

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX031919\
 Data File : VX008203.D
 Acq On : 19 Mar 2019 20:34
 Operator : JC/SP
 Sample : K1882-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305S-20190312

Quant Time: Mar 25 17:20:49 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	335393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	545610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	459857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185301	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	234939	46.51	ug/l	0.00
Spiked Amount			Recovery	=	93.02%	
35) Dibromofluoromethane	5.50	113	170808	46.76	ug/l	0.00
Spiked Amount			Recovery	=	93.52%	
50) Toluene-d8	8.71	98	676238	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.13	95	215680	45.23	ug/l	0.00
Spiked Amount			Recovery	=	90.46%	

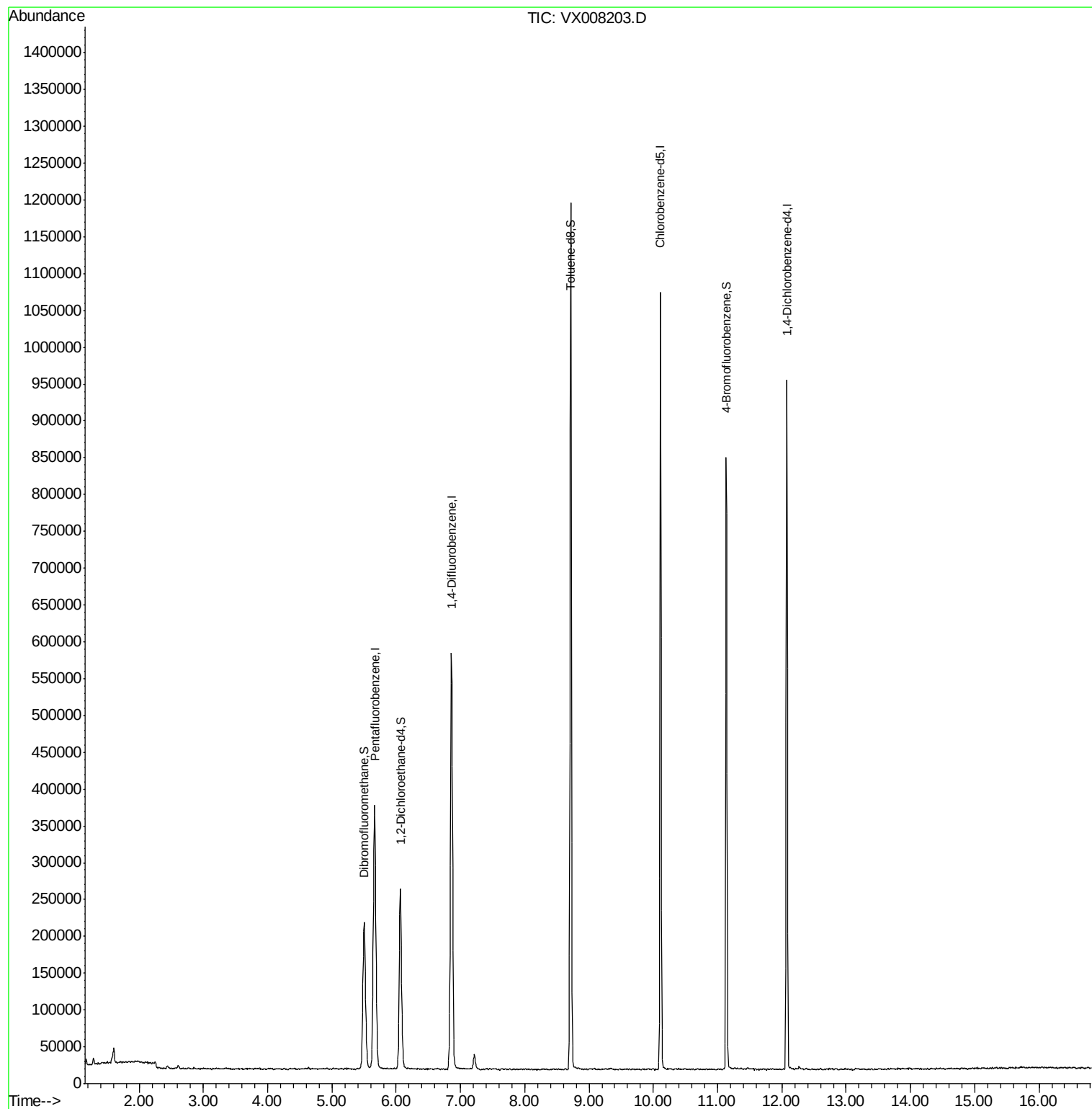
Target Compounds	Qvalue
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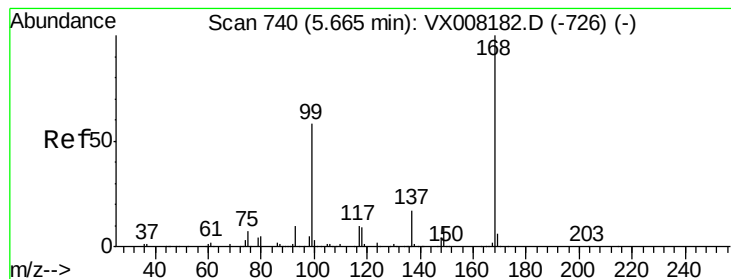
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008203.D

Acq: 19 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

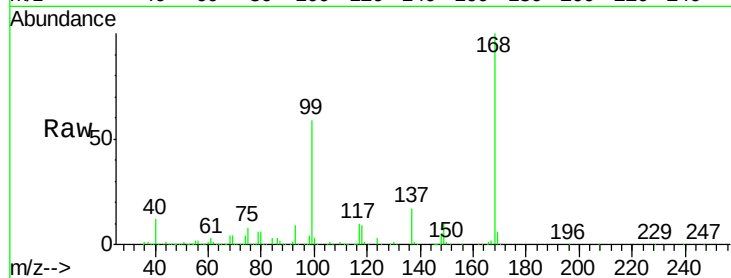
BPS1-TT-MW305S-20190312

Tot Ion:168 Resp: 335393

Ion Ratio Lower Upper

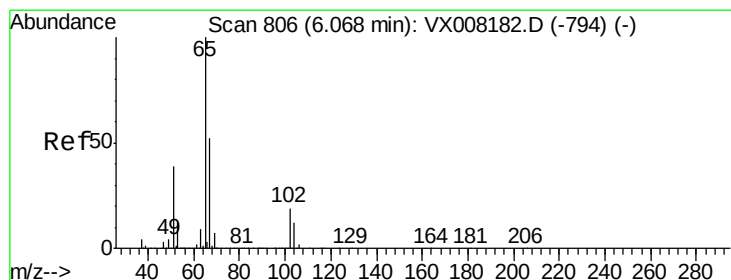
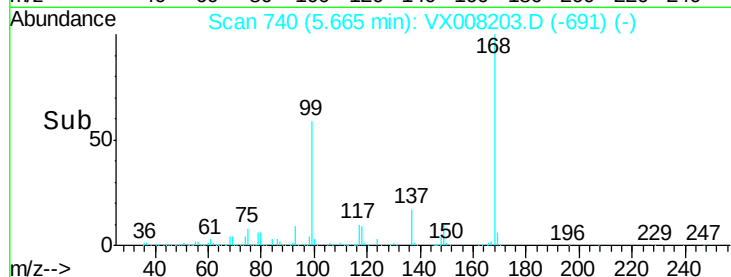
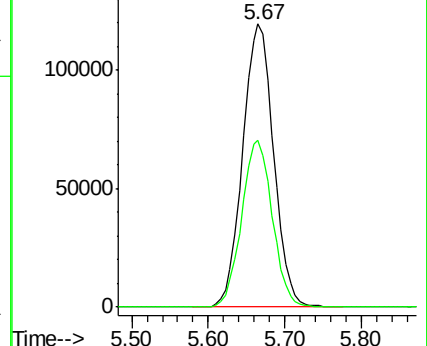
168 100

99 59.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.510 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008203.D

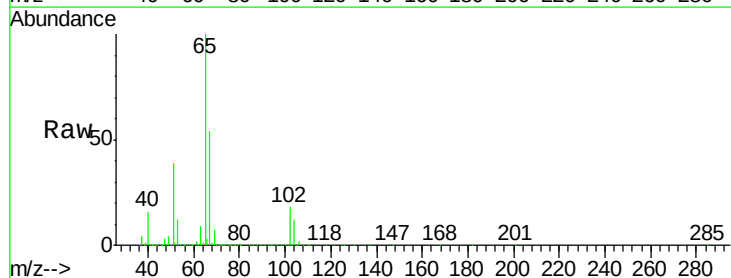
Acq: 19 Mar 2019 20:34

Tgt Ion: 65 Resp: 234939

Ion Ratio Lower Upper

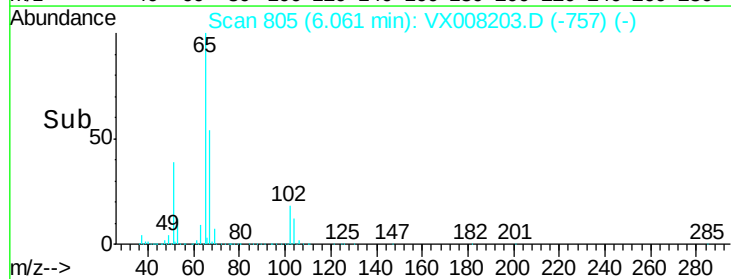
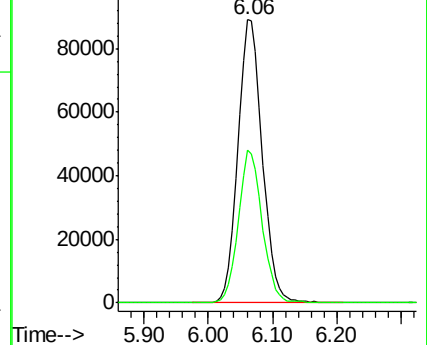
65 100

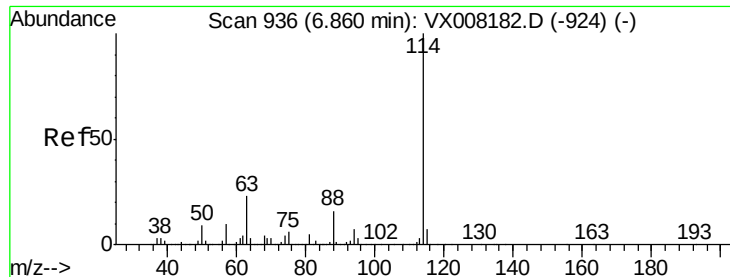
67 52.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305S-20190312

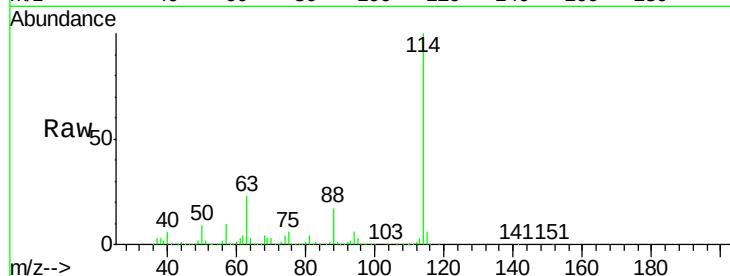
Tot Ion:114 Resp: 545610

Ion Ratio Lower Upper

114 100

63 22.7 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

300000

250000

200000

150000

100000

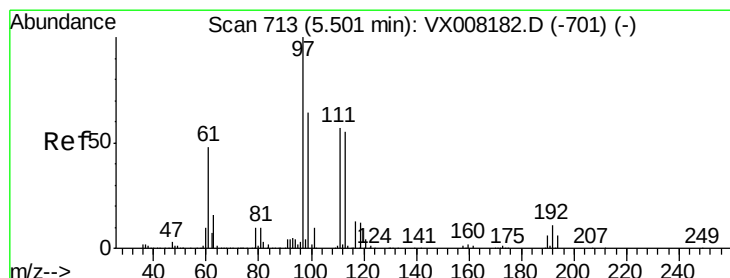
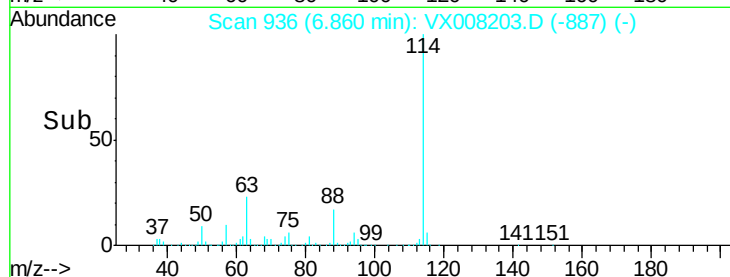
50000

0

6.86

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 46.765 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008203.D

Acq: 19 Mar 2019 20:34

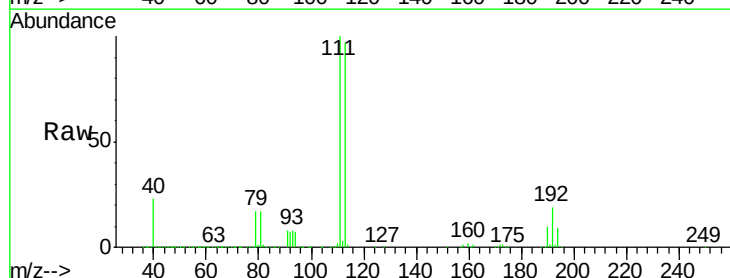
Tgt Ion:113 Resp: 170808

Ion Ratio Lower Upper

113 100

111 103.4 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

80000

60000

40000

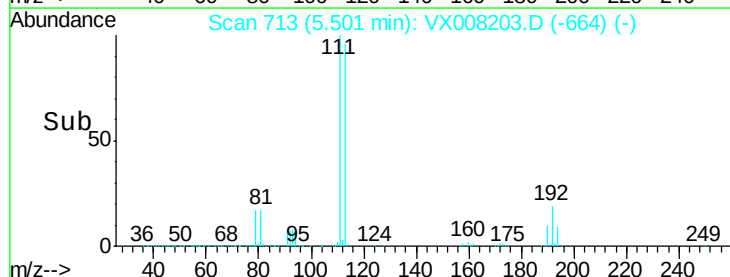
20000

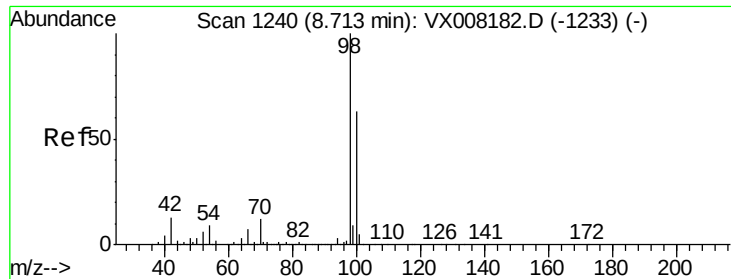
0

5.50

5.40 5.50 5.60

Time-->

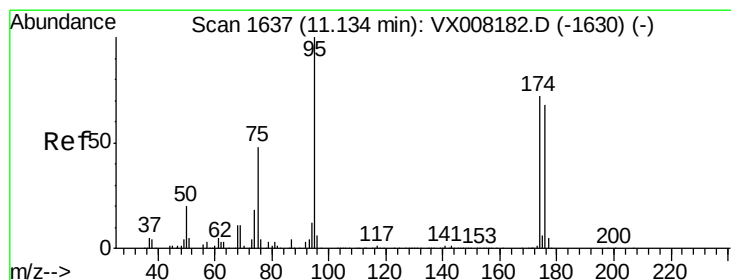
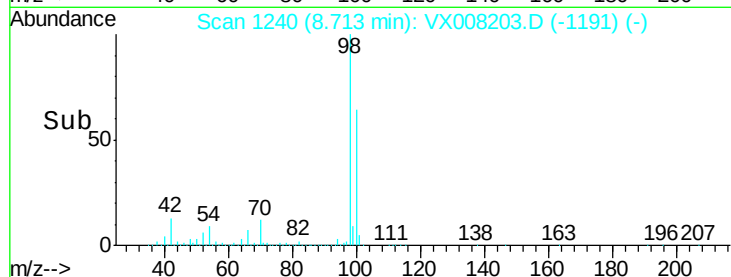
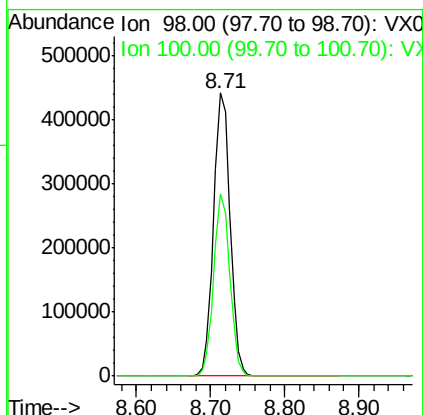
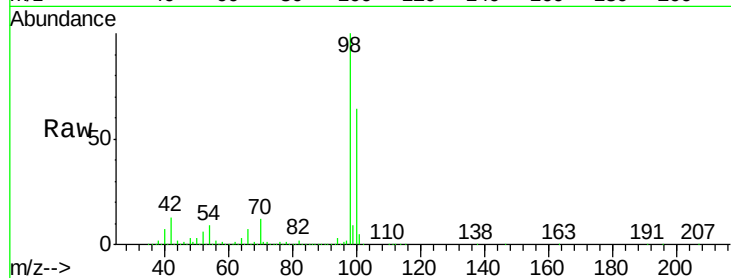




#50
Toluene-d8
Concen: 48.833 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008203.D
Acq: 19 Mar 2019 20:34

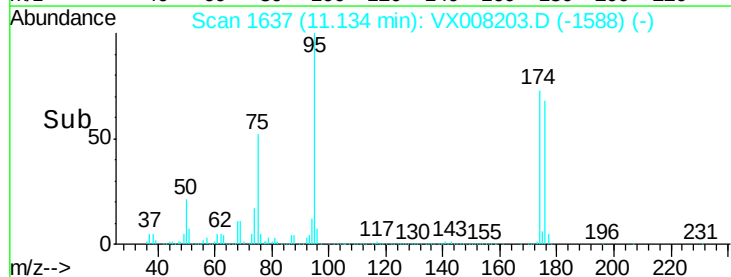
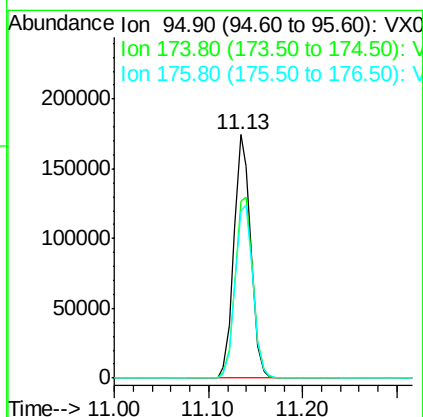
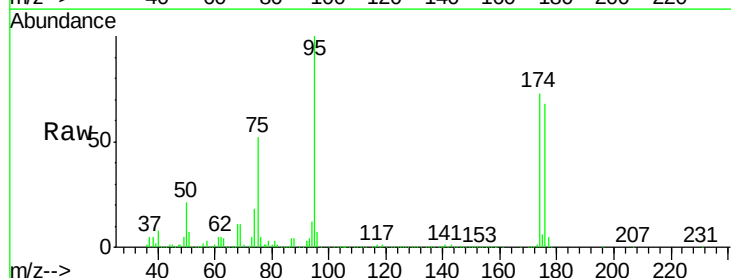
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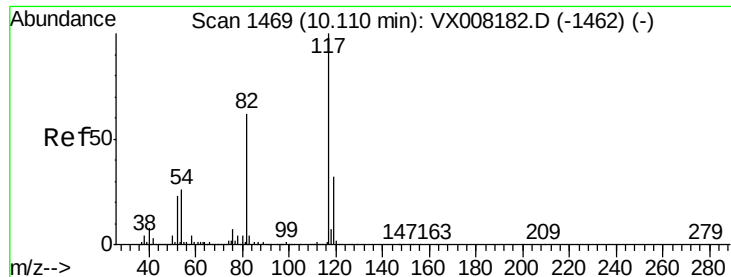
Tot Ion: 98 Resp: 676238
Ion Ratio Lower Upper
98 100
100 62.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.234 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008203.D
Acq: 19 Mar 2019 20:34

Tgt Ion: 95 Resp: 215680
Ion Ratio Lower Upper
95 100
174 78.3 0.0 182.8
176 74.9 0.0 178.0

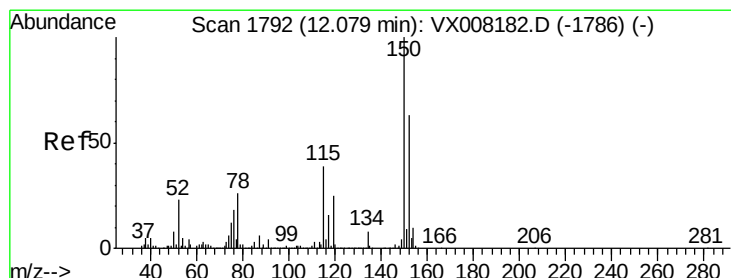
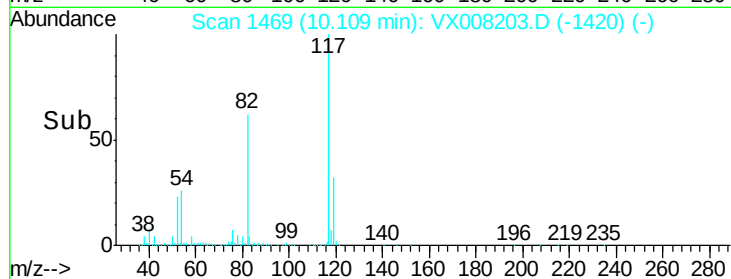
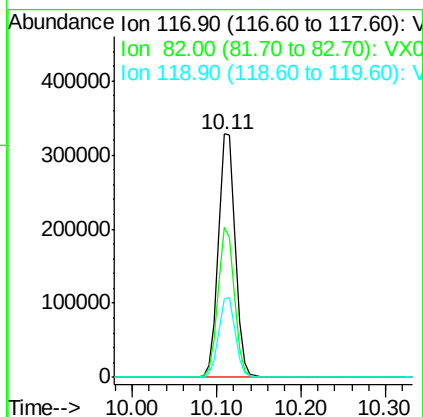
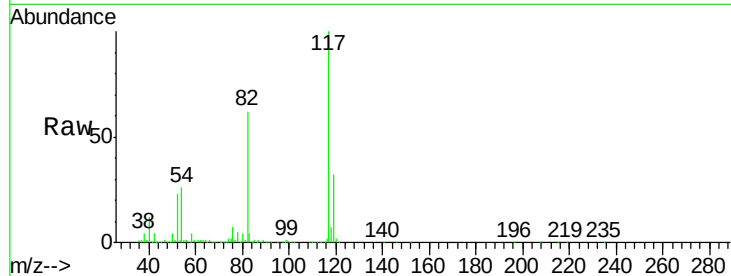




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008203.D
Acq: 19 Mar 2019 20:34

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW305S-20190312

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



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008203.D
Acq: 19 Mar 2019 20:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	38.6	115.7
150	155.9	0.0	348.4

