

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011069.D
 Acq On : 25 Jul 2019 11:46
 Operator : JC/SP
 Sample : K3973-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB203-GW-98-100

Quant Time: Jul 26 01:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

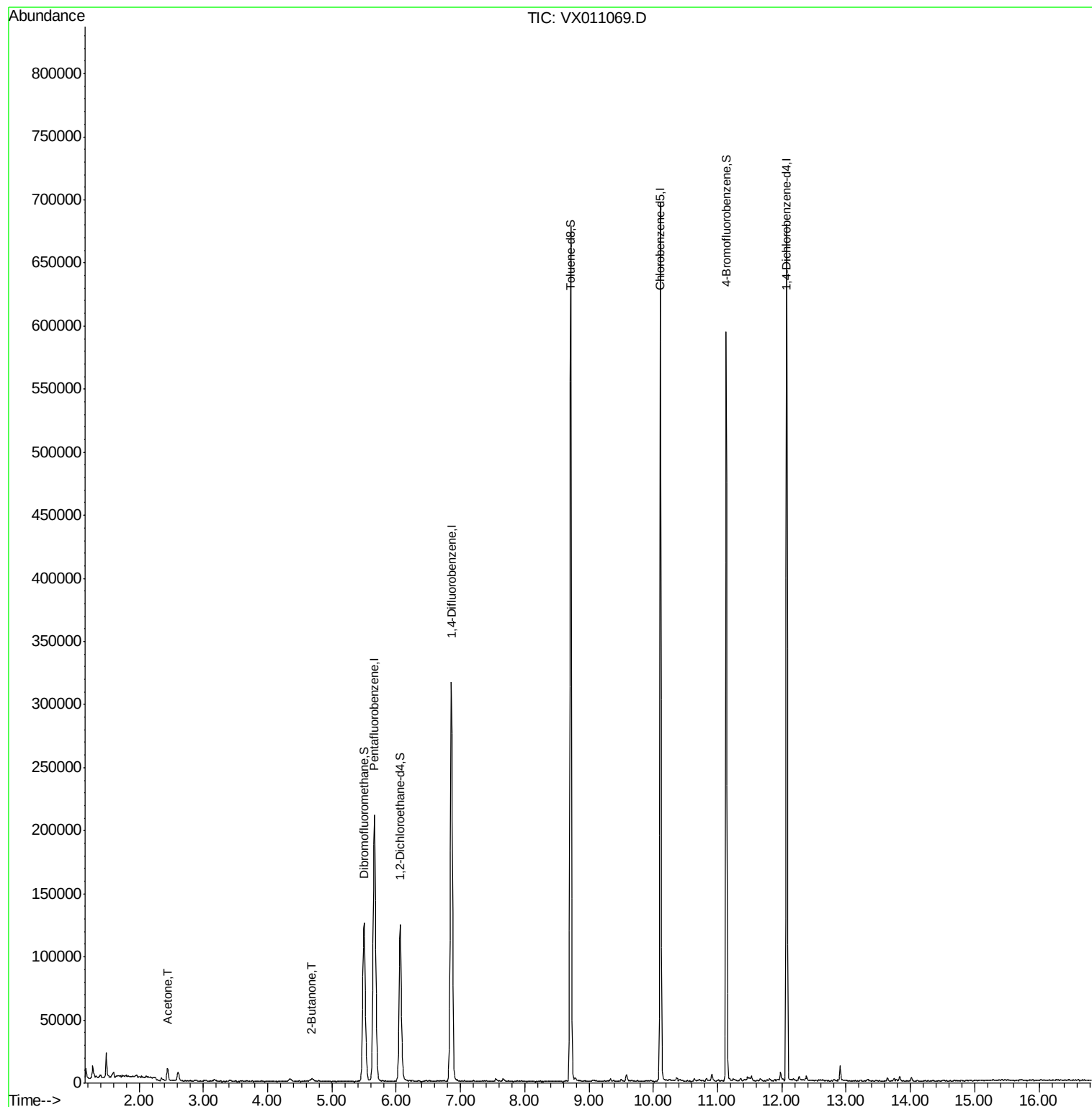
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	210613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	309098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116099	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
35) Dibromofluoromethane	5.50	113	105700	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
50) Toluene-d8	8.71	98	399240	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.13	95	142869	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
Target Compounds						
16) Acetone	2.44	43	10549	10.424	ug/l	95
25) 2-Butanone	4.69	43	3196	2.200	ug/l #	88

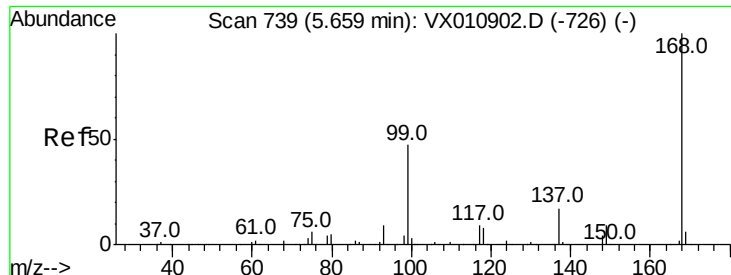
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011069.D

Acq: 25 Jul 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

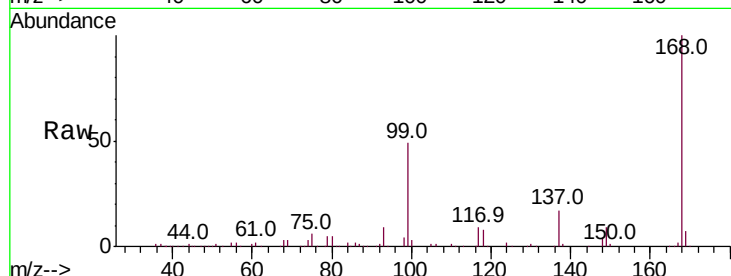
BP-VPB203-GW-98-100

Tot Ion:168 Resp: 210613

Ion Ratio Lower Upper

168 100

99 48.6 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

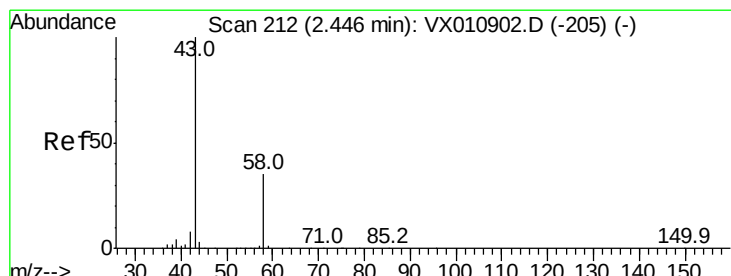
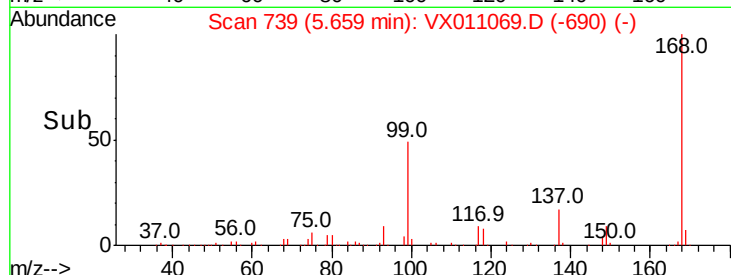
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.424 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011069.D

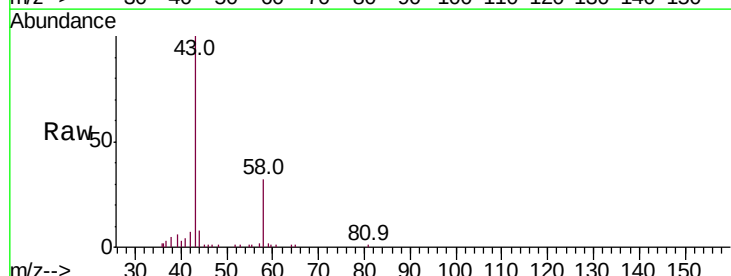
Acq: 25 Jul 2019 11:46

Tgt Ion: 43 Resp: 10549

Ion Ratio Lower Upper

43 100

58 32.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

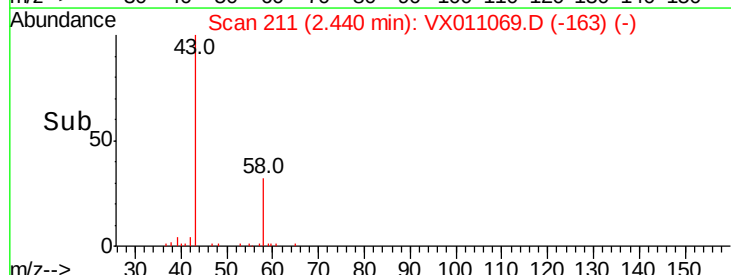
6000

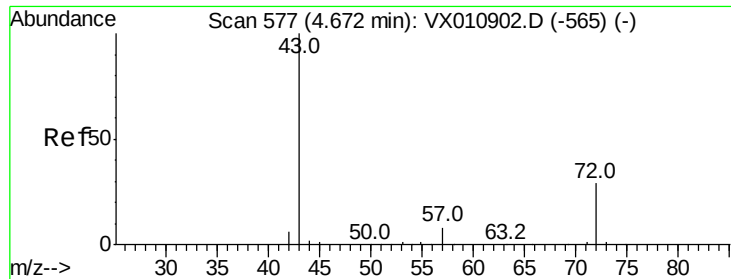
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#25

2-Butanone

Concen: 2.200 ug/l

RT: 4.69 min Scan# 580

Delta R.T. 0.02 min

Lab File: VX011069.D

Acq: 25 Jul 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

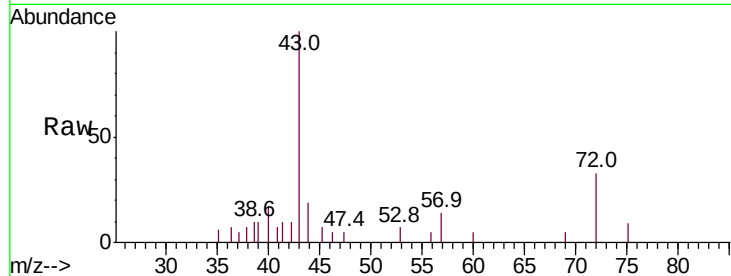
BP-VPB203-GW-98-100

Tot Ion: 43 Resp: 3196

Ion Ratio Lower Upper

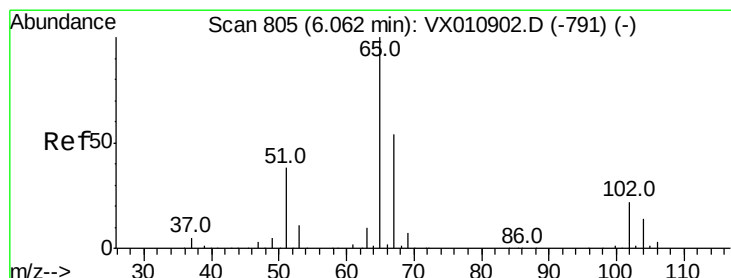
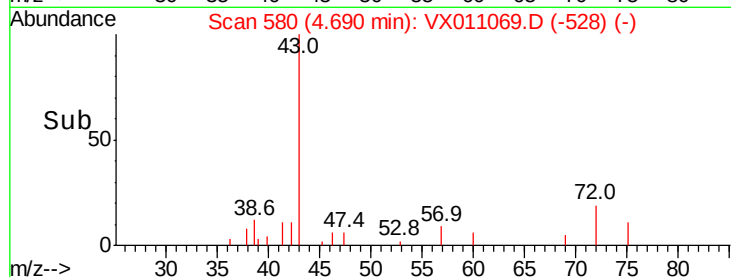
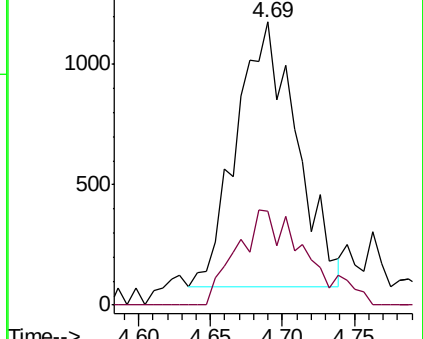
43 100

72 35.3 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.816 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011069.D

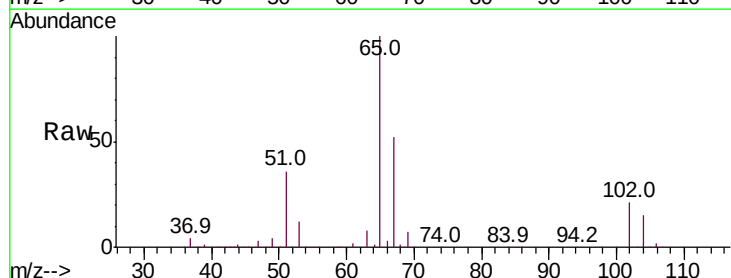
Acq: 25 Jul 2019 11:46

Tgt Ion: 65 Resp: 116099

Ion Ratio Lower Upper

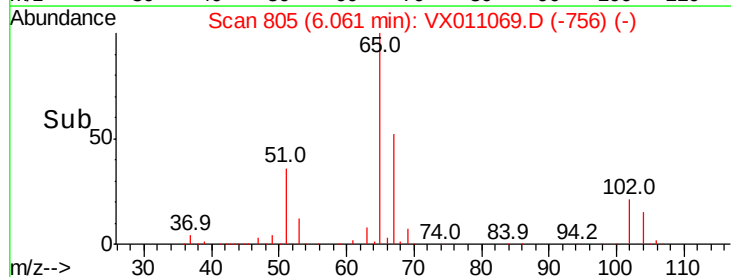
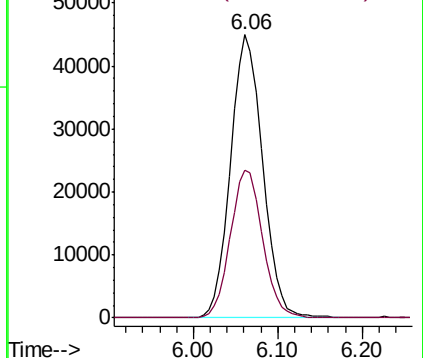
65 100

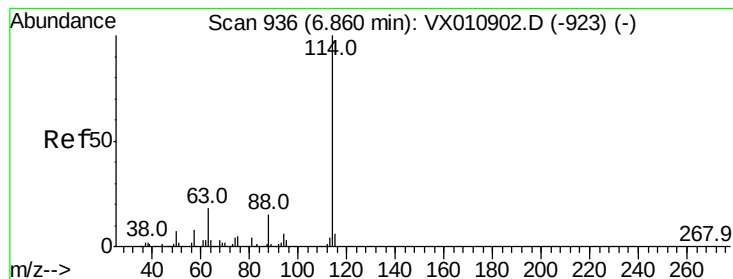
67 52.4 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011069.D

Acq: 25 Jul 2019 11:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB203-GW-98-100

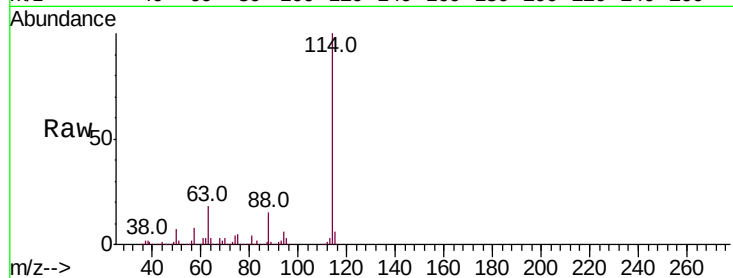
Tot Ion:114 Resp: 333977

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.6

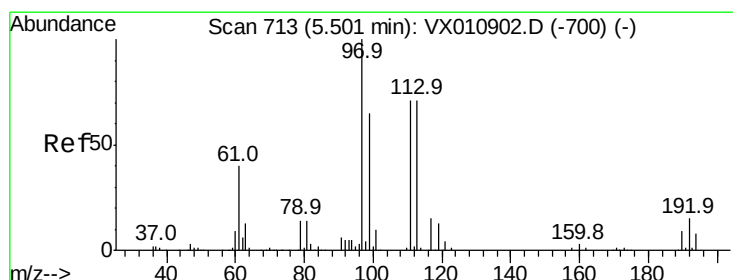
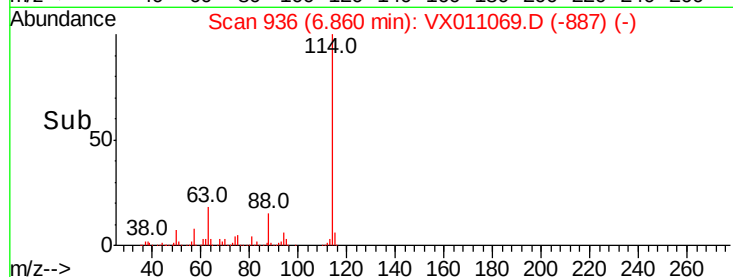
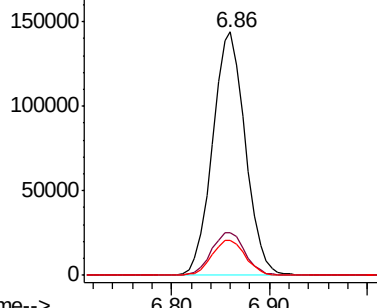
88 14.6 0.0 29.8



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: 49.863 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011069.D

Acq: 25 Jul 2019 11:46

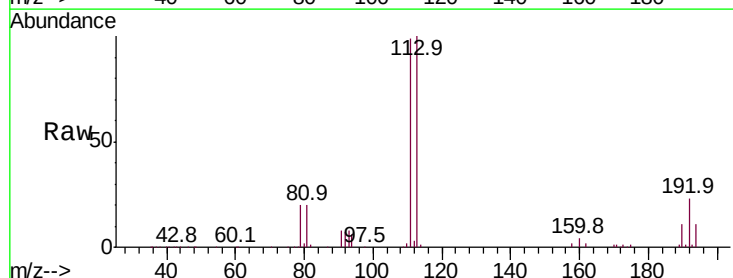
Tgt Ion:113 Resp: 105700

Ion Ratio Lower Upper

113 100

111 100.6 82.3 123.5

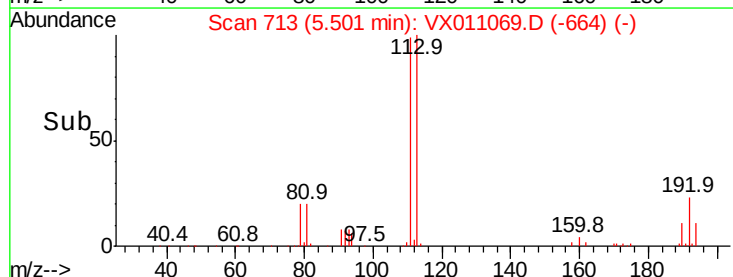
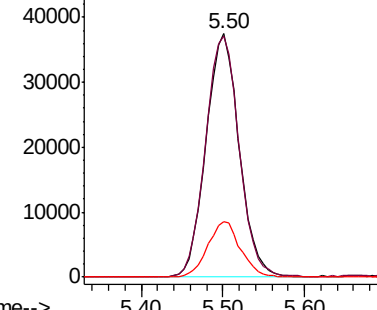
192 22.4 17.4 26.2

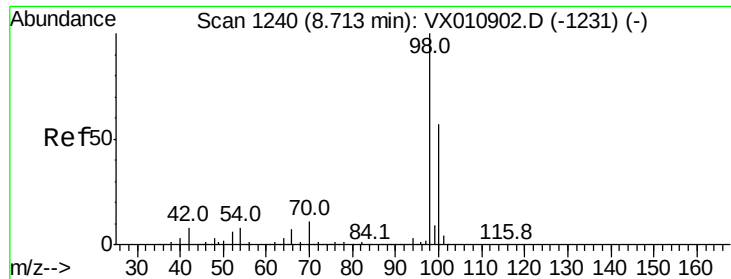


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

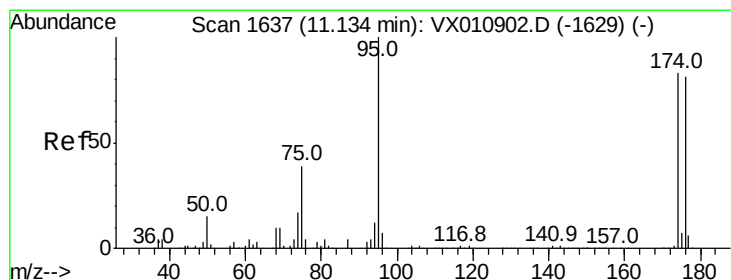
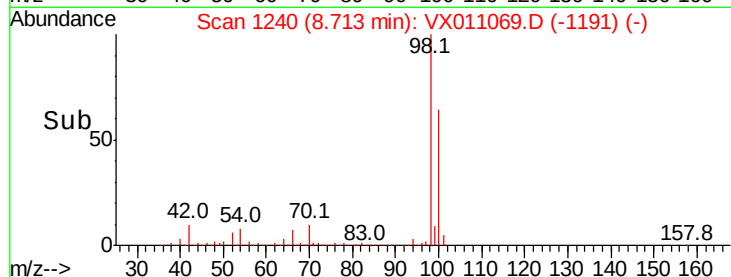
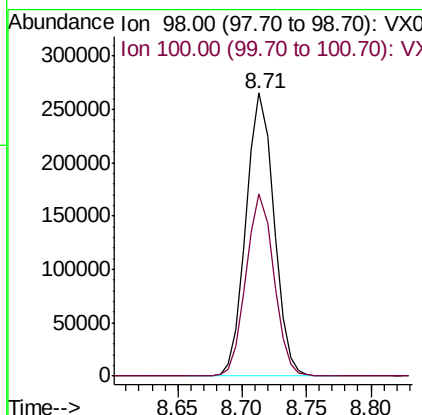
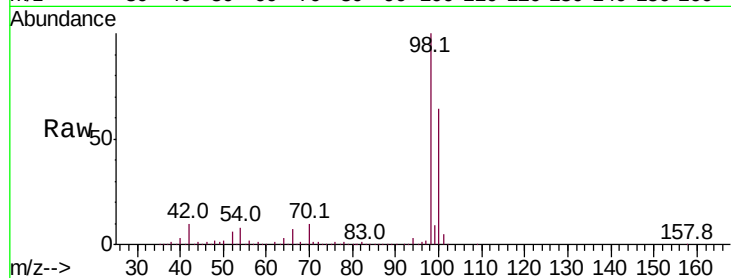




#50
Toluene-d8
Concen: 50.215 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011069.D
Acq: 25 Jul 2019 11:46

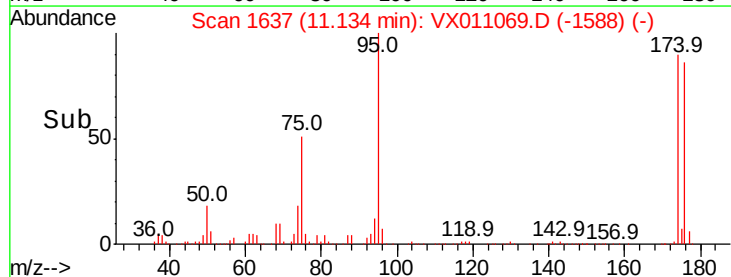
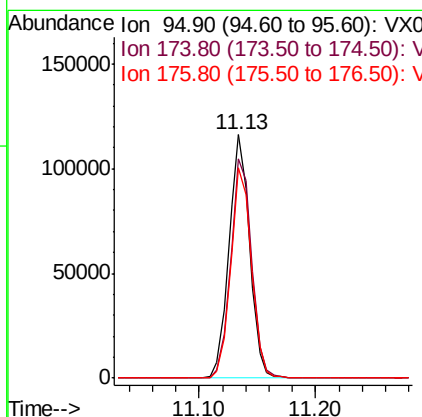
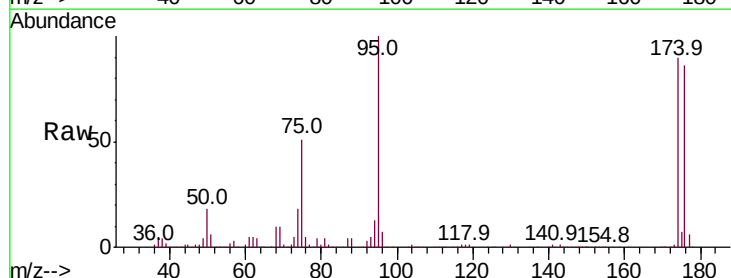
Instrument :
MSVOA_X
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BP-VPB203-GW-98-100

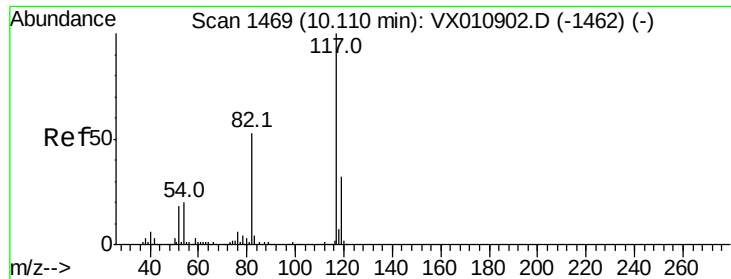
Tot Ion: 98 Resp: 399240
Ion Ratio Lower Upper
98 100
100 64.0 50.6 75.8



#62
4-Bromofluorobenzene
Concen: 48.887 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX011069.D
Acq: 25 Jul 2019 11:46

Tgt Ion: 95 Resp: 142869
Ion Ratio Lower Upper
95 100
174 92.1 0.0 180.6
176 87.2 0.0 173.8

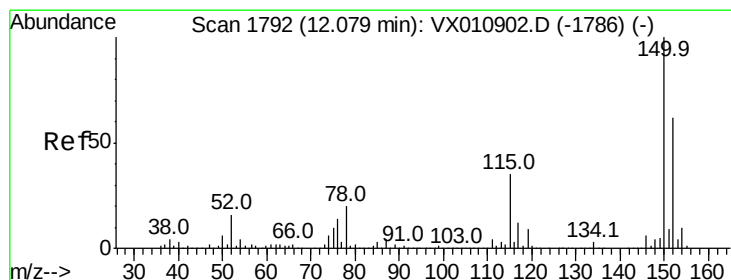
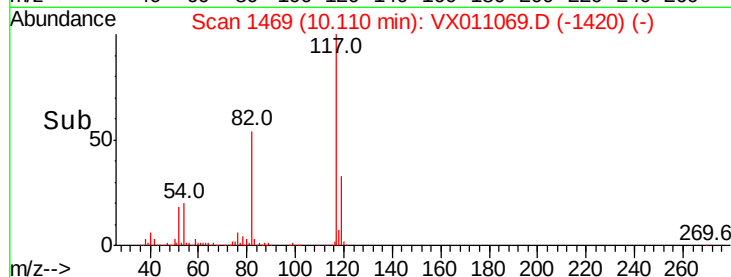
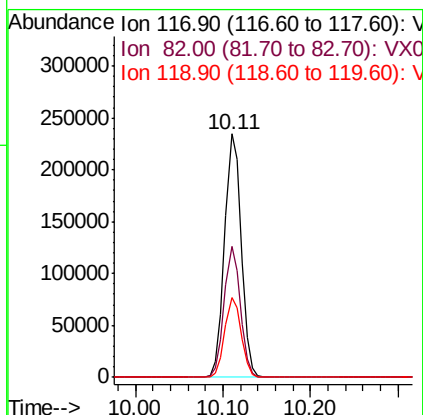
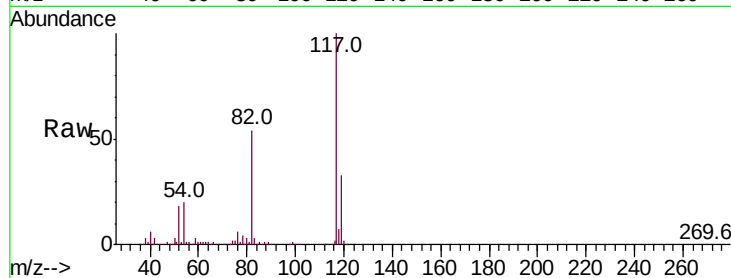




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011069.D
Acq: 25 Jul 2019 11:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB203-GW-98-100

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.6	63.8
119	33.0	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX011069.D
Acq: 25 Jul 2019 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.7	119.1
150	157.3	0.0	345.6

