

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008214.D
 Acq On : 20 Mar 2019 01:57
 Operator : JC/SP
 Sample : K1882-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW304S-20190312

Quant Time: Mar 20 10:21:09 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	331626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	536652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	180110	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	229458	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
35) Dibromofluoromethane	5.50	113	169054	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
50) Toluene-d8	8.71	98	660856	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	207729	44.29	ug/l	0.00
Spiked Amount			Recovery	=	88.58%	

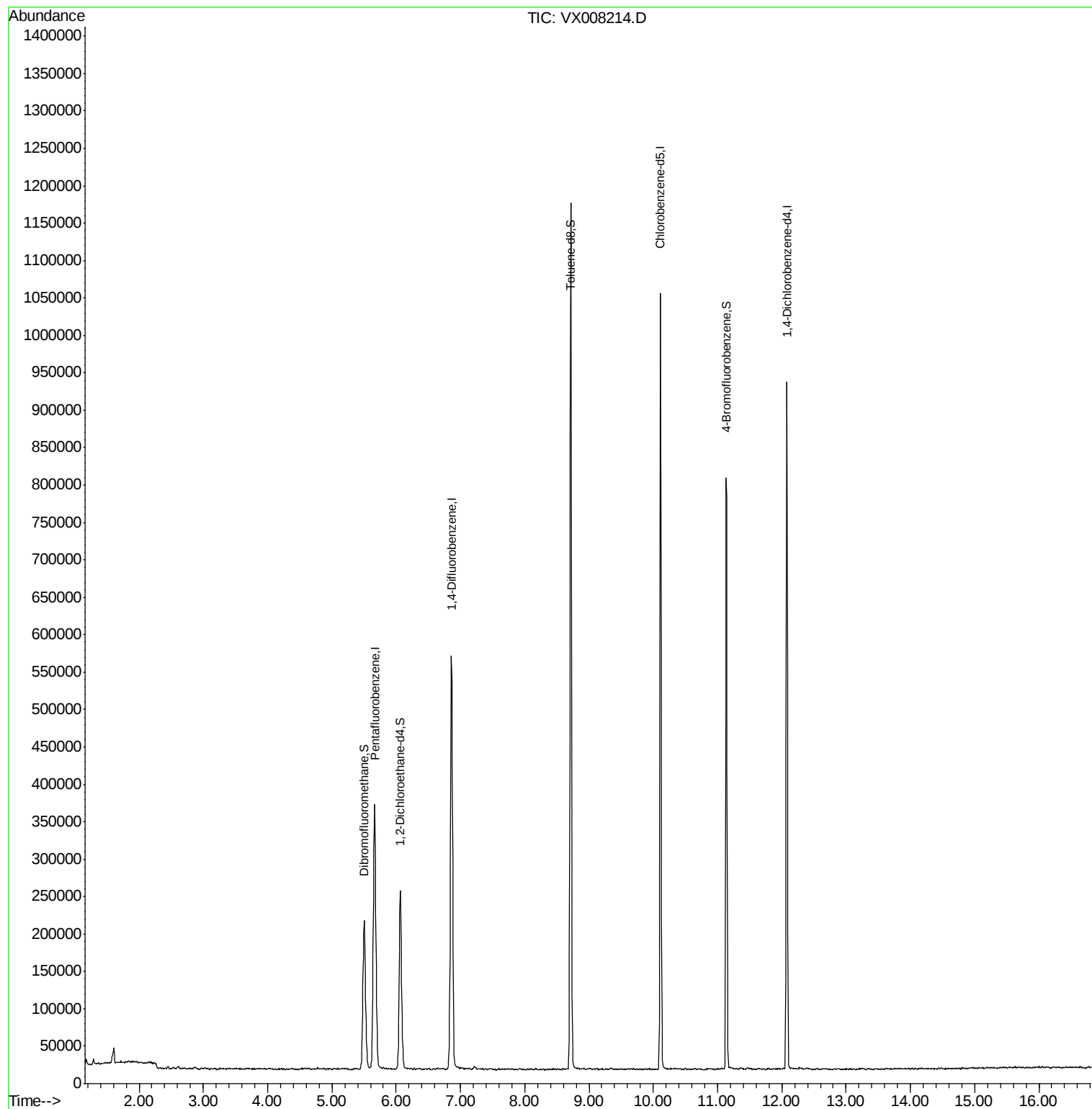
Target Compounds	Qvalue
------------------	--------

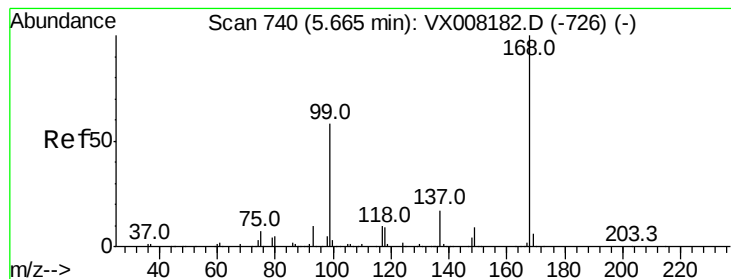
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\
Data File : VX008214.D
Acq On : 20 Mar 2019 01:57
Operator : JC/SP
Sample : K1882-07
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-20190312

Quant Time: Mar 20 10:21:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008214.D

Acq: 20 Mar 2019 01:57

Instrument :

MSVOA_X

ClientSampleId :

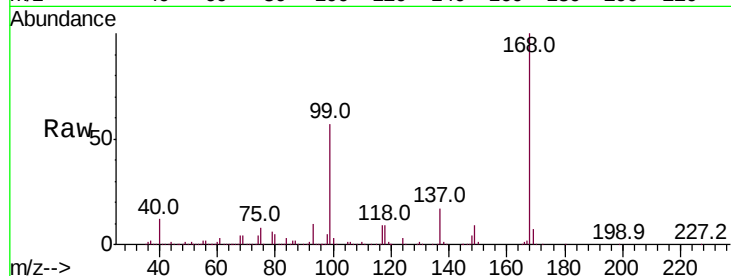
BPS1-TT-MW304S-20190312

Tot Ion:168 Resp: 331626

Ion Ratio Lower Upper

168 100

99 56.9 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

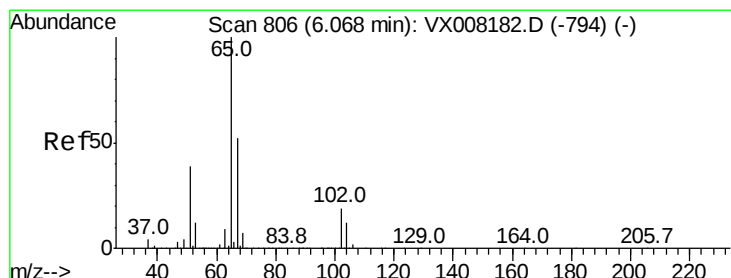
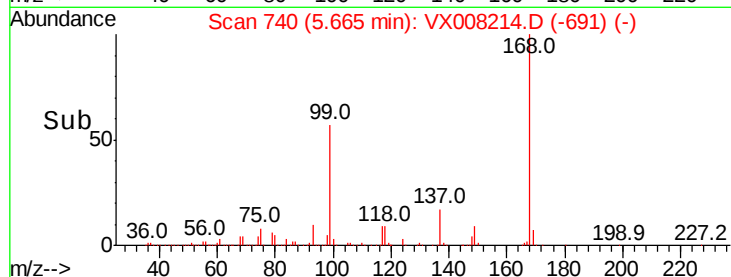
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 45.941 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008214.D

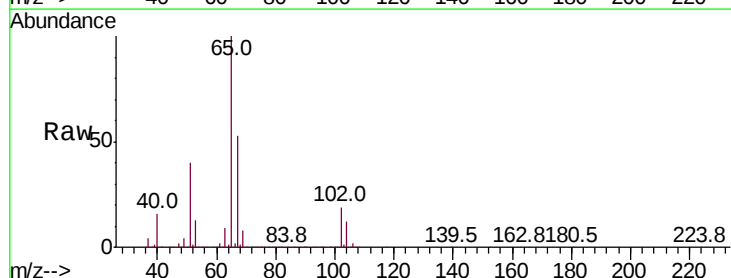
Acq: 20 Mar 2019 01:57

Tgt Ion: 65 Resp: 229458

Ion Ratio Lower Upper

65 100

67 52.9 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

100000

80000

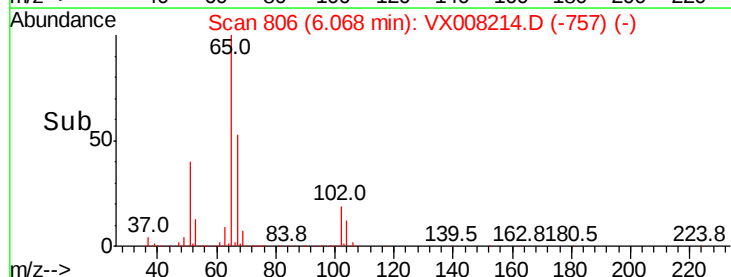
60000

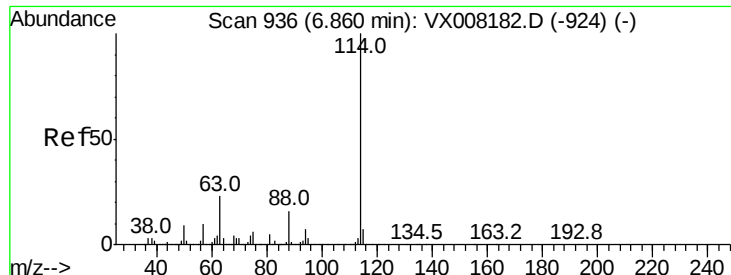
40000

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: VX008214.D

Acq: 20 Mar 2019 01:57

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW304S-20190312

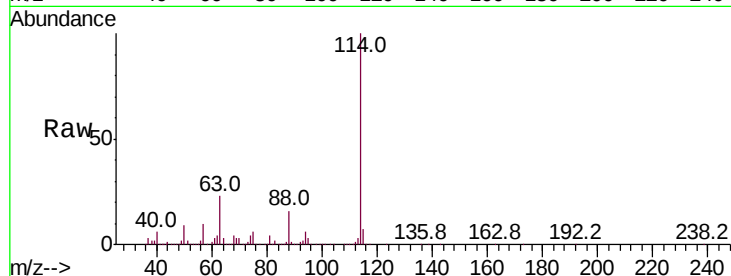
Tot Ion:114 Resp: 536652

Ion Ratio Lower Upper

114 100

63 23.2 0.0 39.8

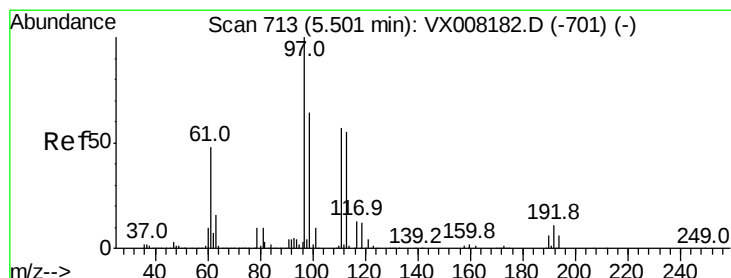
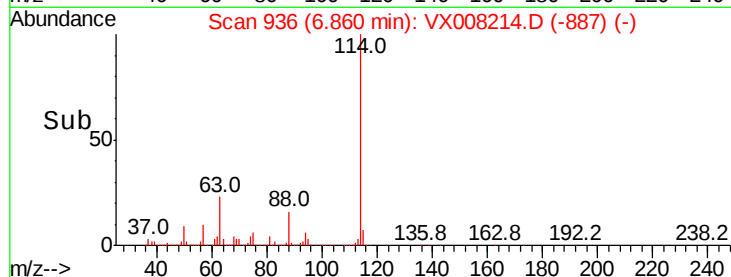
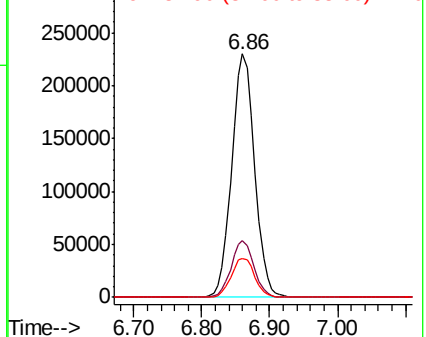
88 16.1 0.0 31.4



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: 47.057 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008214.D

Acq: 20 Mar 2019 01:57

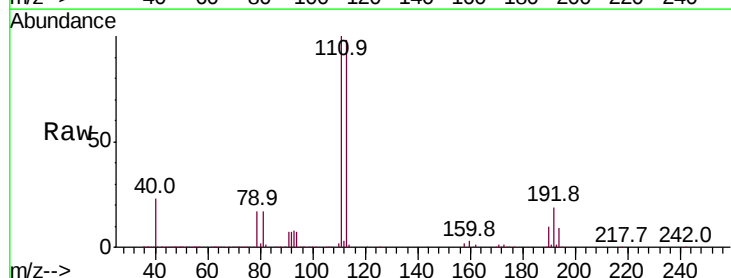
Tgt Ion:113 Resp: 169054

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

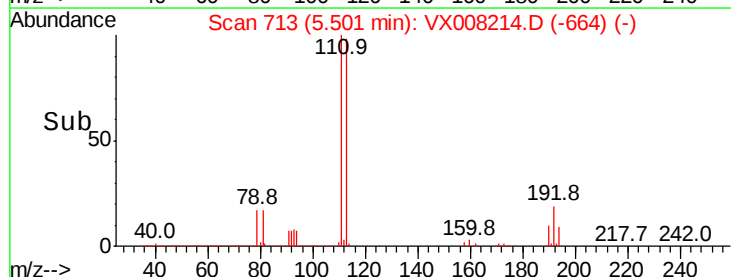
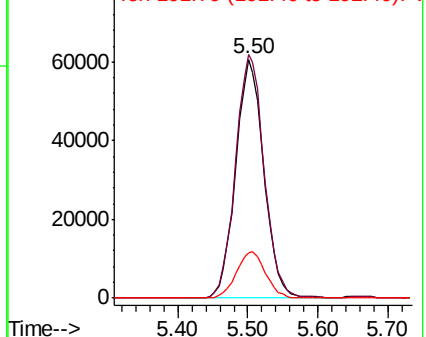
192 20.2 19.4 29.0

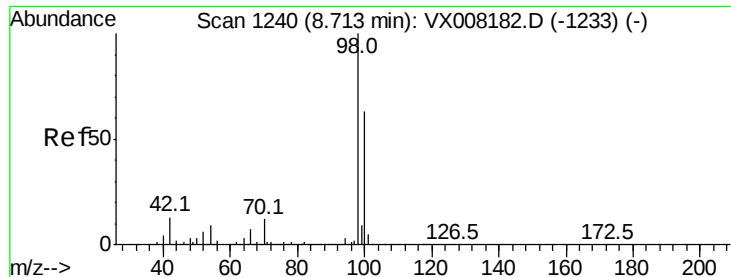


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.519 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008214.D

Acq: 20 Mar 2019 01:57

Instrument :

MSVOA_X

ClientSampleId :

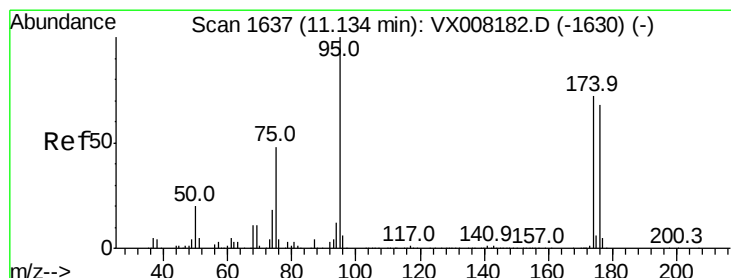
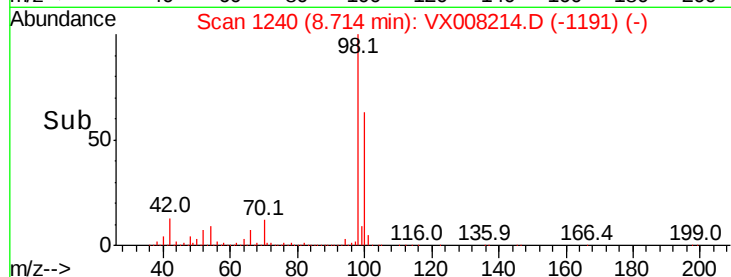
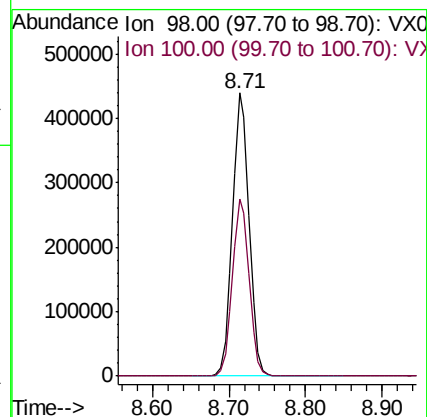
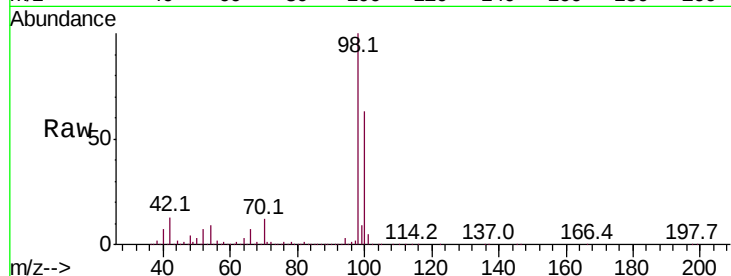
BPS1-TT-MW304S-20190312

Tot Ion: 98 Resp: 660856

Ion Ratio Lower Upper

98 100

100 62.9 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 44.294 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008214.D

Acq: 20 Mar 2019 01:57

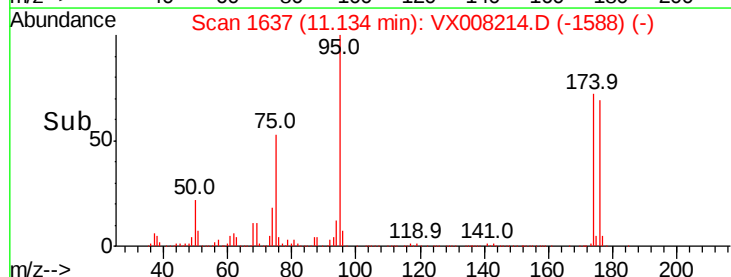
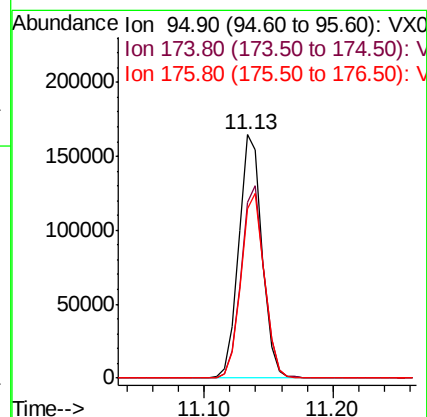
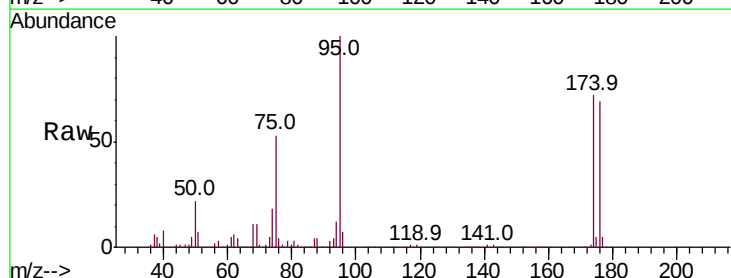
Tgt Ion: 95 Resp: 207729

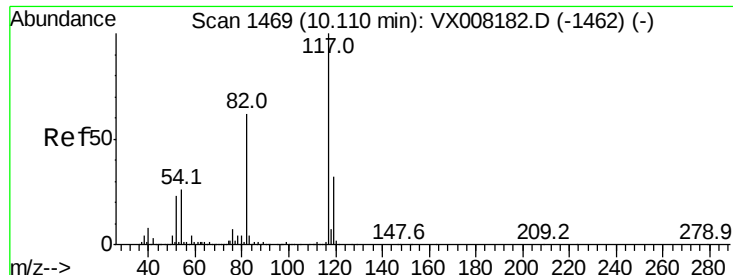
Ion Ratio Lower Upper

95 100

174 78.6 0.0 182.8

176 76.3 0.0 178.0

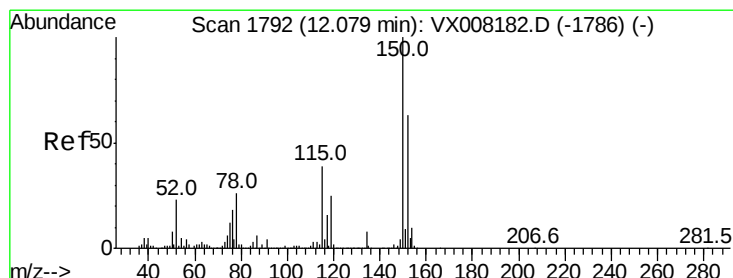
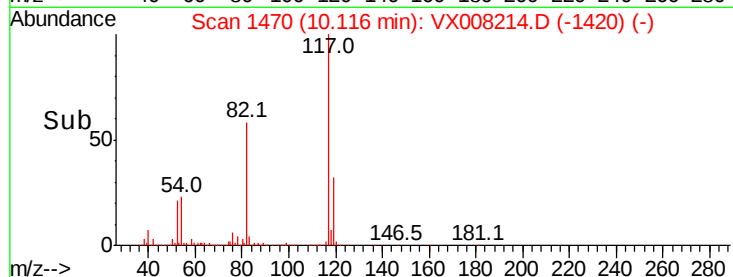
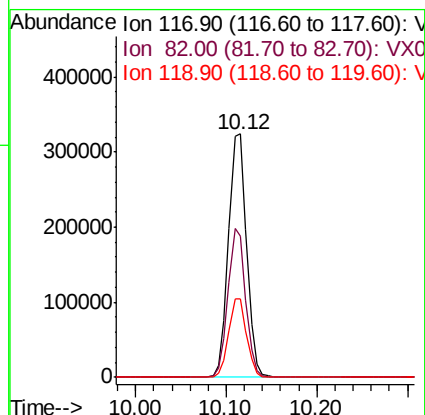
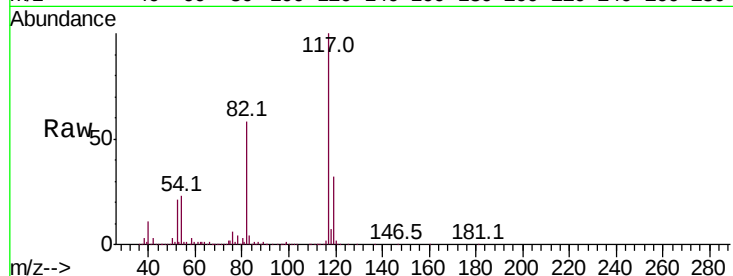




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008214.D
Acq: 20 Mar 2019 01:57

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW304S-20190312

Tot Ion:117 Resp: 451183
Ion Ratio Lower Upper
117 100
82 58.1 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: VX008214.D
Acq: 20 Mar 2019 01:57

Tgt Ion:152 Resp: 180110
Ion Ratio Lower Upper
152 100
115 59.7 38.6 115.7
150 155.8 0.0 348.4

