

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011088.D
 Acq On : 26 Jul 2019 14:15
 Operator : JC/SP
 Sample : K4014-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Jul 27 03:17:44 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

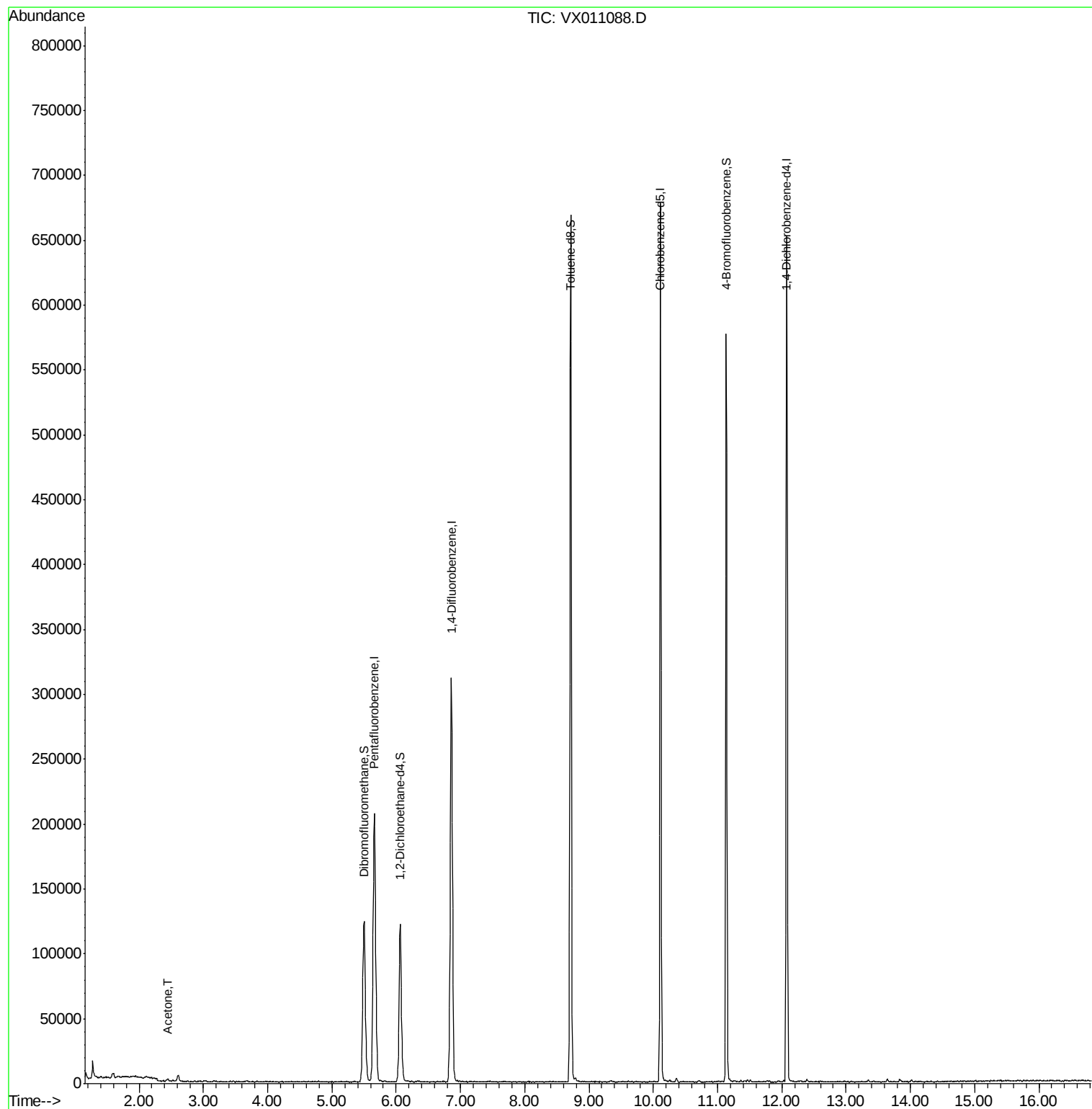
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	333081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	307269	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143352	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113505	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
35) Dibromofluoromethane	5.50	113	104041	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
50) Toluene-d8	8.71	98	398707	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.13	95	139263	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
Target Compounds						
16) Acetone	2.44	43	1857	1.855	ug/l	Qvalue 90

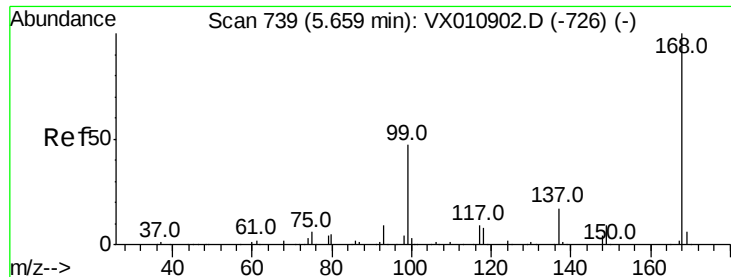
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX011088.D

Acq: 26 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampled :

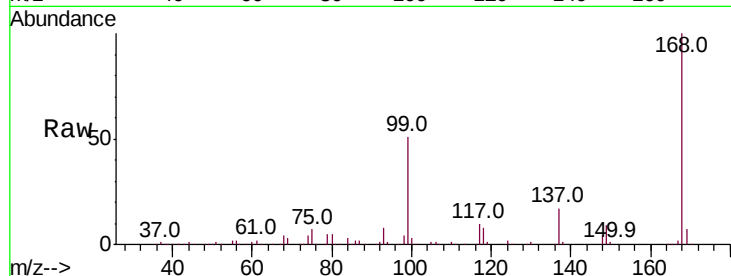
MW-1

Tot Ion:168 Resp: 208345

Ion Ratio Lower Upper

168 100

99 50.7 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

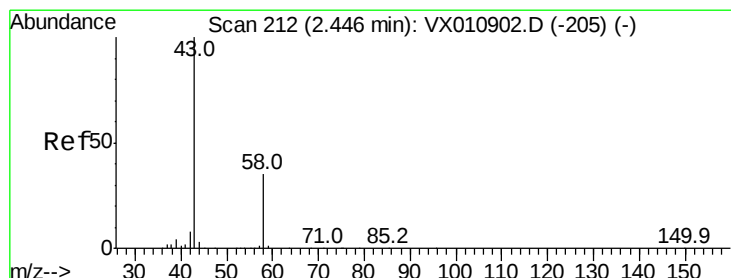
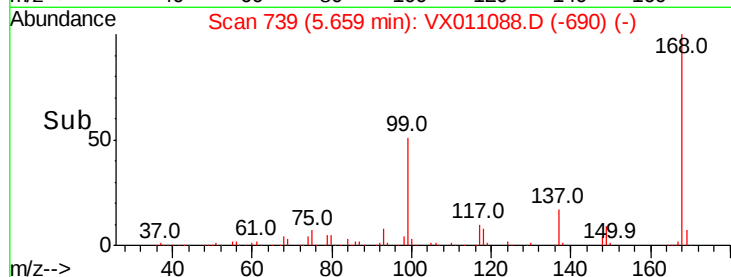
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 1.855 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011088.D

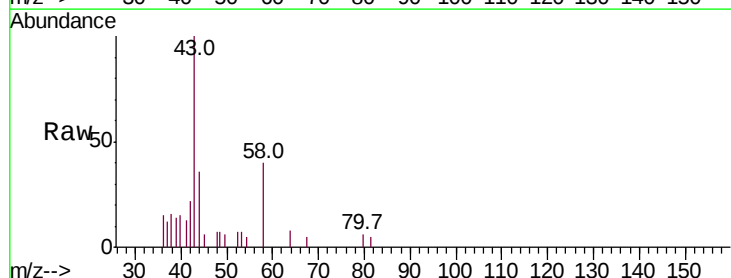
Acq: 26 Jul 2019 14:15

Tgt Ion: 43 Resp: 1857

Ion Ratio Lower Upper

43 100

58 40.4 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

1000

800

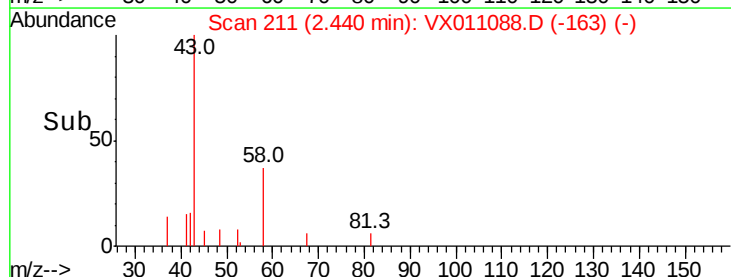
600

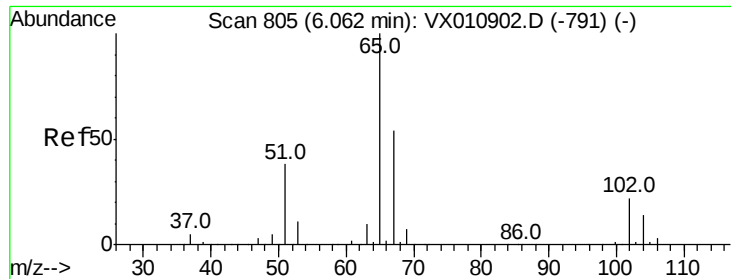
400

200

0

Time--> 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 51.210 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX011088.D

Acq: 26 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

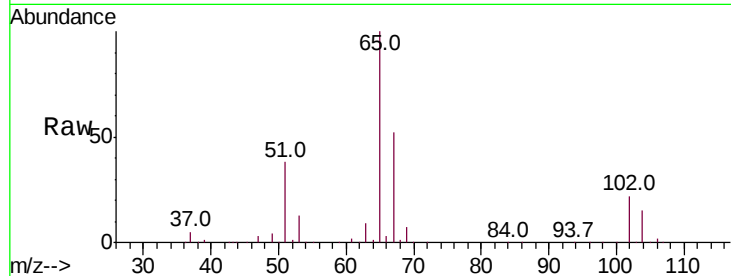
MW-1

Tot Ion: 65 Resp: 113505

Ion Ratio Lower Upper

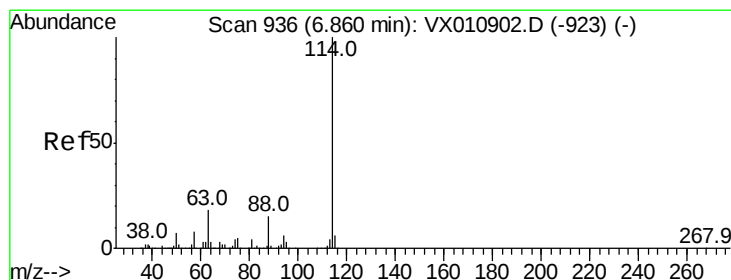
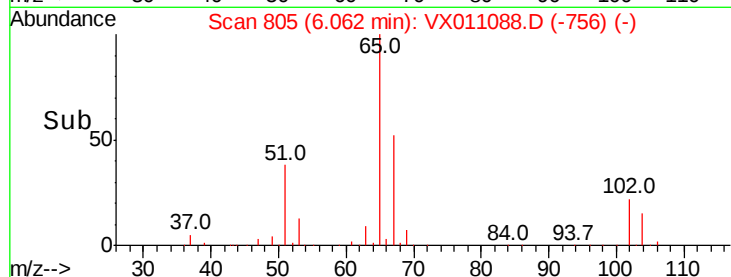
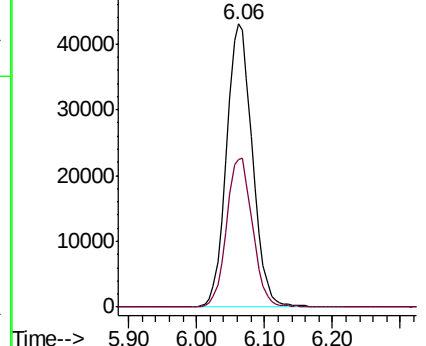
65 100

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: VX011088.D

Acq: 26 Jul 2019 14:15

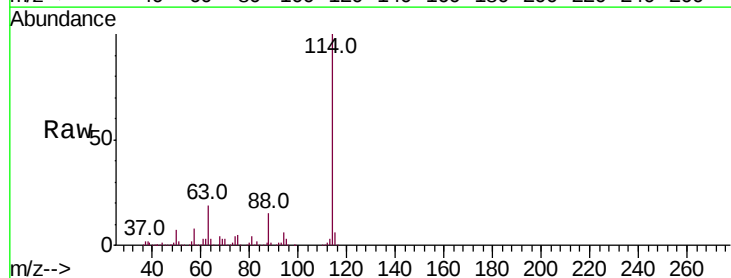
Tgt Ion:114 Resp: 333081

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.6

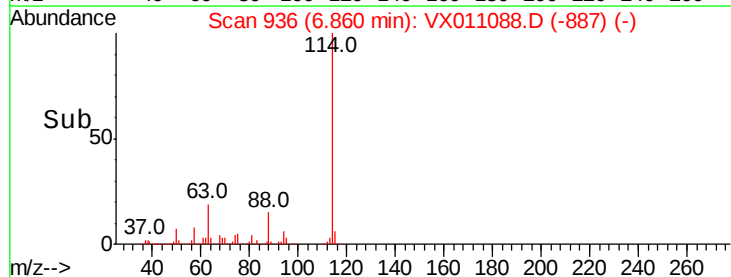
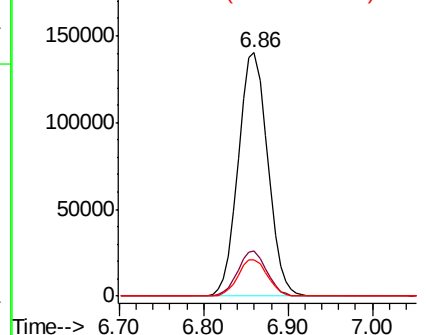
88 15.1 0.0 29.8

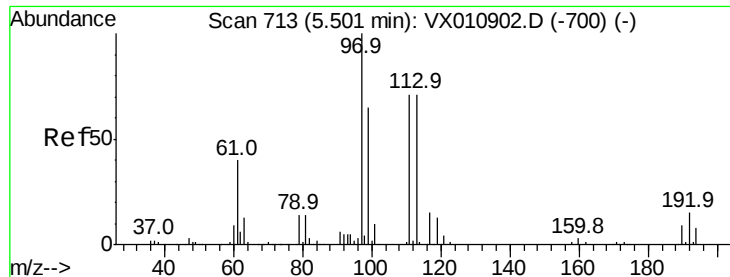


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.212 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011088.D

Acq: 26 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1

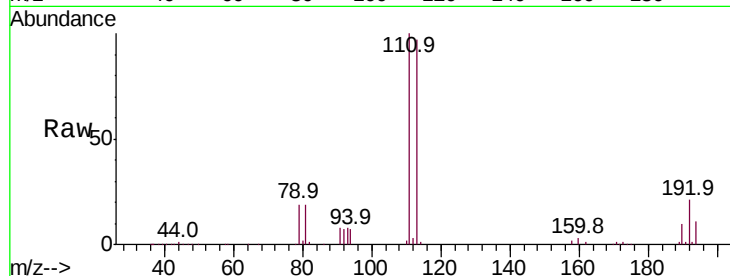
Tot Ion:113 Resp: 104041

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

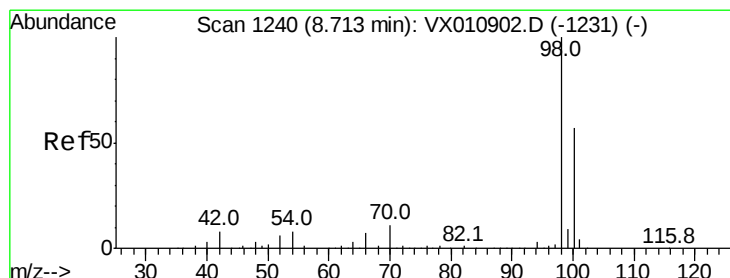
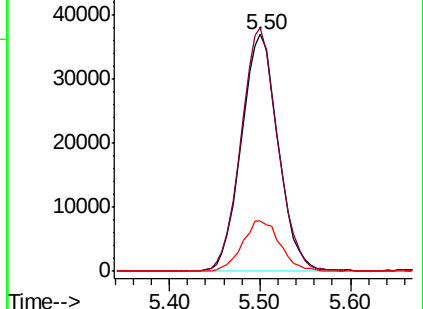
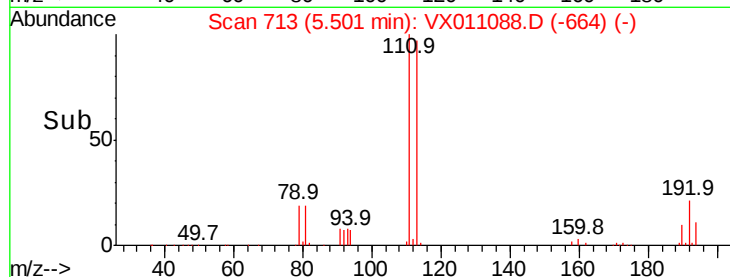
192 22.0 17.4 26.2



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: 50.282 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011088.D

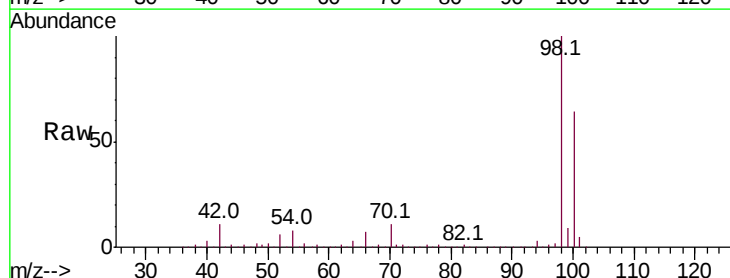
Acq: 26 Jul 2019 14:15

Tgt Ion: 98 Resp: 398707

Ion Ratio Lower Upper

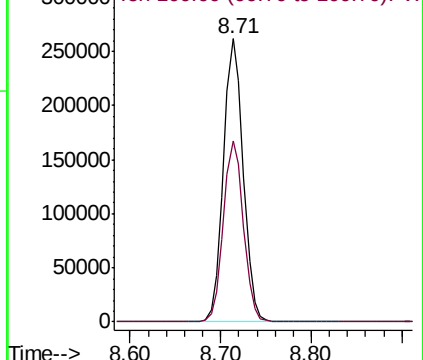
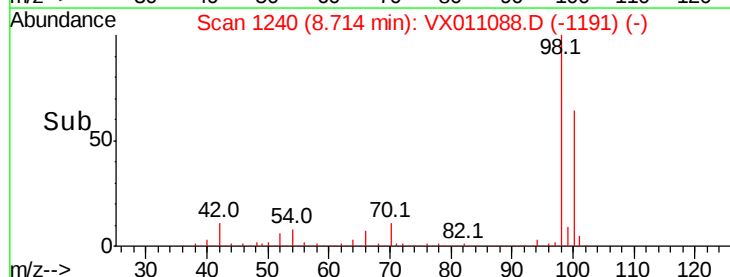
98 100

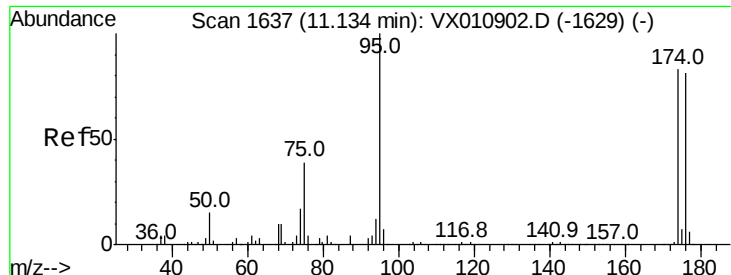
100 64.6 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.781 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011088.D

Acq: 26 Jul 2019 14:15

Instrument :

MSVOA_X

ClientSampleId :

MW-1

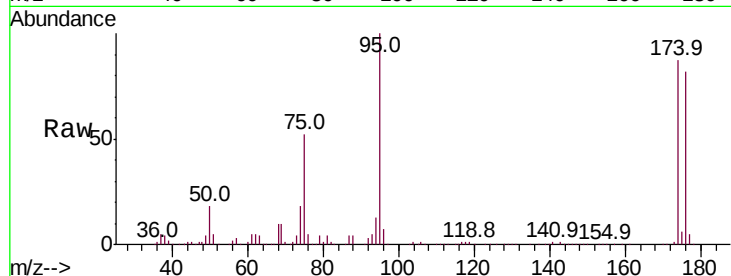
Tot Ion: 95 Resp: 139263

Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.6

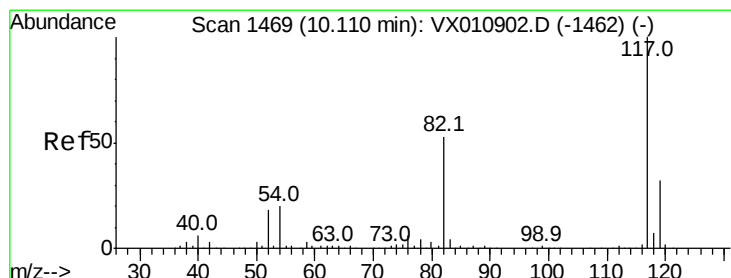
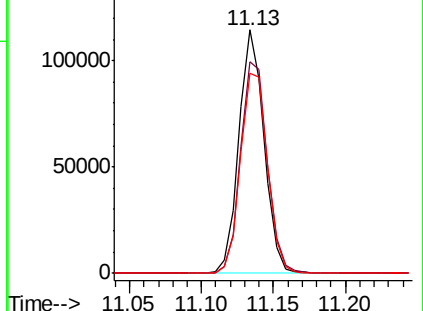
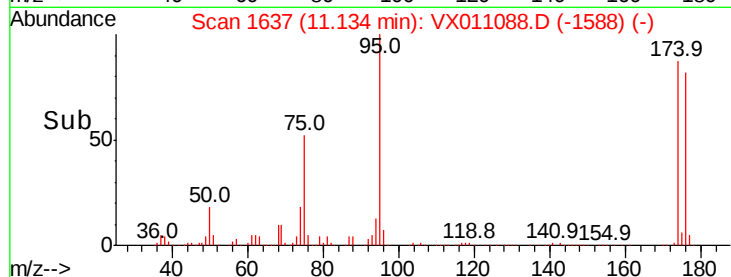
176 88.1 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011088.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011088.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011088.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011088.D

Acq: 26 Jul 2019 14:15

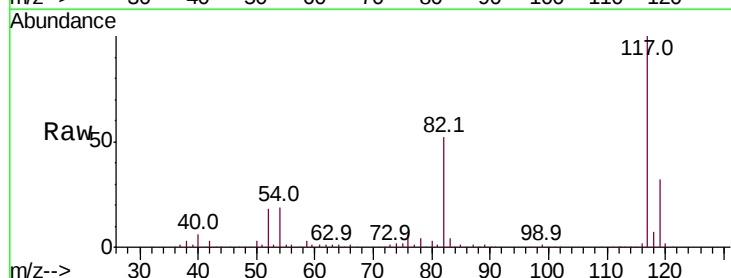
Tgt Ion: 117 Resp: 307269

Ion Ratio Lower Upper

117 100

82 52.5 42.6 63.8

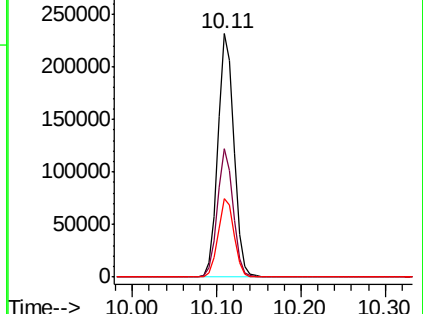
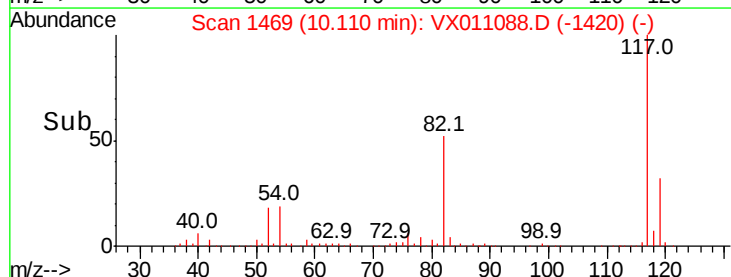
119 32.4 25.9 38.9

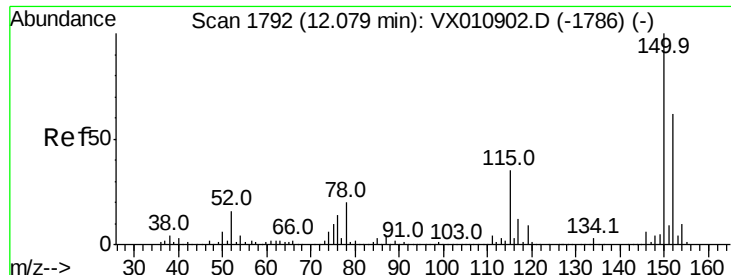


Abundance Ion 116.90 (116.60 to 117.60): VX011088.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011088.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011088.D (-1420) (-)

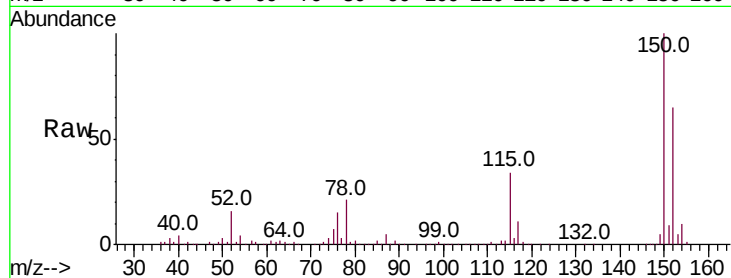




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011088.D
 Acq: 26 Jul 2019 14:15

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.7	119.1
150	155.0	0.0	345.6



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

