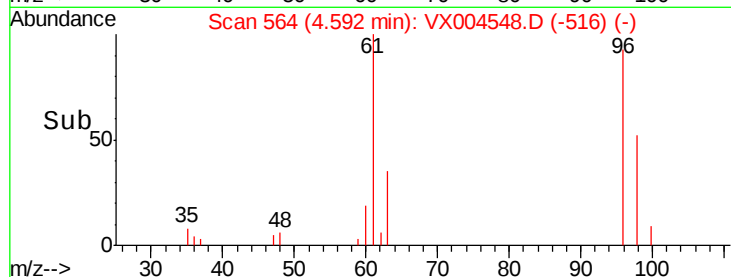
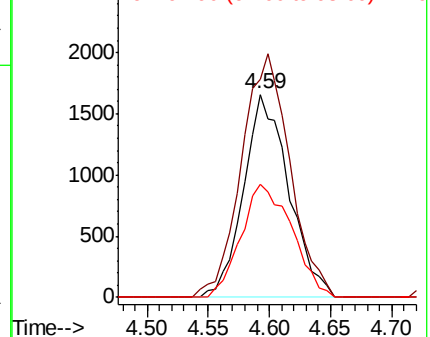
96 100

61 128.2 0.0 282.6

98 62.5 0.0 130.2



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: 49.05 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004548.D

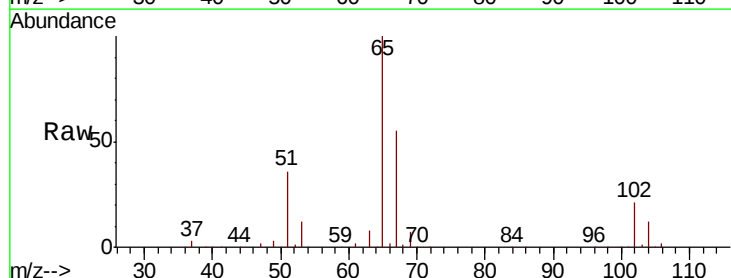
Acq: 14 Sep 2018 18:54

Tgt Ion: 65 Resp: 169566

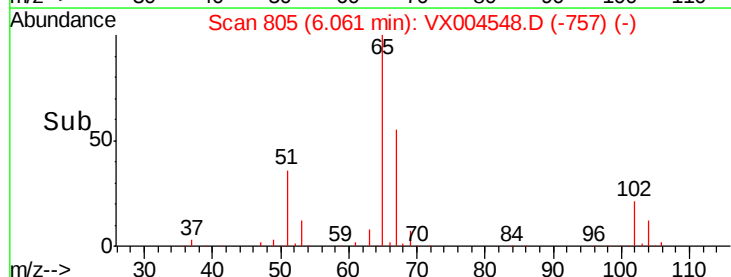
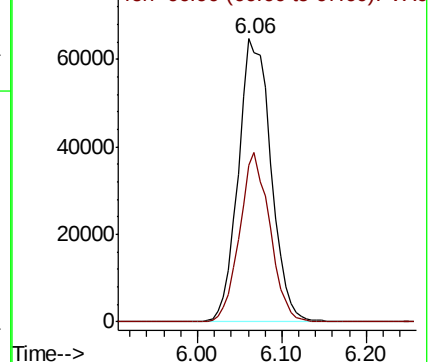
Ion Ratio Lower Upper

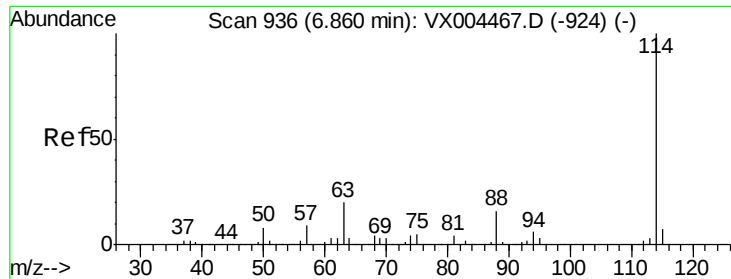
65 100

67 55.6 0.0 106.8



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

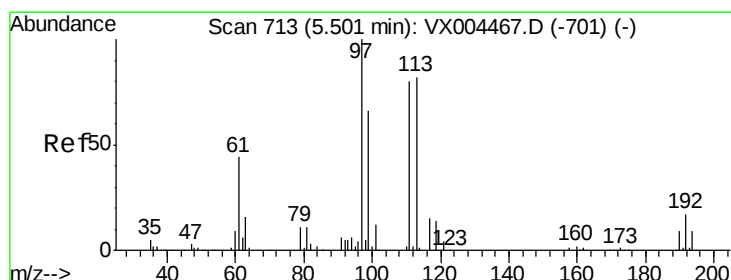
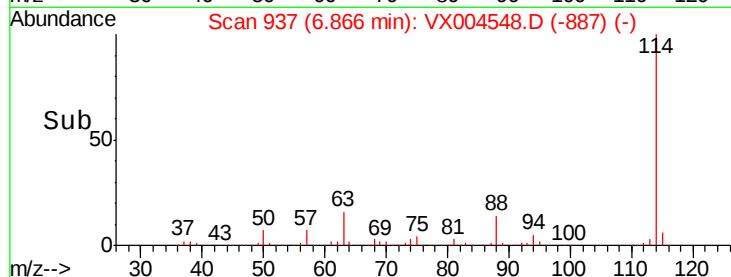
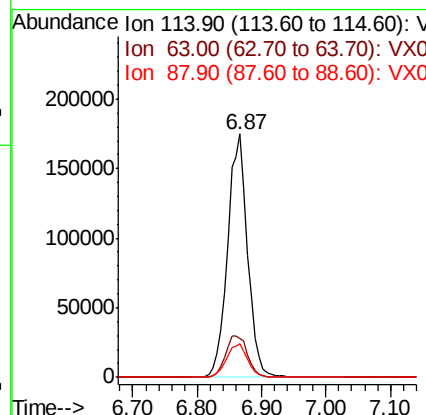
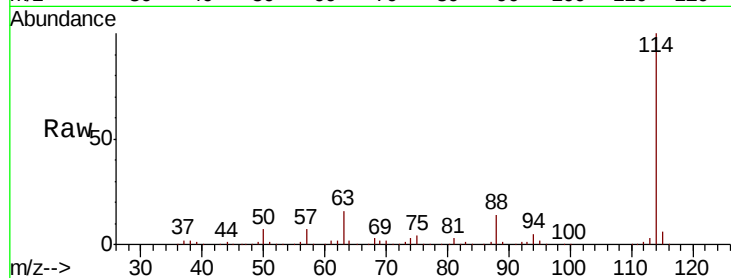




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 937
Delta R.T. 0.01 min
Lab File: VX004548.D
Acq: 14 Sep 2018 18:54

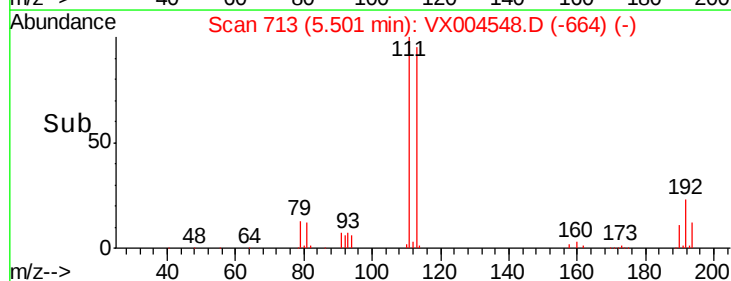
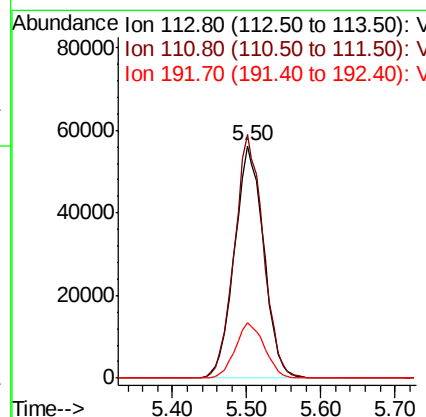
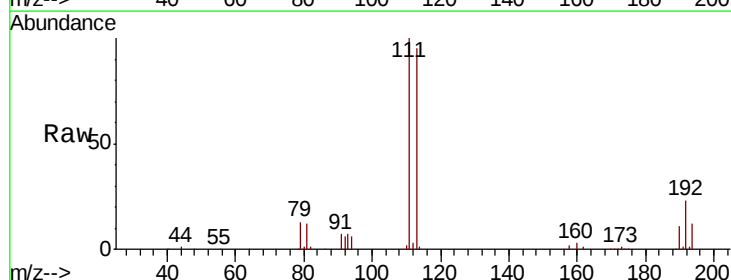
Instrument :
MSVOA_X
ClientSampleId :
BPSI-TT-MW30311-20180912

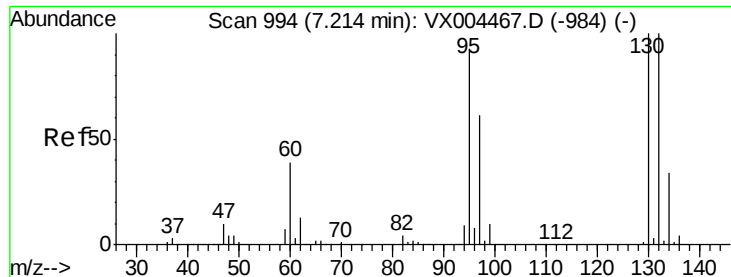
Tot Ion:114 Resp: 384870
Ion Ratio Lower Upper
114 100
63 16.2 0.0 39.0
88 13.9 0.0 30.4



#35
Dibromofluoromethane
Concen: 44.10 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004548.D
Acq: 14 Sep 2018 18:54

Tgt Ion:113 Resp: 155324
Ion Ratio Lower Upper
113 100
111 103.2 82.4 123.6
192 23.7 19.4 29.2





#44

Trichloroethene

Concen: 8.28 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX004548.D

Acq: 14 Sep 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

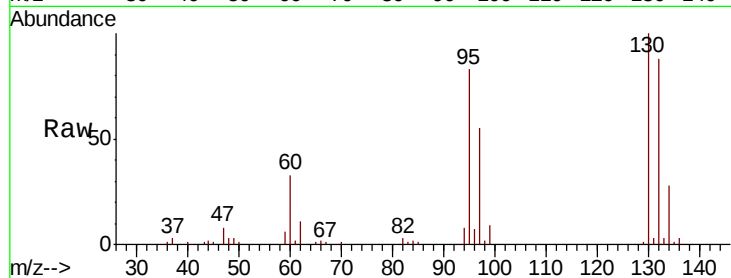
BPSI-TT-MW303I1-20180912

Tot Ion:130 Resp: 29816

Ion Ratio Lower Upper

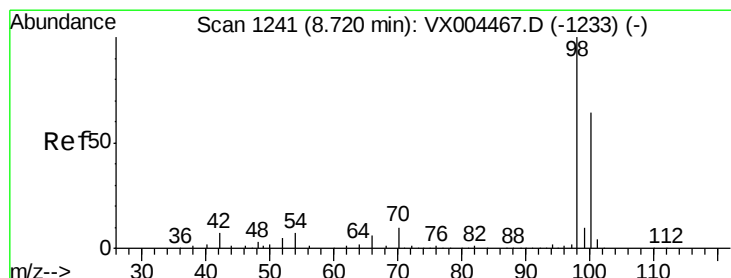
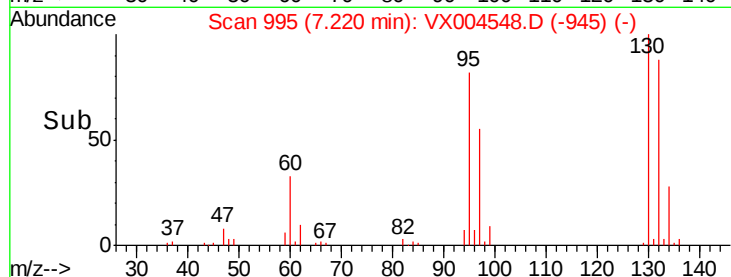
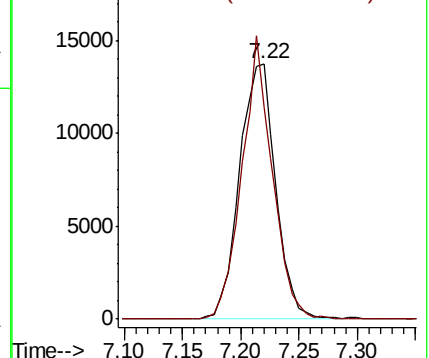
130 100

95 82.7 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 43.94 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004548.D

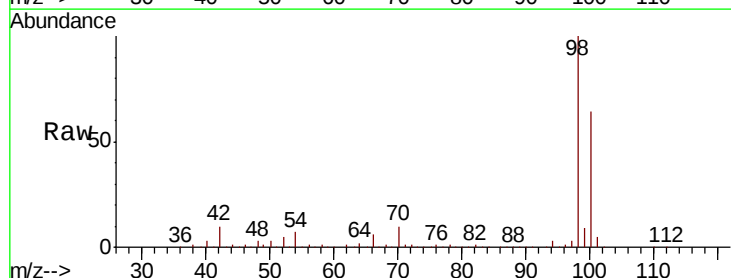
Acq: 14 Sep 2018 18:54

Tgt Ion: 98 Resp: 518952

Ion Ratio Lower Upper

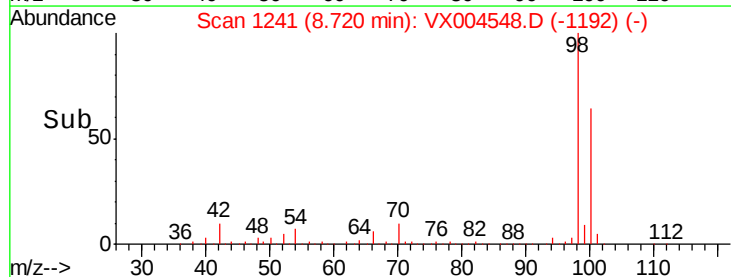
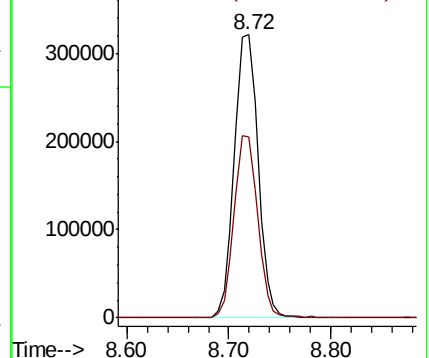
98 100

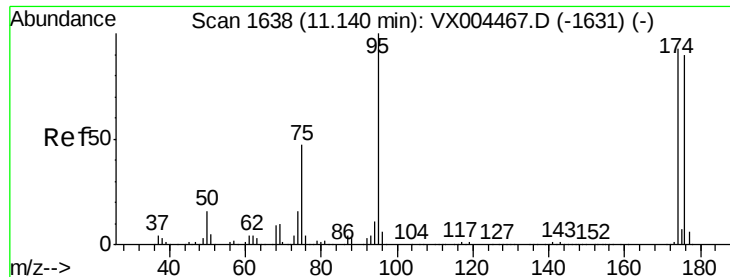
100 64.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

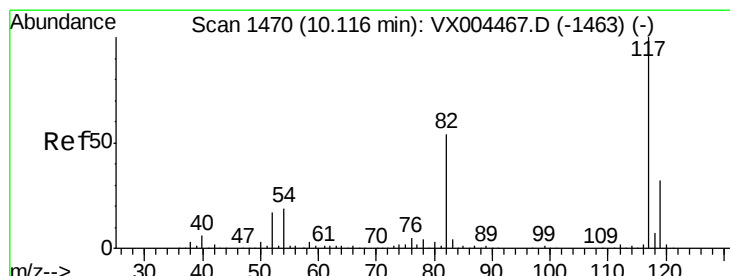
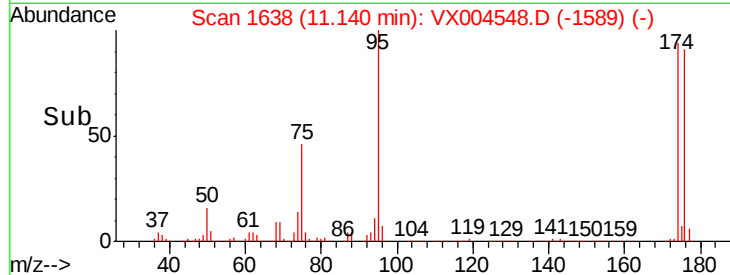
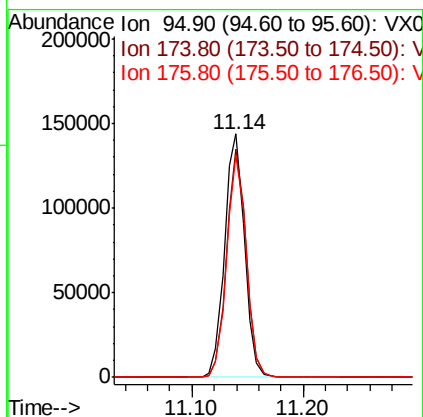
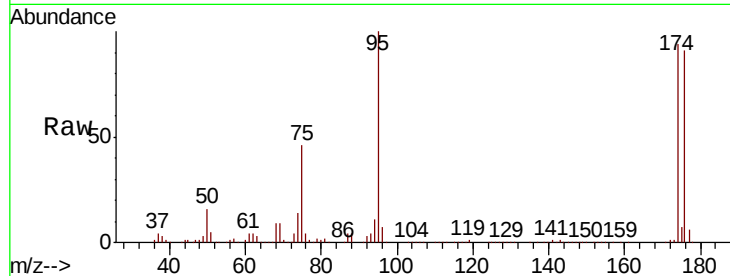




#62
4-Bromofluorobenzene
Concen: 42.19 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004548.D
Acq: 14 Sep 2018 18:54

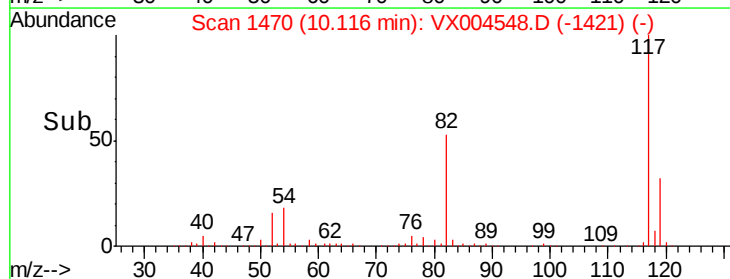
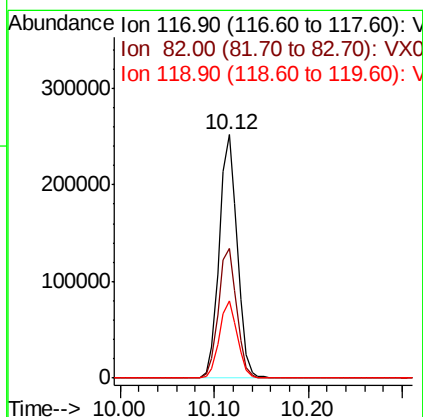
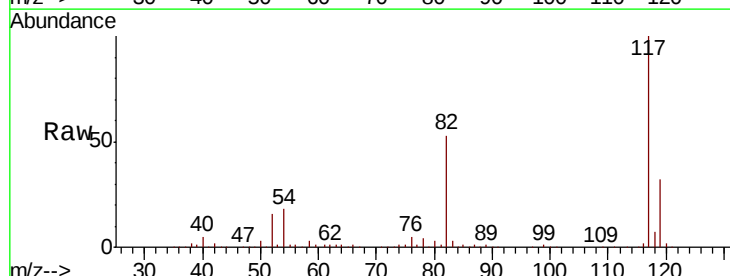
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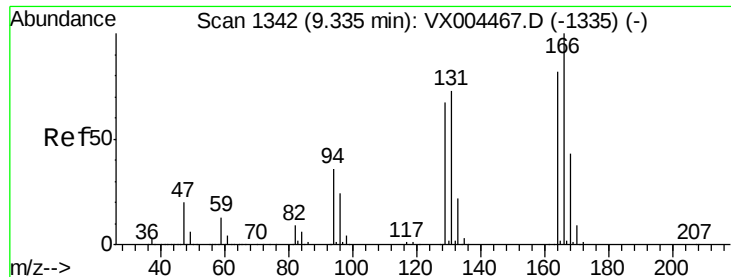
Tot Ion: 95 Resp: 177867
Ion Ratio Lower Upper
95 100
174 91.9 0.0 185.2
176 89.5 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004548.D
Acq: 14 Sep 2018 18:54

Tgt Ion: 117 Resp: 334390
Ion Ratio Lower Upper
117 100
82 53.2 47.8 71.6
119 31.9 29.3 43.9





#64

Tetrachloroethene

Concen: 28.85 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX004548.D

Acq: 14 Sep 2018 18:54

Instrument :

MSVOA_X

ClientSampleId :

BPSI-TT-MW30311-20180912

Tot Ion:164 Resp: 120433

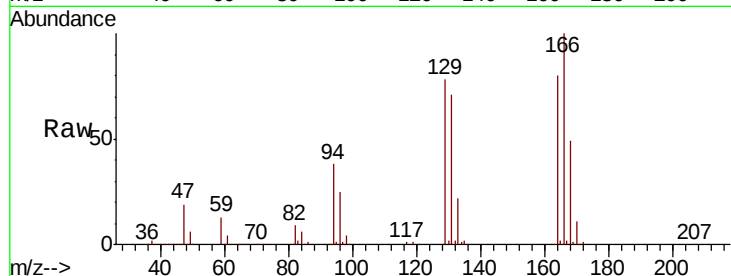
Ion Ratio Lower Upper

164 100

166 125.0 102.8 154.2

129 97.8 69.4 104.0

131 89.3 67.9 101.9

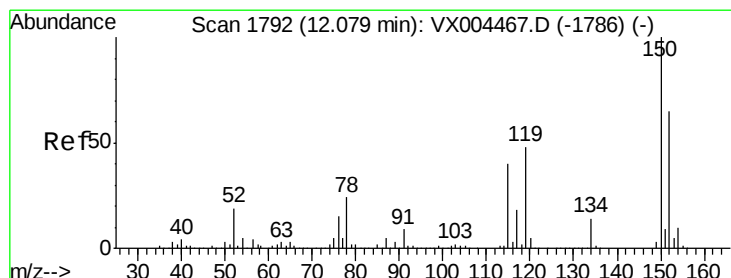
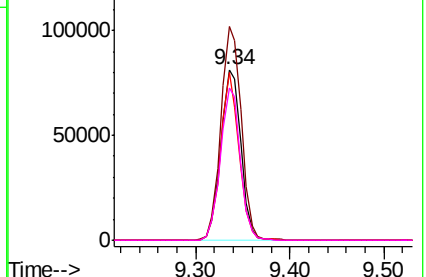
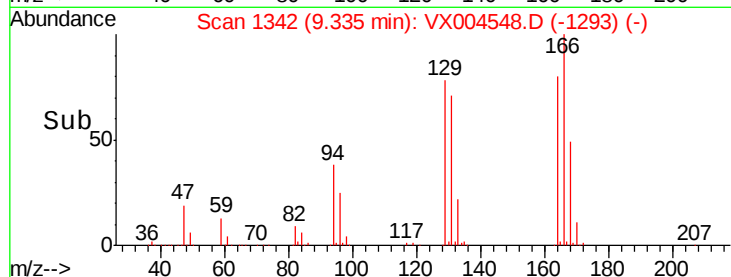


Abundance Ion 163.80 (163.50 to 164.50): V

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: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004548.D

Acq: 14 Sep 2018 18:54

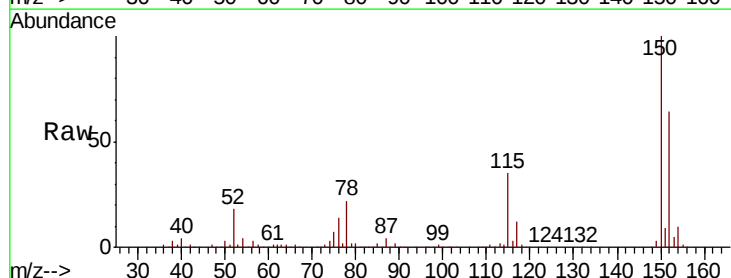
Tgt Ion:152 Resp: 182720

Ion Ratio Lower Upper

152 100

115 54.9 39.0 117.0

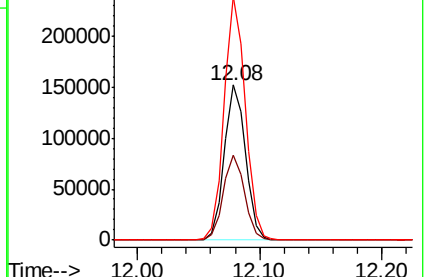
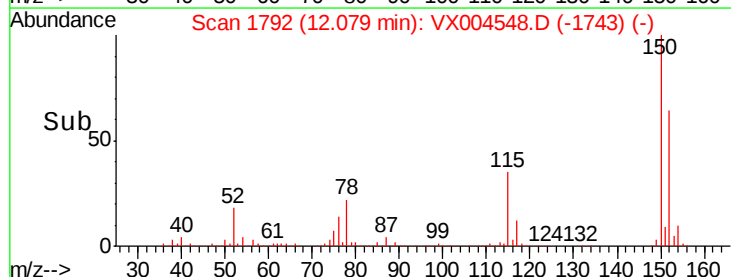
150 156.0 0.0 351.0

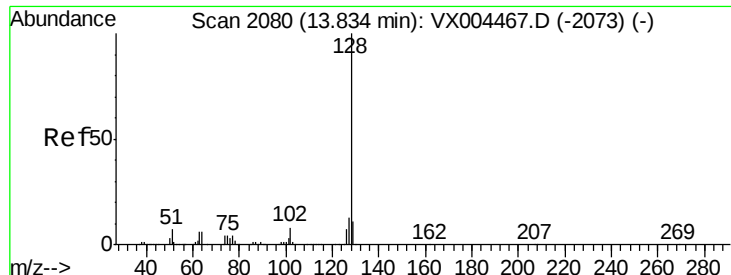


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

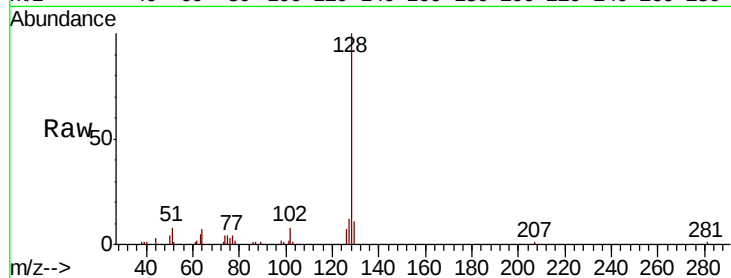




#95
Naphthalene
Concen: 1.05 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX004548.D
Acq: 14 Sep 2018 18:54

Instrument :
MSVOA_X
ClientSampleId :
BPSI-TT-MW30311-20180912

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	10.0	8.6	12.8



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

