

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008127.D
 Acq On : 16 Mar 2019 00:51
 Operator : JC/SP
 Sample : K1856-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302D-20190311

Quant Time: Mar 16 02:21:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

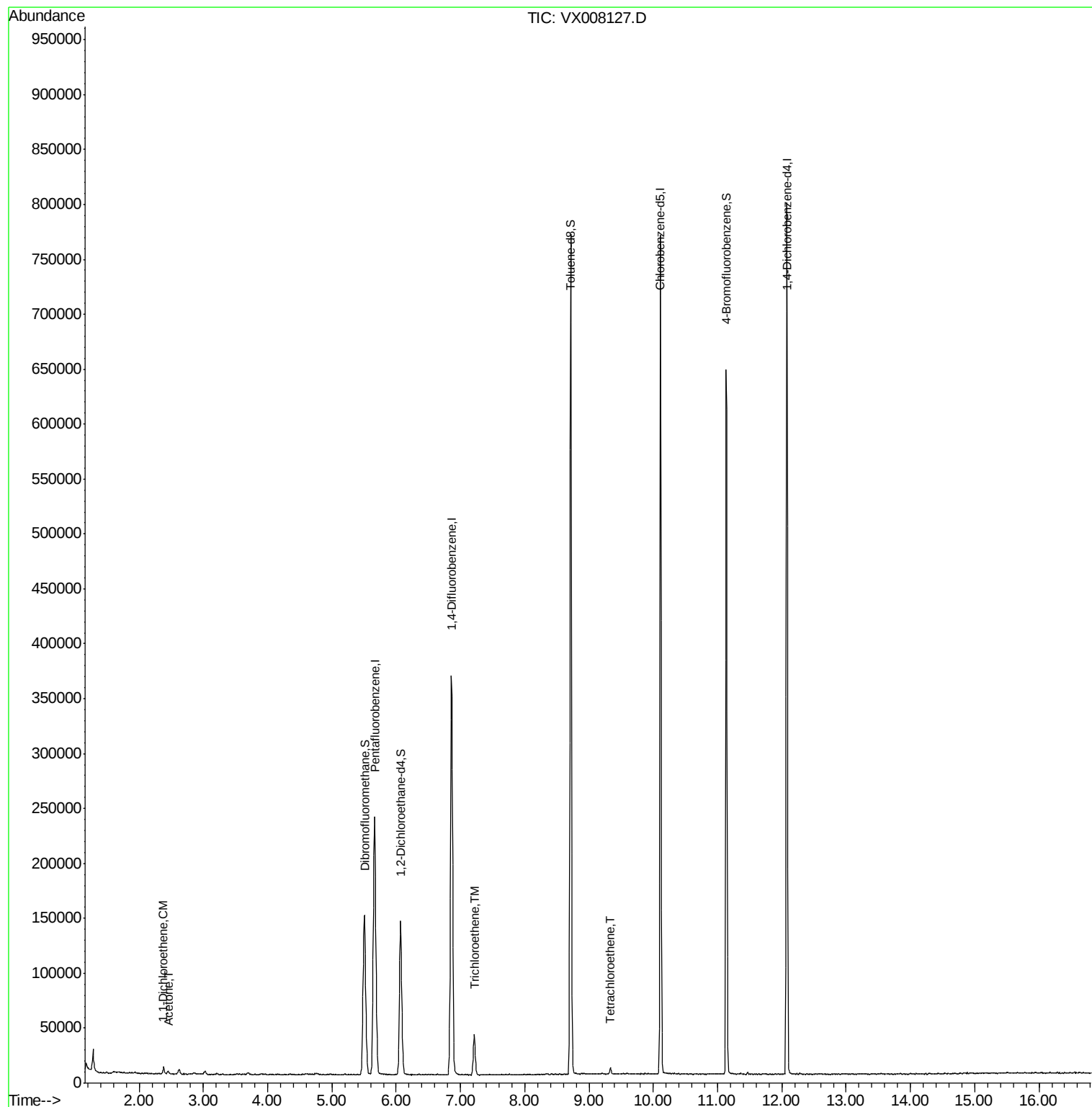
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	369324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	129617	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	5.51	113	125838	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	8.71	98	465149	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.13	95	166564	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
Target Compounds						
12) 1,1-Dichloroethene	2.38	96	1750	0.894	ug/l	90
16) Acetone	2.45	43	2561	2.096	ug/l	97
44) Trichloroethene	7.21	130	15871	5.622	ug/l	96
64) Tetrachloroethene	9.33	164	1157	0.387	ug/l	93

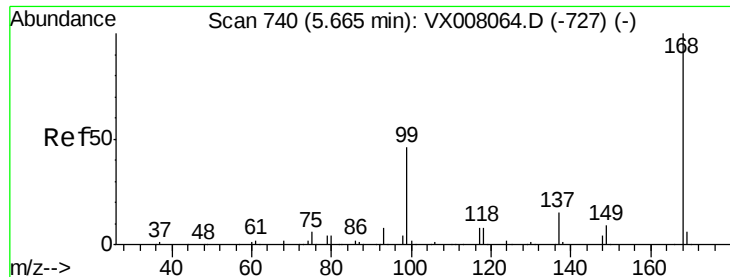
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008127.D

Acq: 16 Mar 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

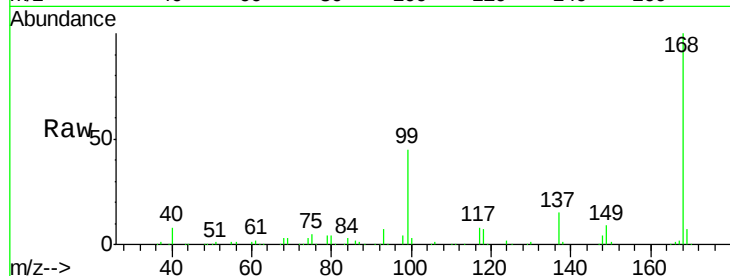
BPS1-TT-MW302D-20190311

Tot Ion:168 Resp: 256598

Ion Ratio Lower Upper

168 100

99 45.2 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

80000

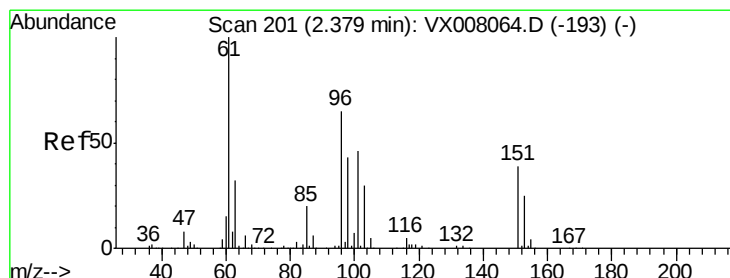
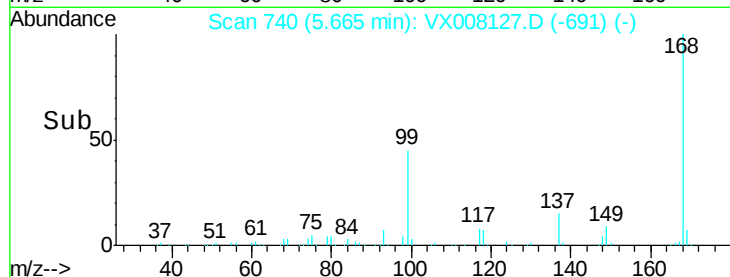
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.894 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008127.D

Acq: 16 Mar 2019 00:51

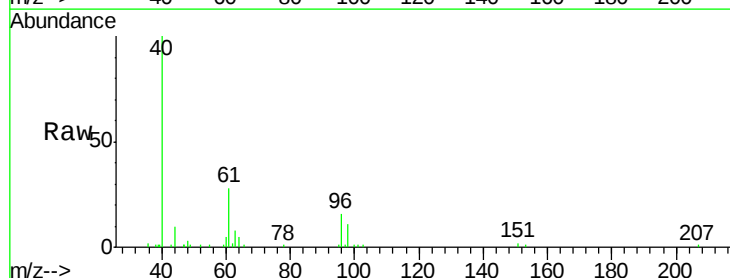
Tgt Ion: 96 Resp: 1750

Ion Ratio Lower Upper

96 100

61 177.6 129.8 194.6

98 69.3 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

2500

2000

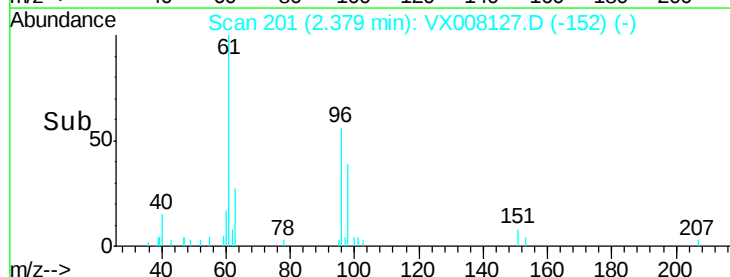
1500

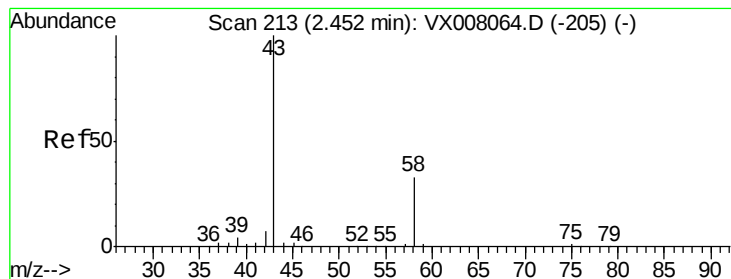
1000

500

0

Time--> 2.35 2.40 2.45





#16

Acetone

Concen: 2.096 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008127.D

Acq: 16 Mar 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

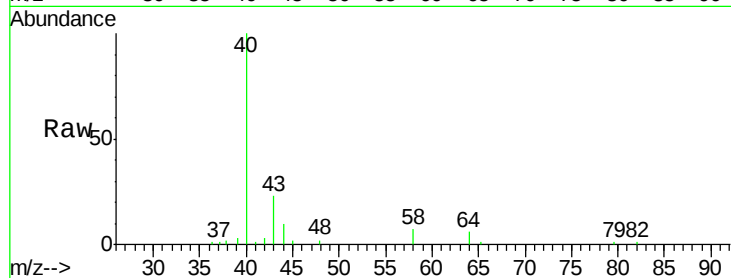
BPS1-TT-MW302D-20190311

Tot Ion: 43 Resp: 2561

Ion Ratio Lower Upper

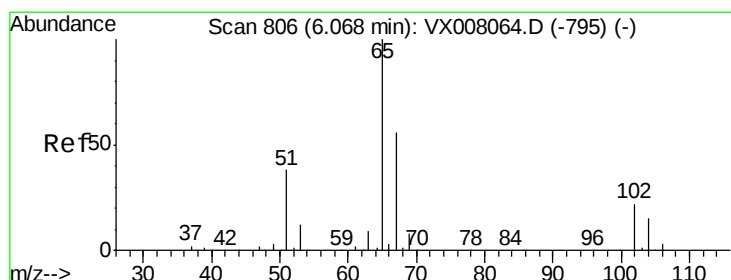
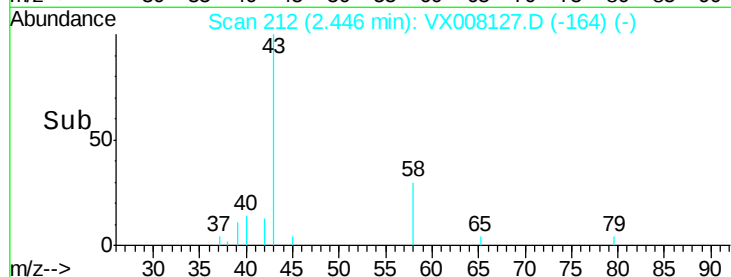
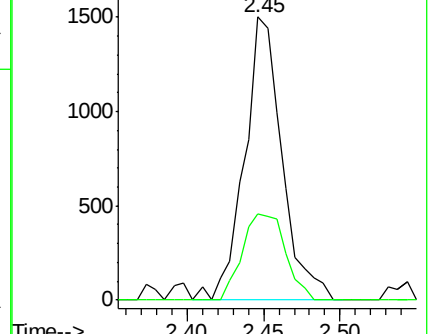
43 100

58 30.3 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.076 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008127.D

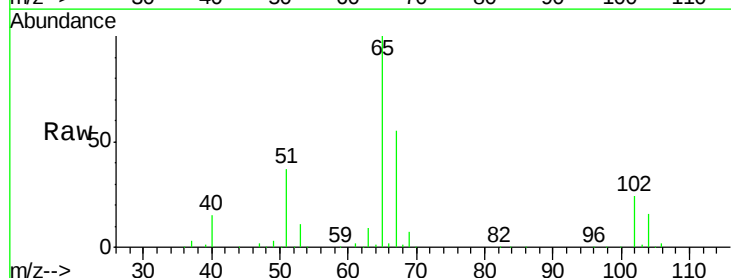
Acq: 16 Mar 2019 00:51

Tgt Ion: 65 Resp: 129617

Ion Ratio Lower Upper

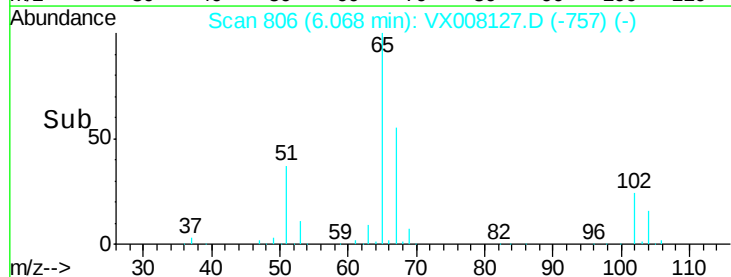
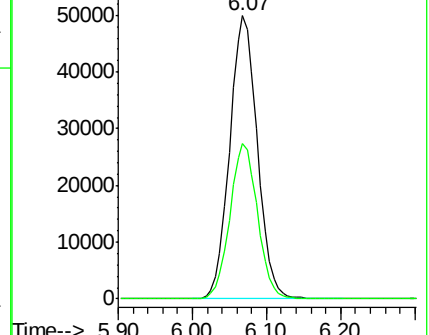
65 100

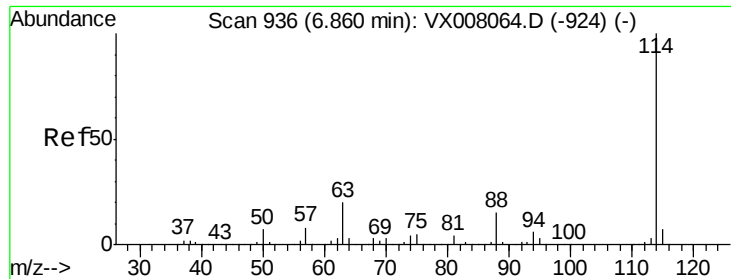
67 54.5 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

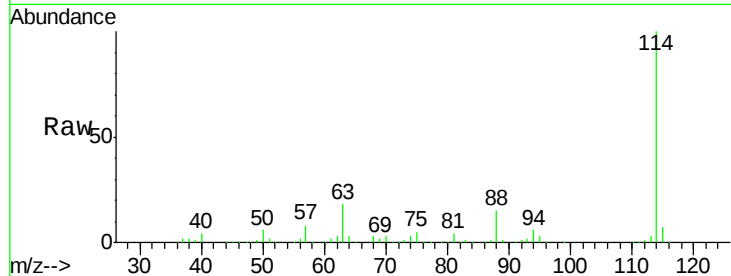




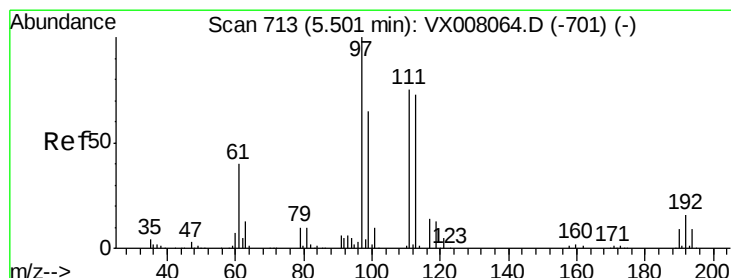
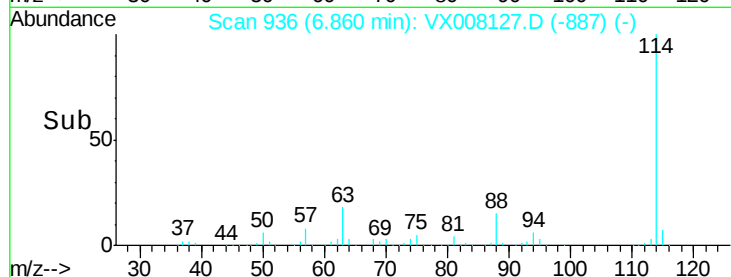
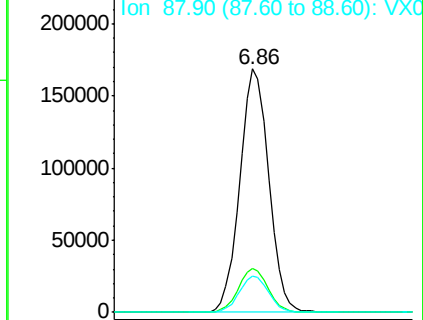
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008127.D
 Acq: 16 Mar 2019 00:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW302D-20190311

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	39.8
88	14.8	0.0	31.4

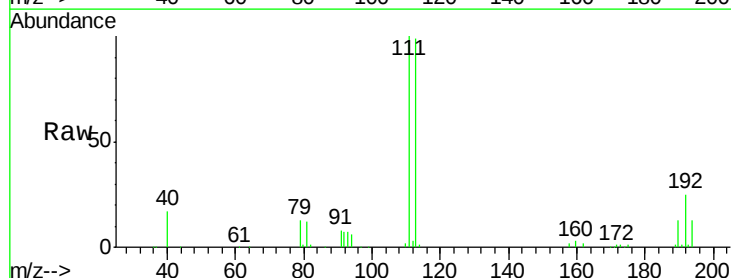


Abundance Ion 113.90 (113.60 to 114.60): V

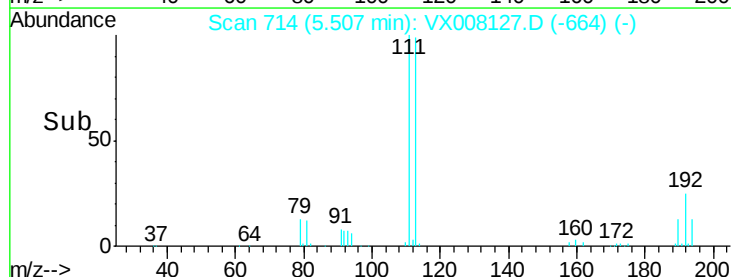
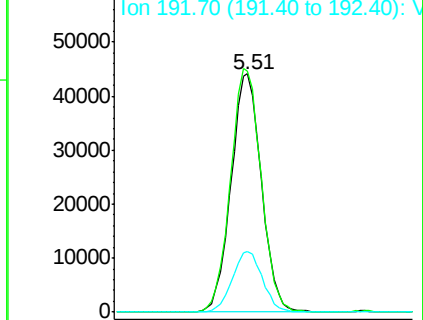


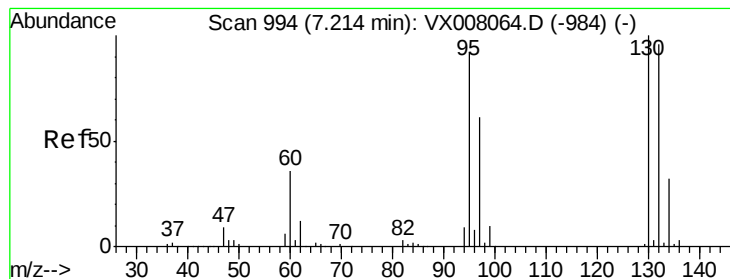
#35
 Dibromofluoromethane
 Concen: 51.131 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX008127.D
 Acq: 16 Mar 2019 00:51

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	25.4	19.4	29.0



Abundance Ion 112.80 (112.50 to 113.50): V





#44

Trichloroethene

Concen: 5.622 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008127.D

Acq: 16 Mar 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

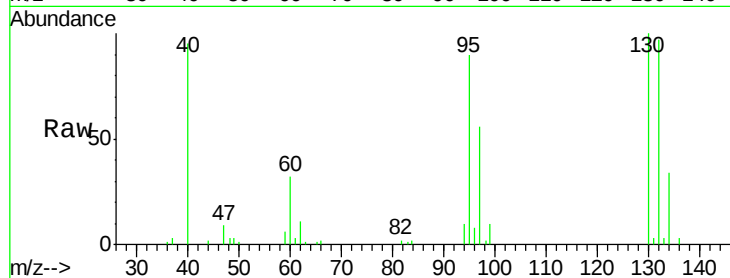
BPS1-TT-MW302D-20190311

Tot Ion:130 Resp: 15871

Ion Ratio Lower Upper

130 100

95 90.4 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

8000

6000

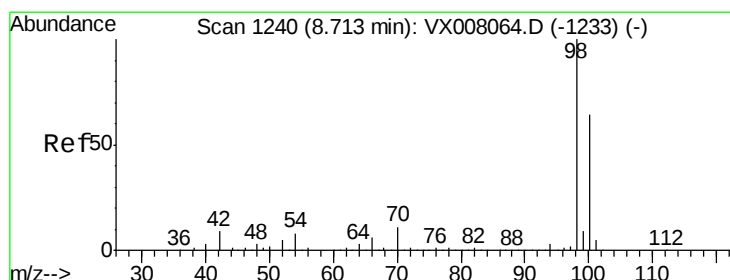
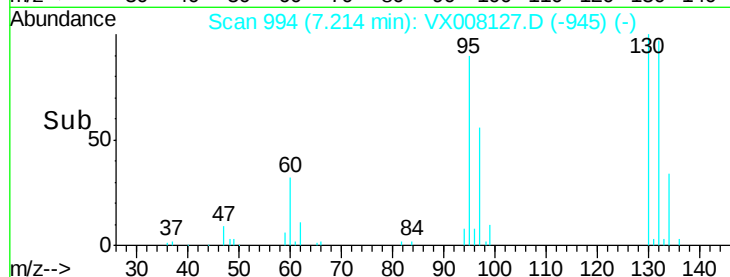
4000

2000

0

Time-->

7.15 7.20 7.25 7.30



#50

Toluene-d8

Concen: 49.694 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008127.D

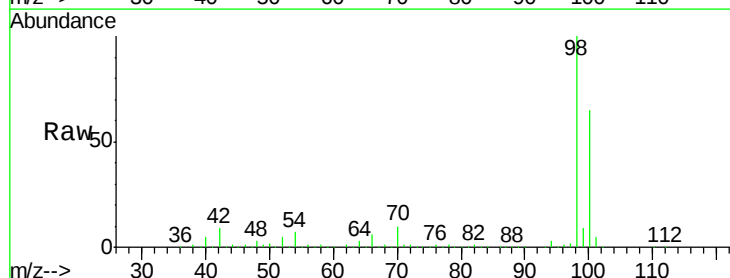
Acq: 16 Mar 2019 00:51

Tgt Ion: 98 Resp: 465149

Ion Ratio Lower Upper

98 100

100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

300000

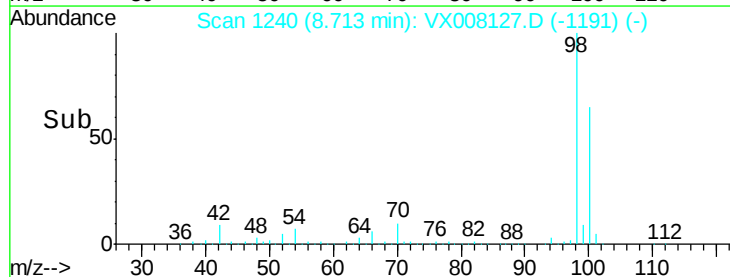
200000

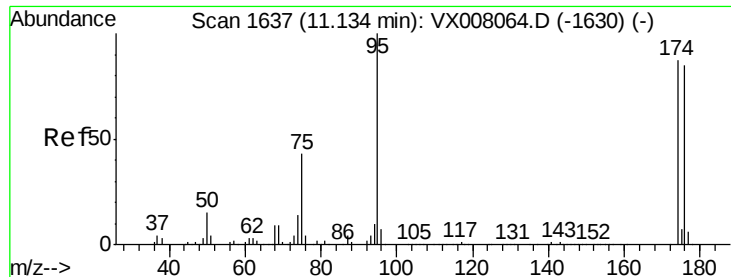
100000

0

Time-->

8.60 8.70 8.80

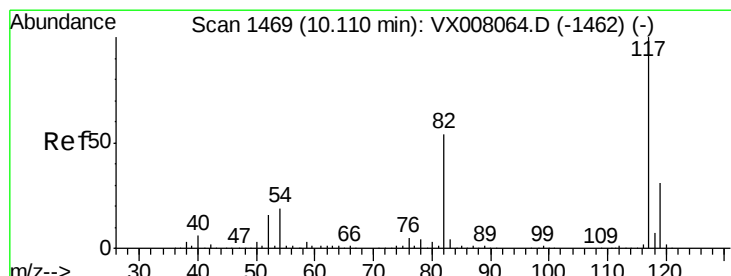
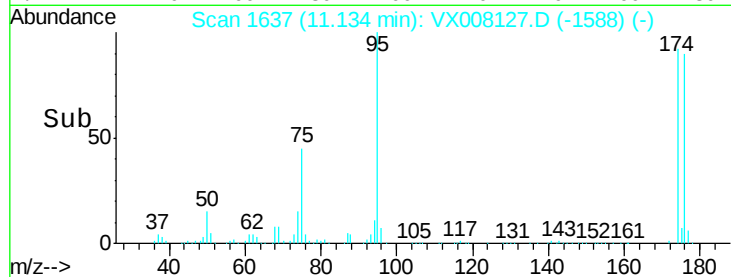
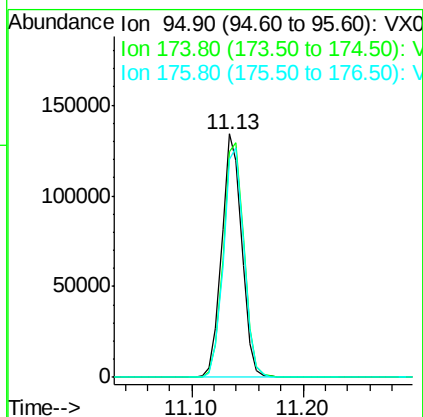
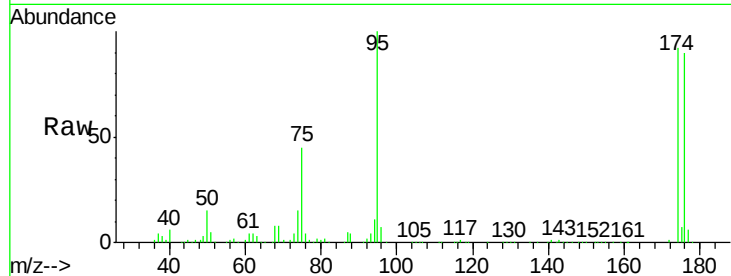




#62
4-Bromofluorobenzene
Concen: 49.673 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008127.D
Acq: 16 Mar 2019 00:51

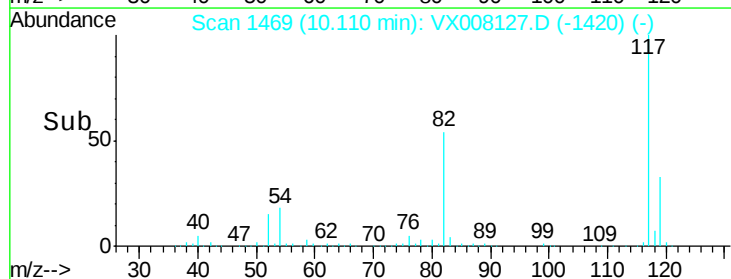
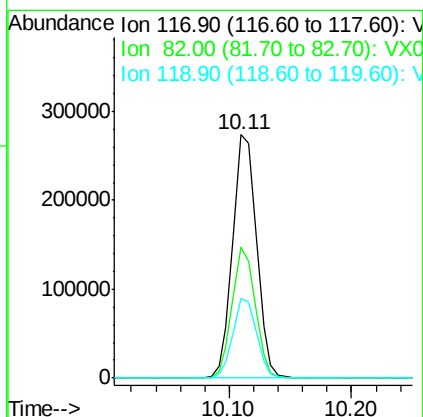
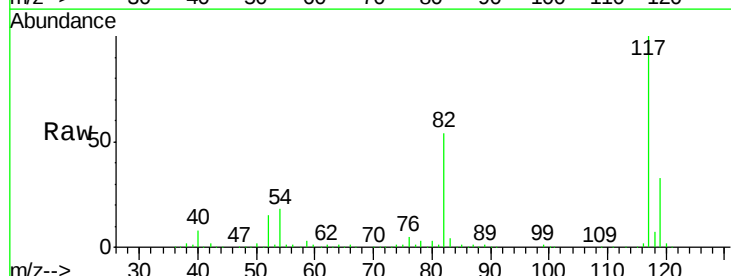
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW302D-20190311

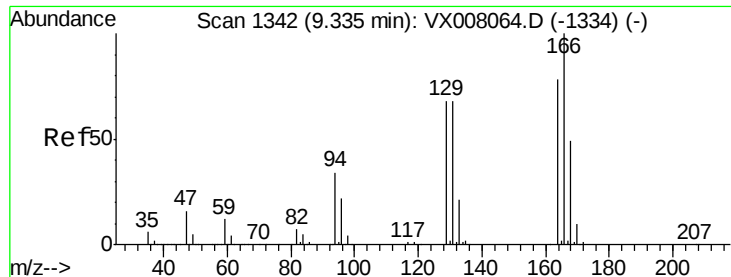
Tot Ion: 95 Resp: 166564
Ion Ratio Lower Upper
95 100
174 99.7 0.0 182.8
176 96.4 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008127.D
Acq: 16 Mar 2019 00:51

Tgt Ion: 117 Resp: 369324
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 32.6 25.3 37.9





#64

Tetrachloroethene

Concen: 0.387 ug/l

RT: 9.33 min Scan# 1341

Delta R.T. -0.01 min

Lab File: VX008127.D

Acq: 16 Mar 2019 00:51

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW302D-20190311

Tot Ion:164 Resp: 1157

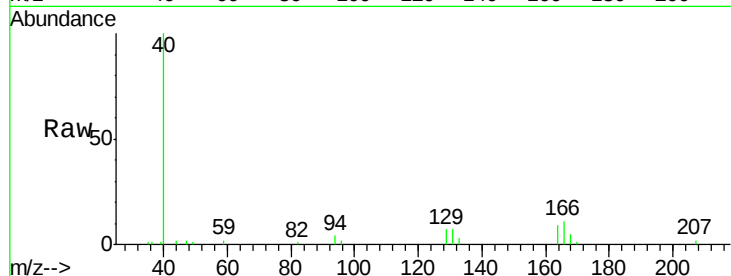
Ion Ratio Lower Upper

164 100

166 125.9 103.4 155.0

129 83.5 72.2 108.4

131 74.4 69.4 104.2

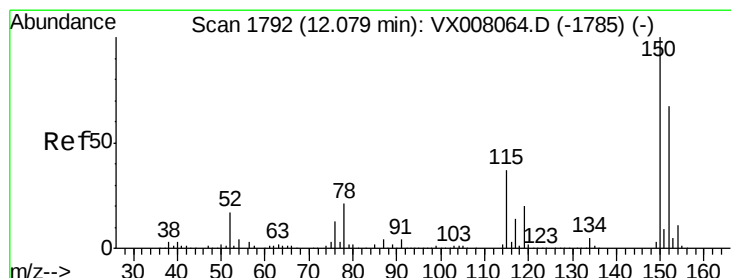
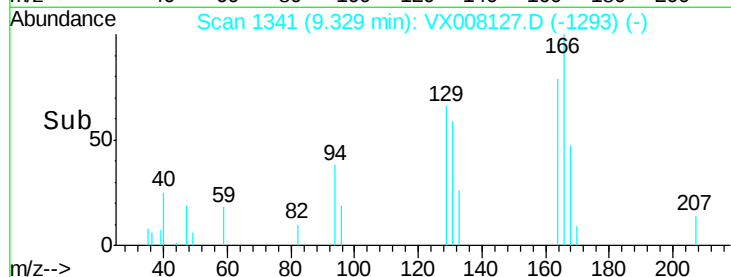
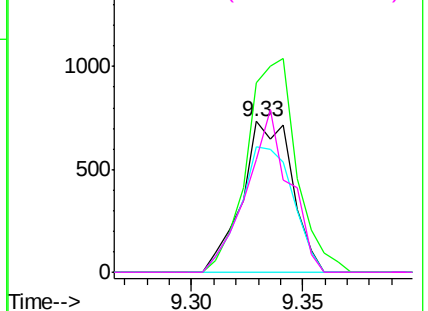


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX008127.D

Acq: 16 Mar 2019 00:51

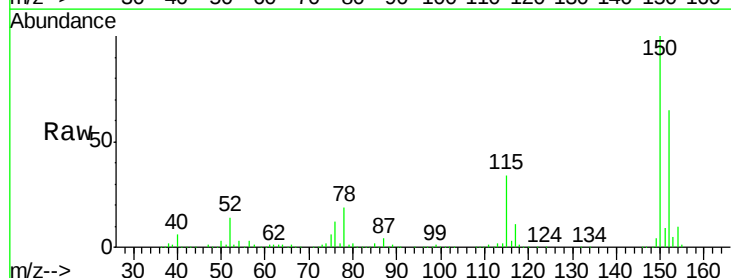
Tgt Ion:152 Resp: 181592

Ion Ratio Lower Upper

152 100

115 53.1 38.6 115.7

150 155.5 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

