

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
 Data File : VX008235.D
 Acq On : 20 Mar 2019 12:21
 Operator : JC/SP
 Sample : K1882-02DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW305D-20190312DL

Quant Time: Mar 22 06:39:53 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

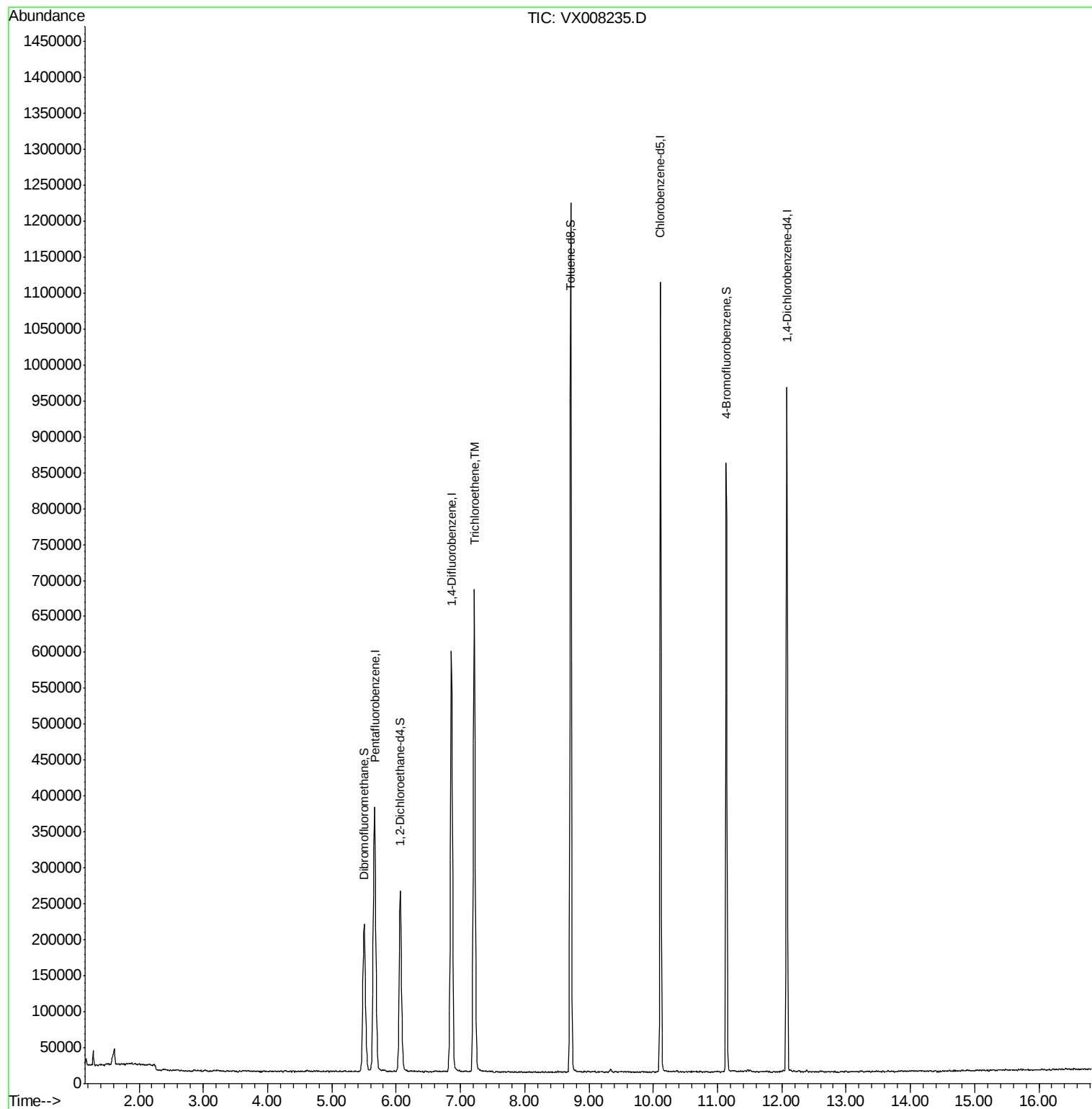
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	344003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	565544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	475604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191643	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	240000	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
35) Dibromofluoromethane	5.50	113	175928	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	8.71	98	691024	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
62) 4-Bromofluorobenzene	11.13	95	221715	44.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.72%	
Target Compounds						
44) Trichloroethene	7.21	130	251048	52.684	ug/l	Qvalue 90

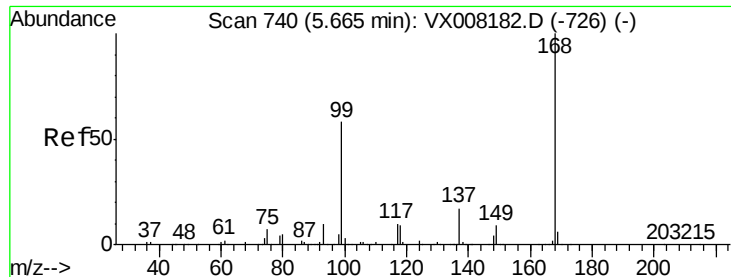
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX008235.D

Acq: 20 Mar 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

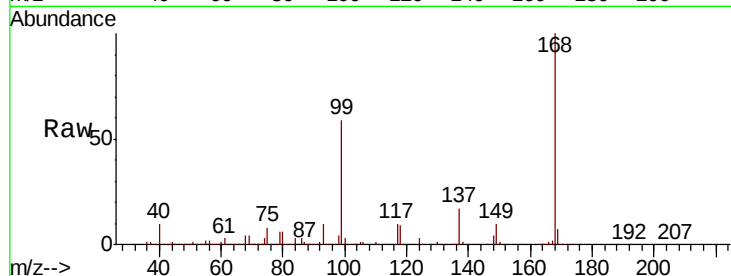
BPS1-TT-MW305D-20190312DL

Tot Ion:168 Resp: 344003

Ion Ratio Lower Upper

168 100

99 59.0 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

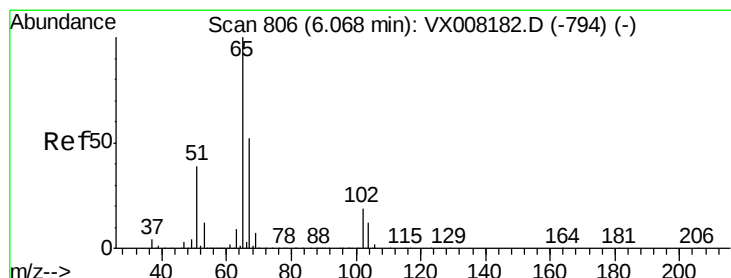
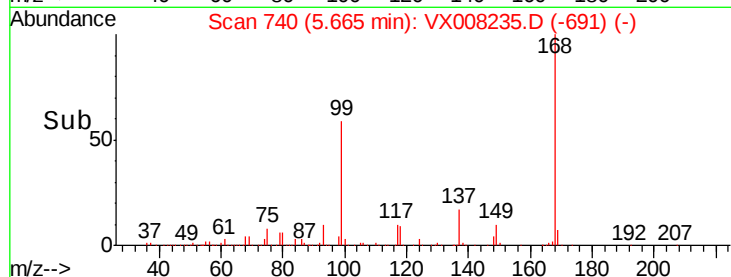
100000

50000

0

Time-->

5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.323 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008235.D

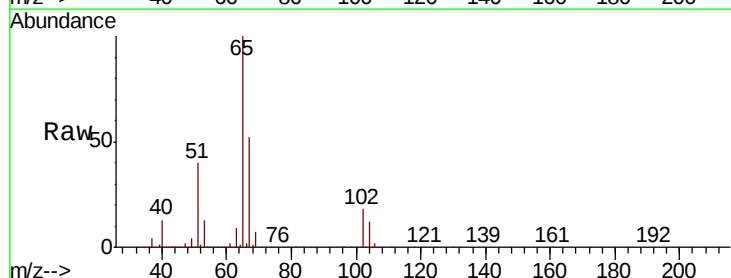
Acq: 20 Mar 2019 12:21

Tgt Ion: 65 Resp: 240000

Ion Ratio Lower Upper

65 100

67 53.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

100000

80000

60000

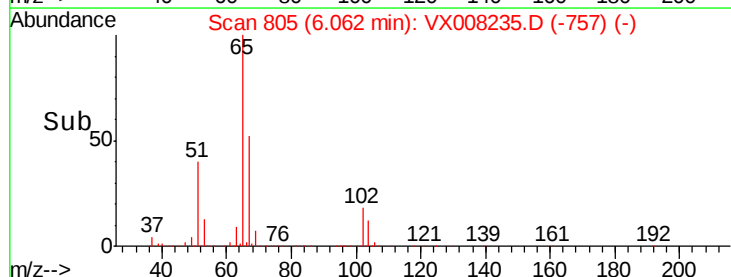
40000

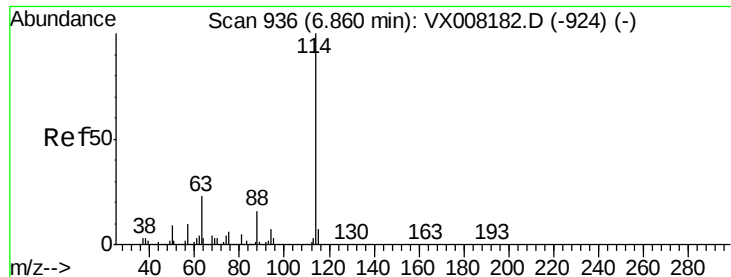
20000

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: VX008235.D

Acq: 20 Mar 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305D-20190312DL

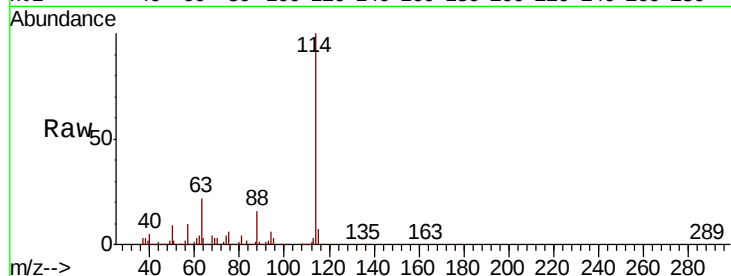
Tot Ion:114 Resp: 565544

Ion Ratio Lower Upper

114 100

63 22.4 0.0 39.8

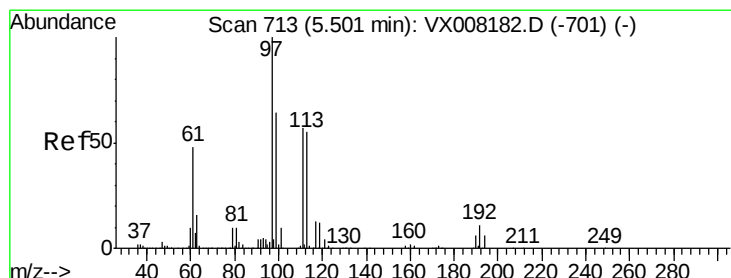
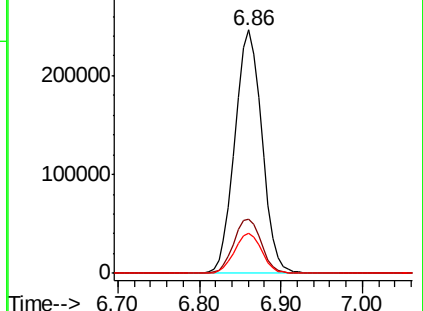
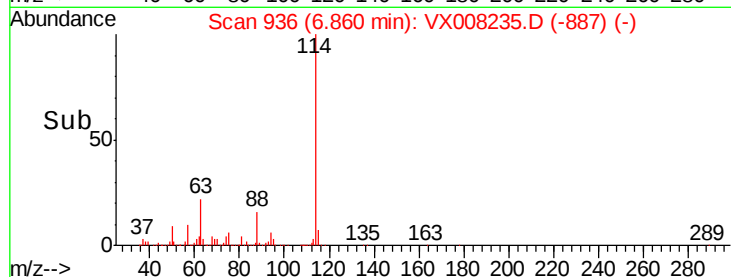
88 16.2 0.0 31.4



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: 46.469 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008235.D

Acq: 20 Mar 2019 12:21

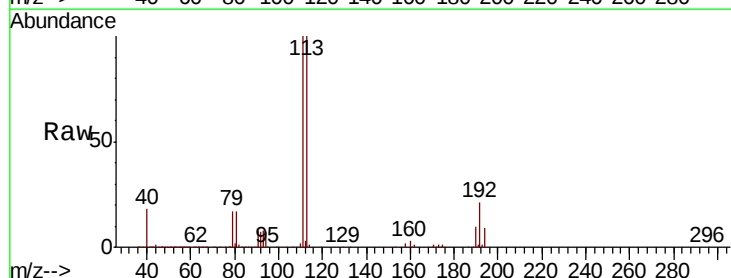
Tgt Ion:113 Resp: 175928

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

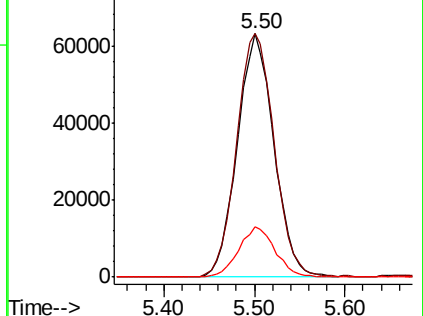
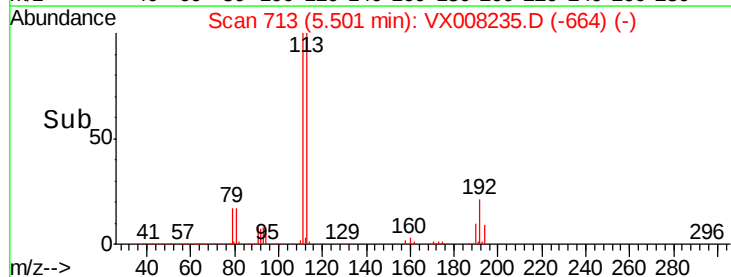
192 20.6 19.4 29.0

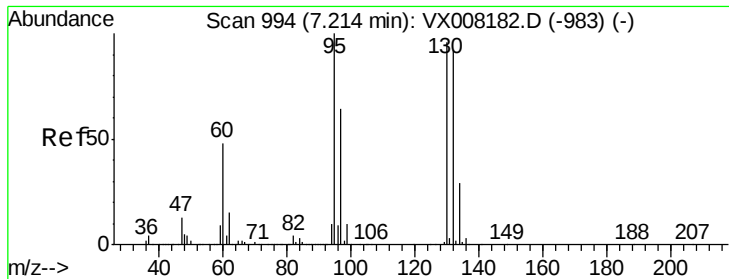


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 52.684 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008235.D

Acq: 20 Mar 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

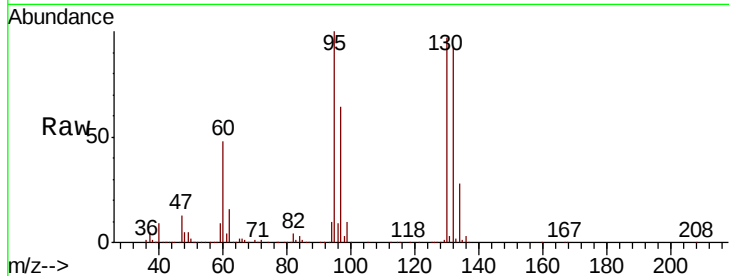
BPS1-TT-MW305D-20190312DL

Tot Ion:130 Resp: 251048

Ion Ratio Lower Upper

130 100

95 103.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

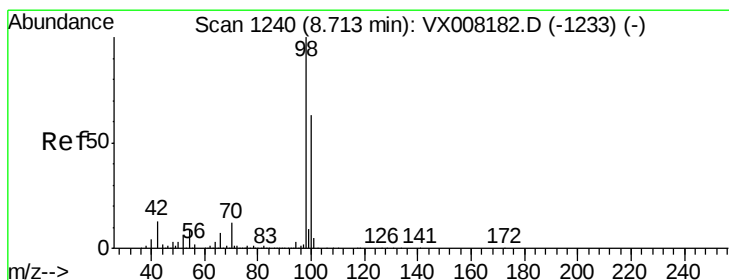
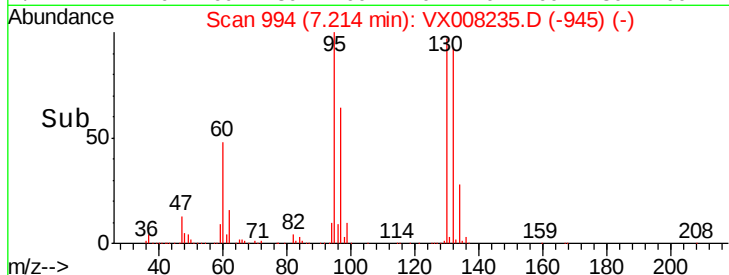
7.21

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 48.142 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008235.D

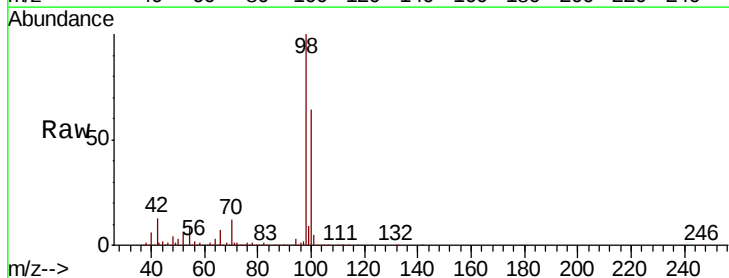
Acq: 20 Mar 2019 12:21

Tgt Ion: 98 Resp: 691024

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

500000

400000

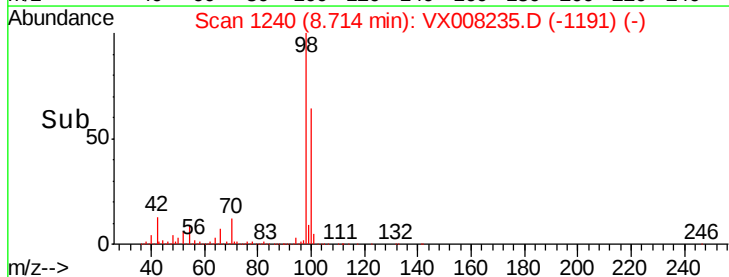
300000

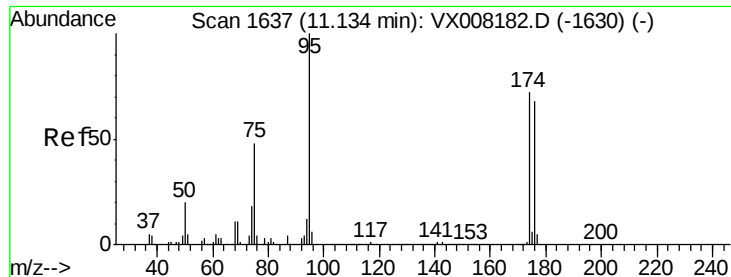
200000

100000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 44.861 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008235.D

Acq: 20 Mar 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305D-20190312DL

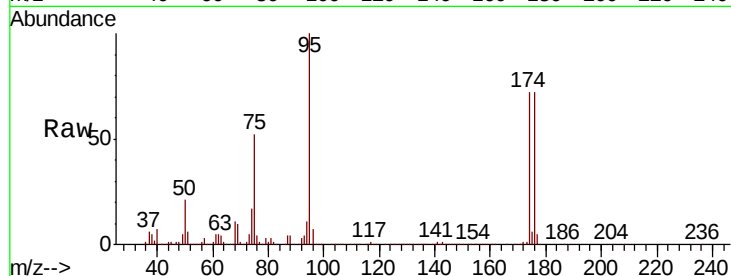
Tot Ion: 95 Resp: 221715

Ion Ratio Lower Upper

95 100

174 77.9 0.0 182.8

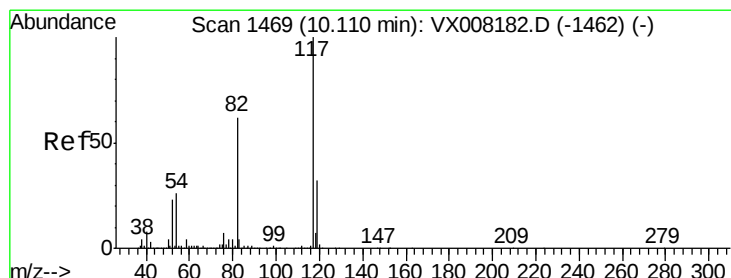
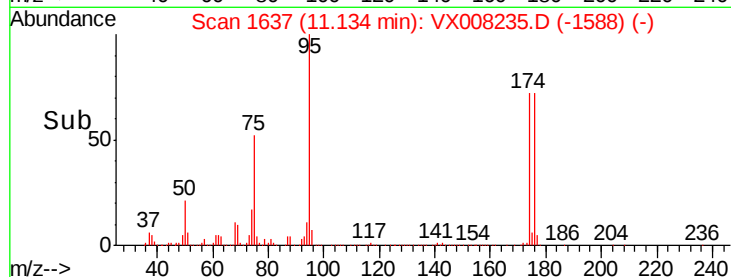
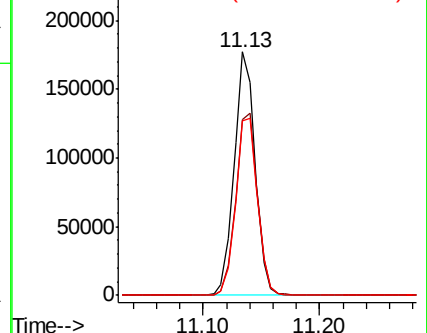
176 76.2 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX008235.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008235.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008235.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008235.D

Acq: 20 Mar 2019 12:21

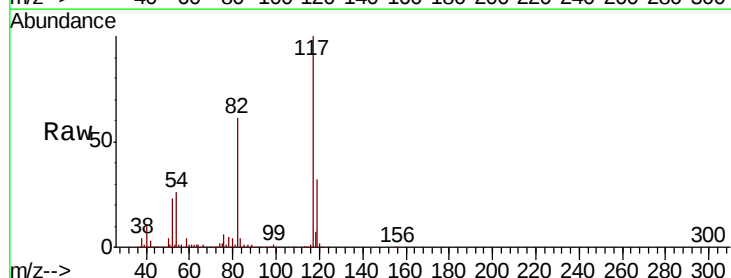
Tgt Ion: 117 Resp: 475604

Ion Ratio Lower Upper

117 100

82 61.0 44.3 66.5

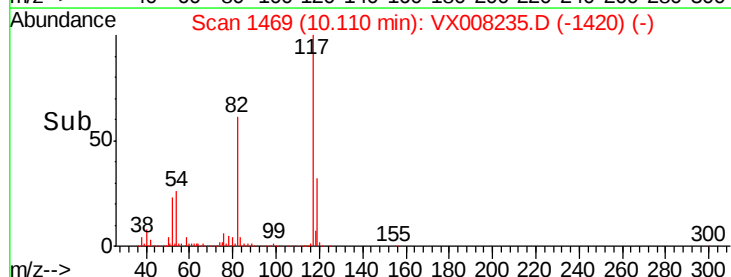
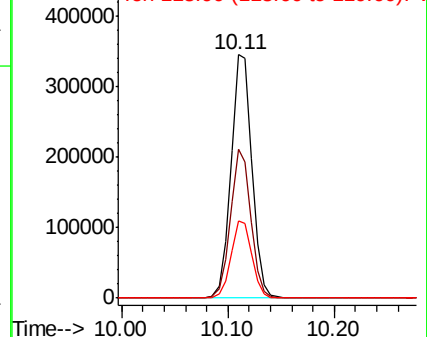
119 31.6 25.3 37.9

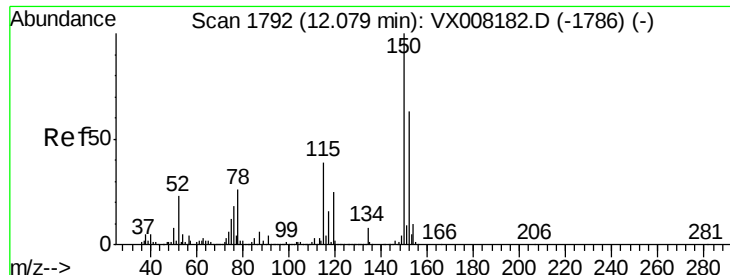


Abundance Ion 116.90 (116.60 to 117.60): VX008235.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008235.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008235.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008235.D

Acq: 20 Mar 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

BPS1-TT-MW305D-20190312DL

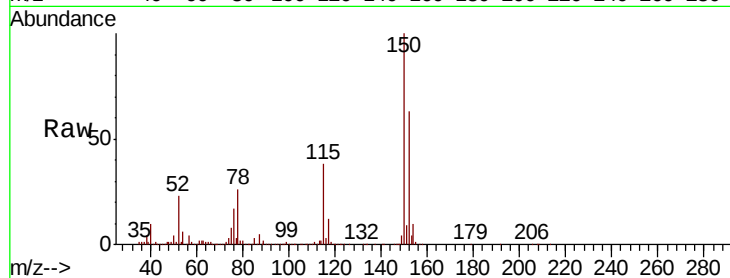
Tot Ion:152 Resp: 191643

Ion Ratio Lower Upper

152 100

115 60.2 38.6 115.7

150 156.6 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

