

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008263.D
 Acq On : 21 Mar 2019 00:47
 Operator : JC/SP
 Sample : K1900-14RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW309S-20190313RE

Quant Time: Mar 22 18:11:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

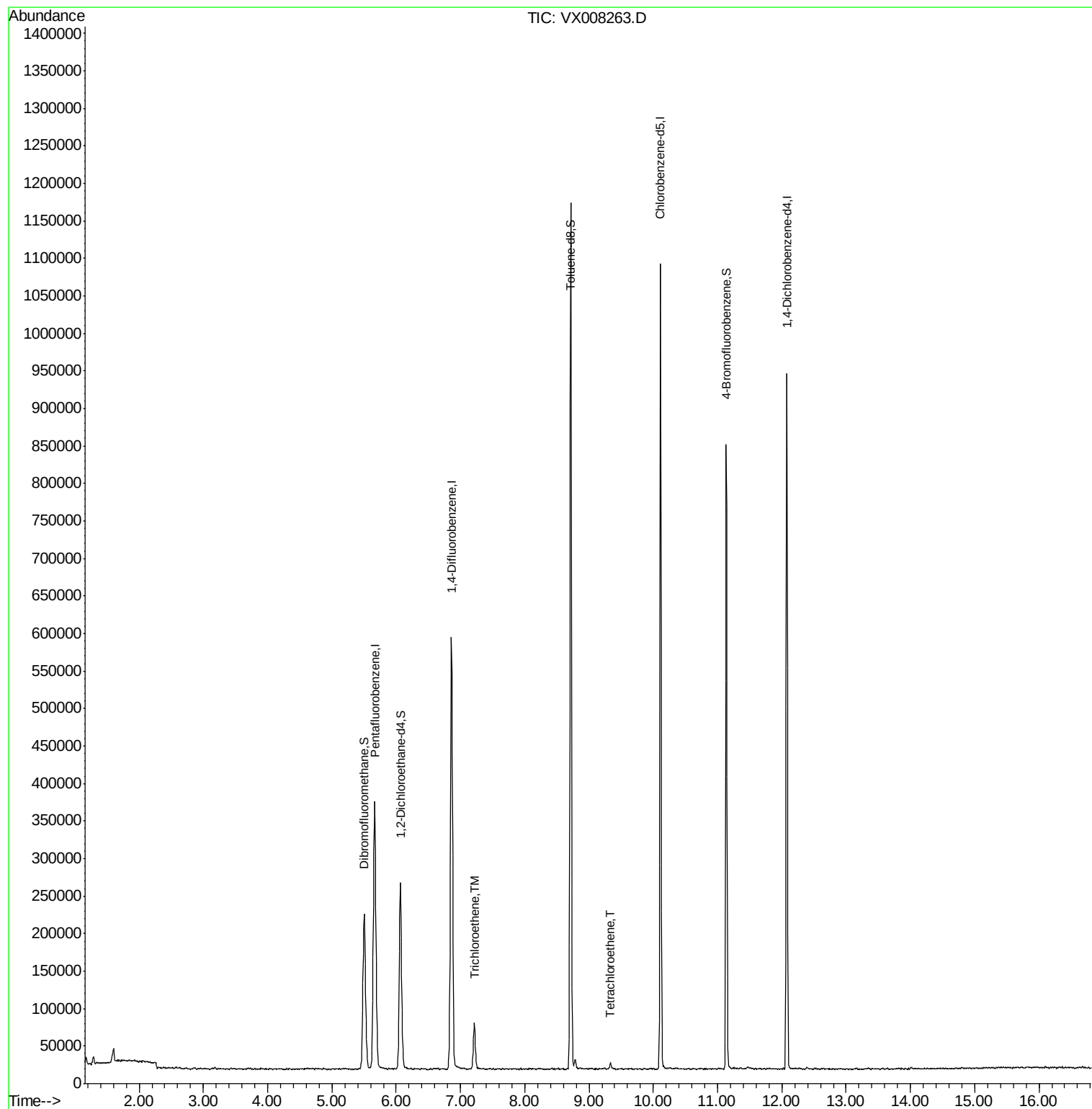
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	335261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	552581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	466492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186602	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	236485	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
35) Dibromofluoromethane	5.50	113	172897	46.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.48%	
50) Toluene-d8	8.71	98	675892	48.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.13	95	215111	44.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.10%	
Target Compounds						
44) Trichloroethene	7.21	130	23889	5.131	ug/l	97
64) Tetrachloroethene	9.34	164	1577	0.375	ug/l	92

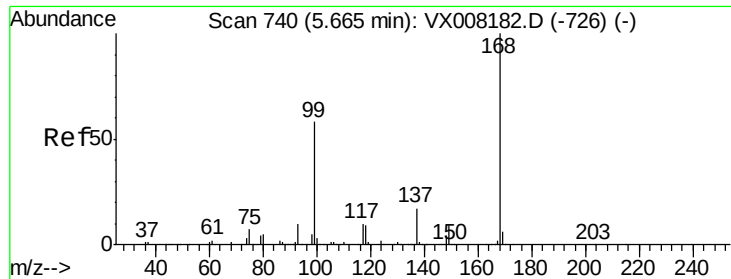
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008263.D

Acq: 21 Mar 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

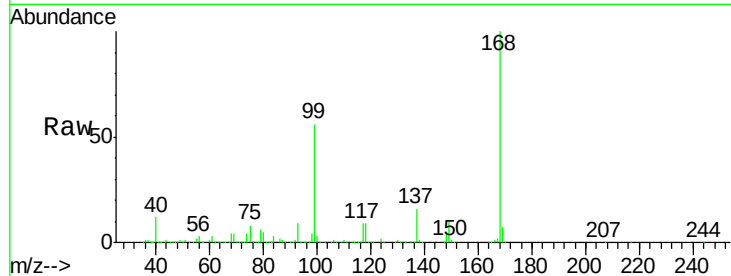
BPS1-TT-MW309S-20190313RE

Tot Ion:168 Resp: 335261

Ion Ratio Lower Upper

168 100

99 56.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

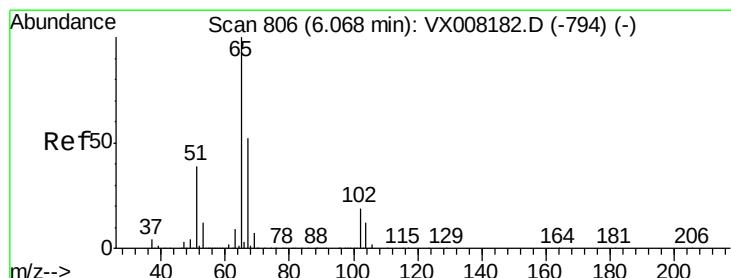
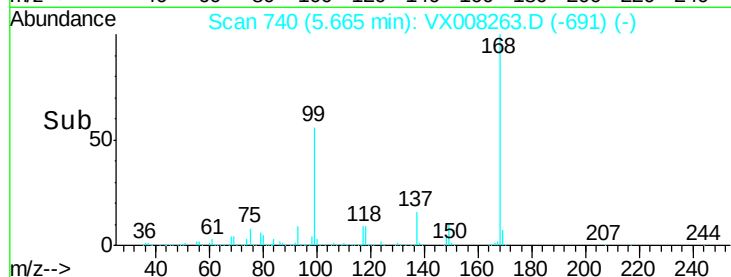
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.835 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008263.D

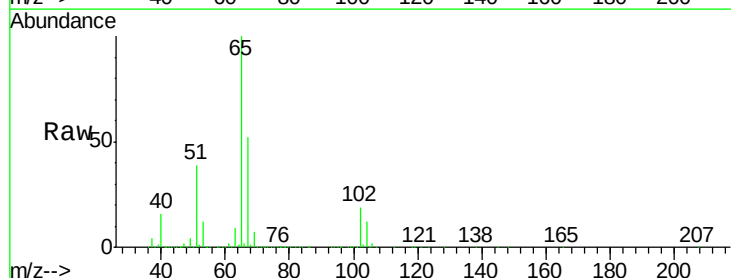
Acq: 21 Mar 2019 00:47

Tgt Ion: 65 Resp: 236485

Ion Ratio Lower Upper

65 100

67 52.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

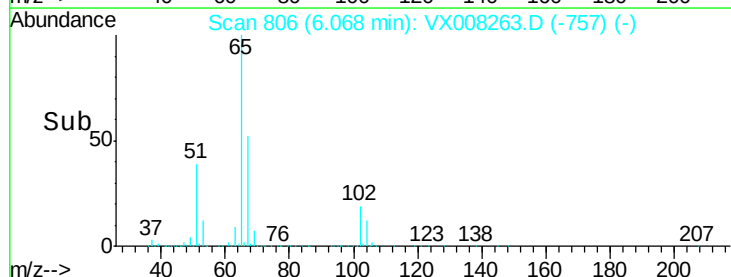
60000

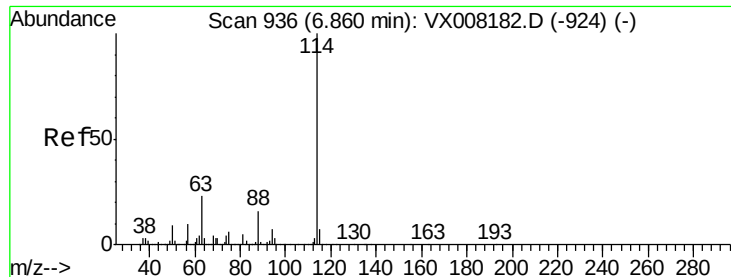
40000

20000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008263.D

Acq: 21 Mar 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW309S-20190313RE

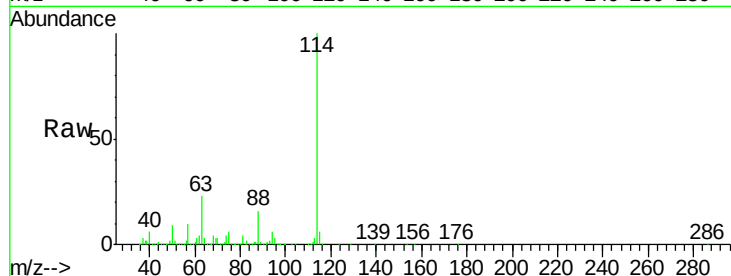
Tot Ion:114 Resp: 552581

Ion Ratio Lower Upper

114 100

63 22.9 0.0 39.8

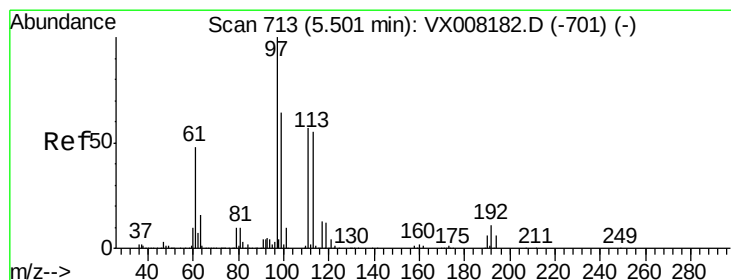
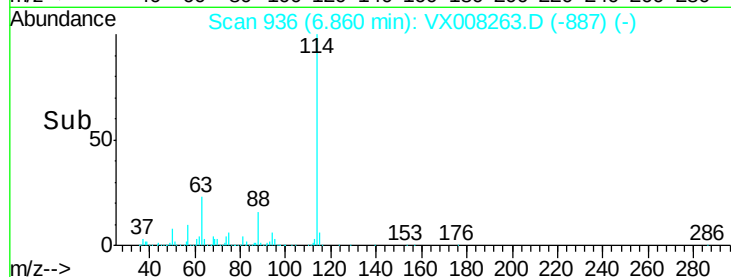
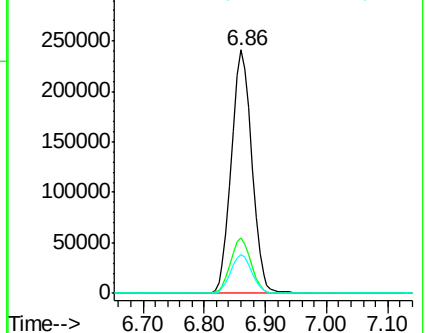
88 15.8 0.0 31.4



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: 46.739 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008263.D

Acq: 21 Mar 2019 00:47

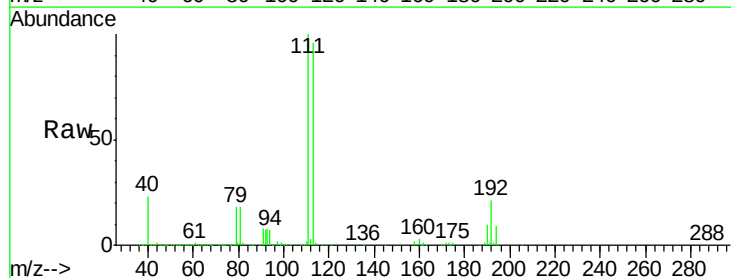
Tgt Ion:113 Resp: 172897

Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

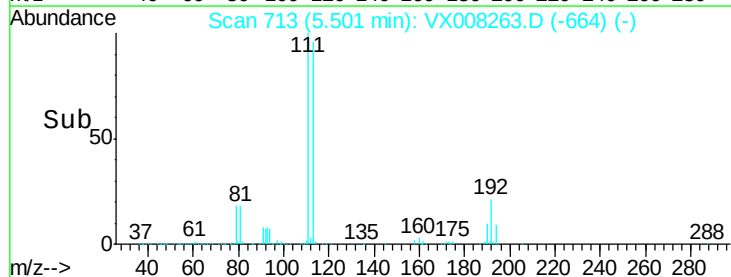
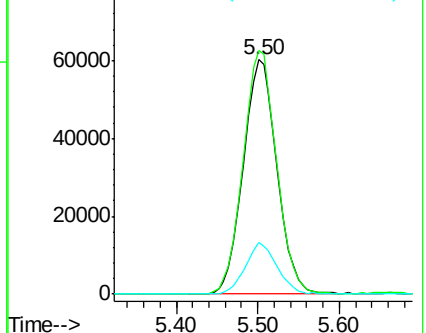
192 20.7 19.4 29.0

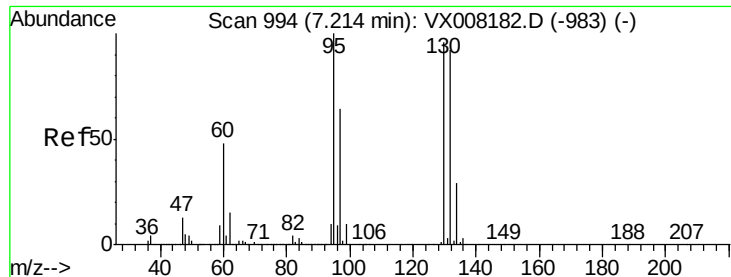


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 5.131 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008263.D

Acq: 21 Mar 2019 00:47

Instrument :

MSVOA_X

ClientSampleId :

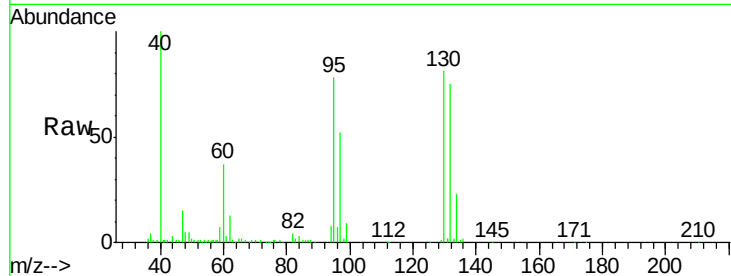
BPS1-TT-MW309S-20190313RE

Tot Ion:130 Resp: 23889

Ion Ratio Lower Upper

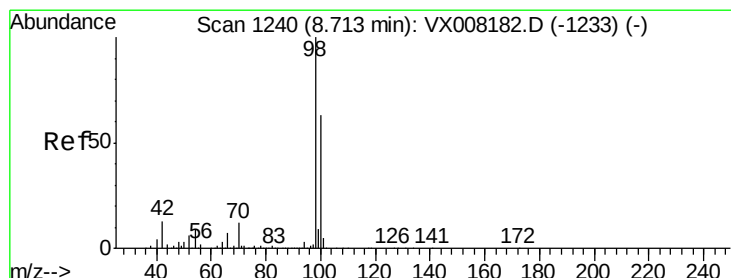
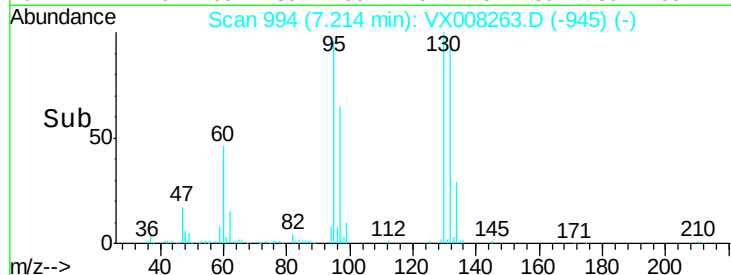
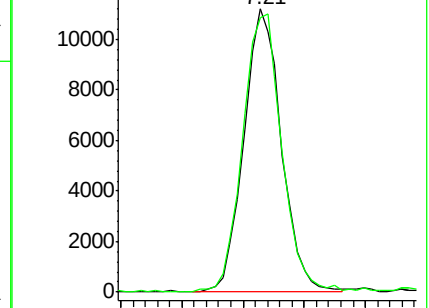
130 100

95 96.9 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 48.193 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008263.D

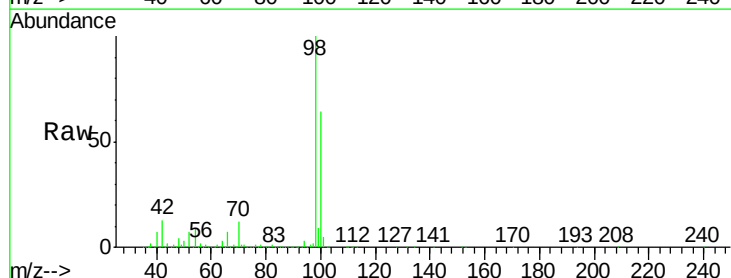
Acq: 21 Mar 2019 00:47

Tgt Ion: 98 Resp: 675892

Ion Ratio Lower Upper

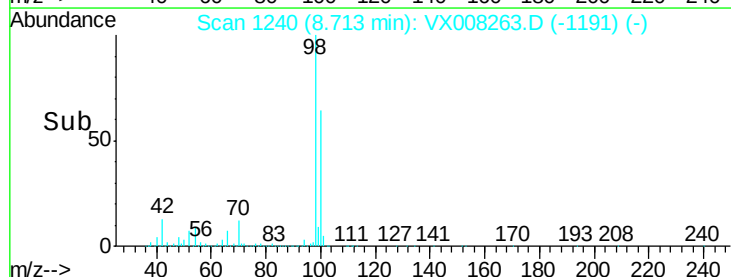
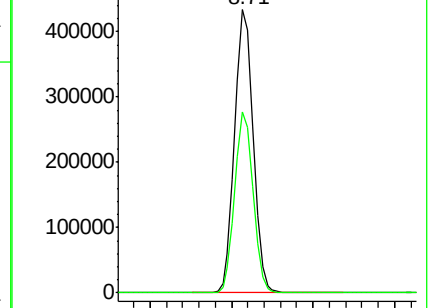
98 100

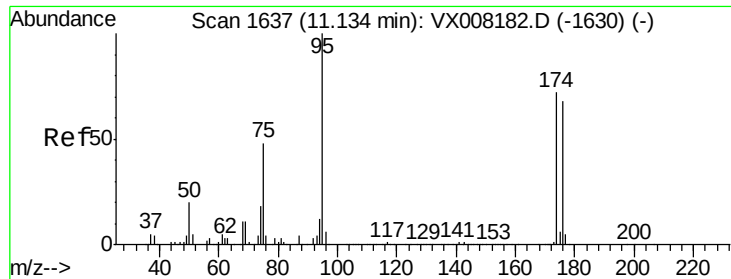
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

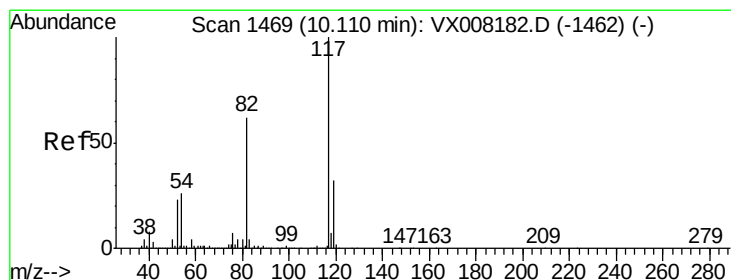
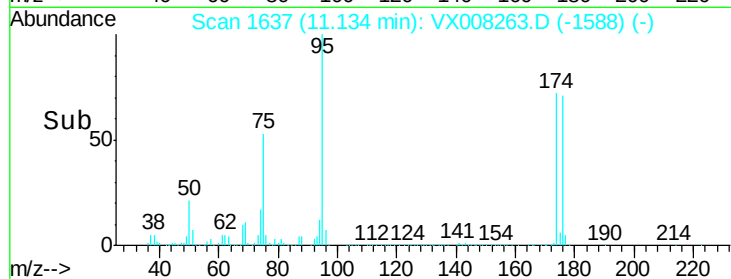
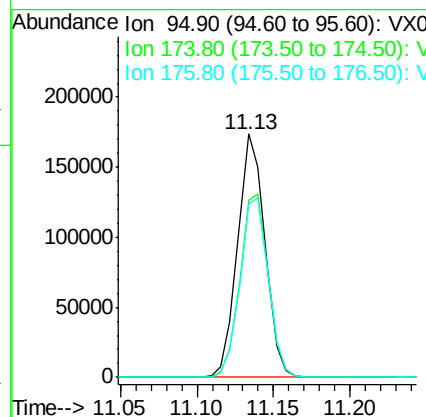
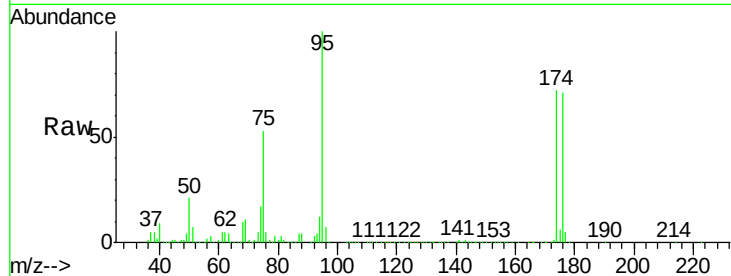




#62
4-Bromofluorobenzene
Concen: 44.545 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008263.D
Acq: 21 Mar 2019 00:47

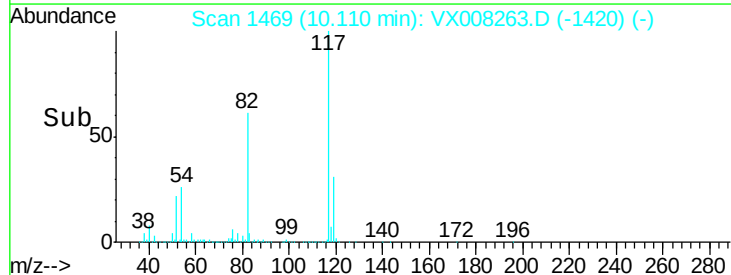
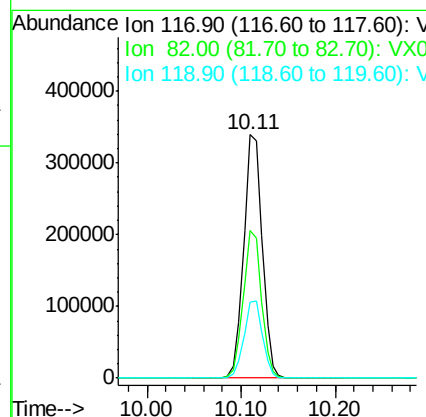
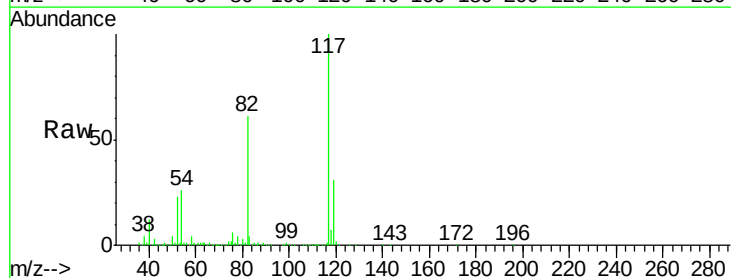
Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309S-20190313RE

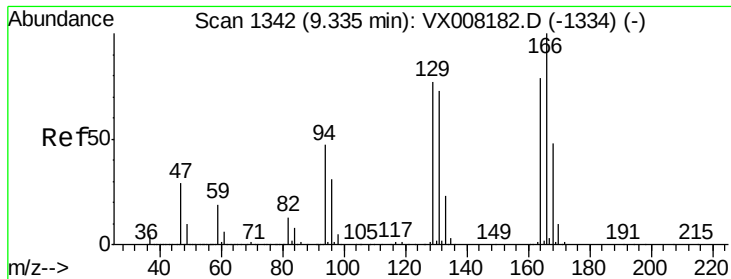
Tot Ion: 95 Resp: 215111
Ion Ratio Lower Upper
95 100
174 77.9 0.0 182.8
176 76.7 0.0 178.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008263.D
Acq: 21 Mar 2019 00:47

Tgt Ion: 117 Resp: 466492
Ion Ratio Lower Upper
117 100
82 60.6 44.3 66.5
119 31.3 25.3 37.9

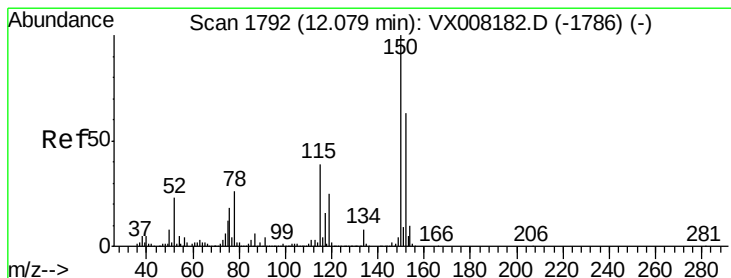
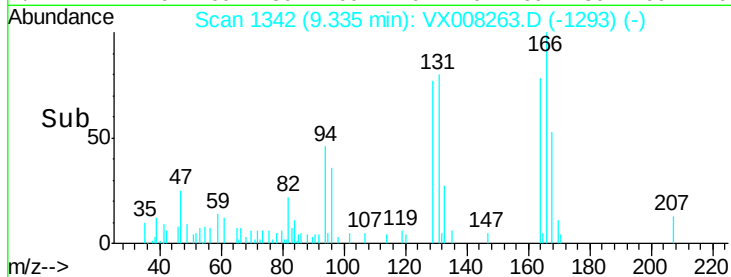
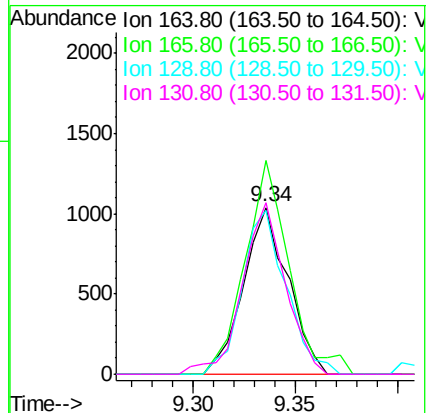
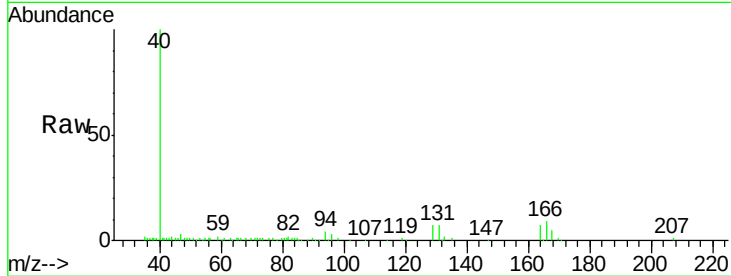




#64
Tetrachloroethene
Concen: 0.375 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008263.D
Acq: 21 Mar 2019 00:47

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW309S-20190313RE

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.1	103.4	155.0
129	98.3	72.2	108.4
131	102.7	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: VX008263.D
Acq: 21 Mar 2019 00:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.9	38.6	115.7
150	157.6	0.0	348.4

