

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014544.D
 Acq On : 10 Jan 2020 17:55
 Operator : JC/SP
 Sample : L1080-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jan 11 00:05:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

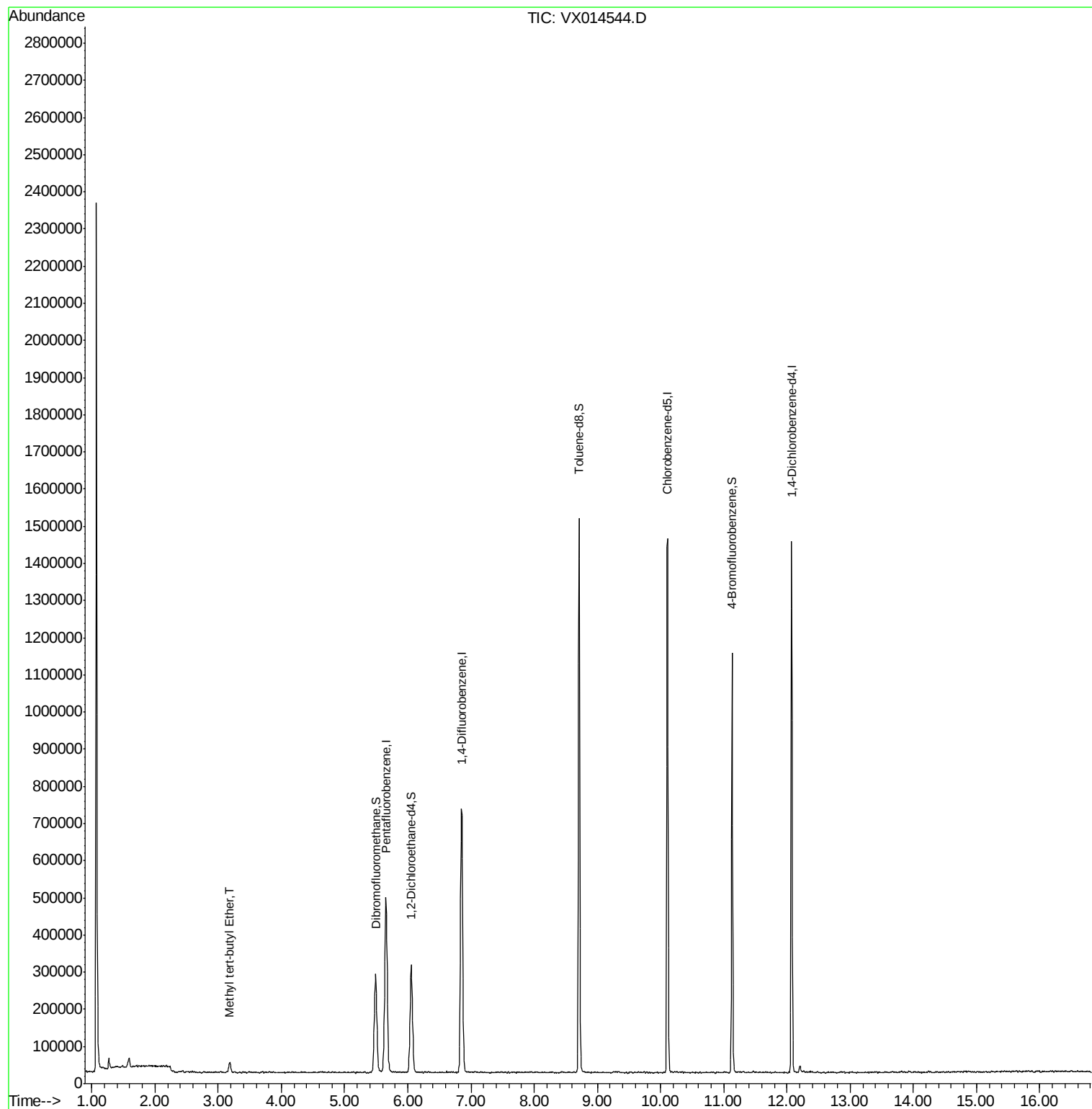
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	482181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	745424	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	677844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307588	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	269412	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.49	113	225080	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	8.71	98	883071	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
62) 4-Bromofluorobenzene	11.13	95	303324	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
Target Compounds						
19) Methyl tert-butyl Ether	3.18	73	33757	2.208	ug/l	Qvalue 96

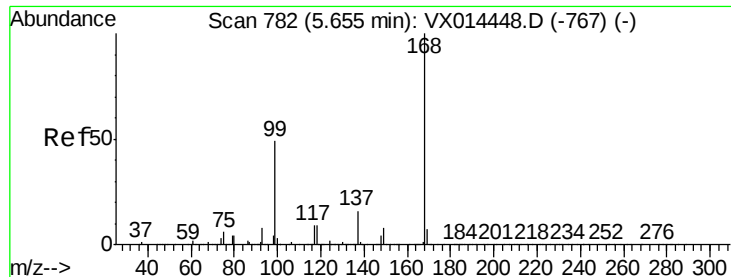
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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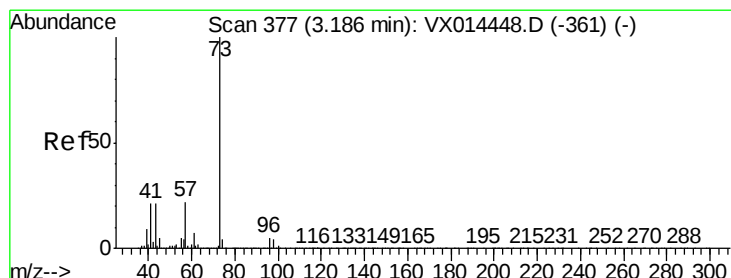
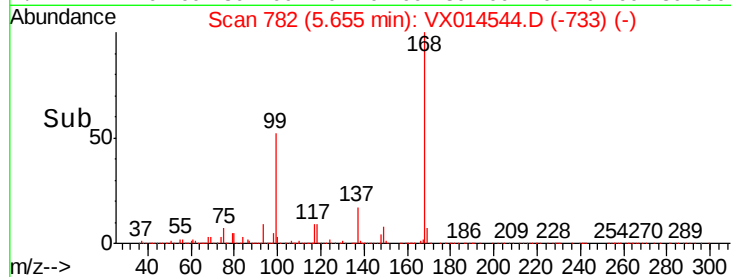
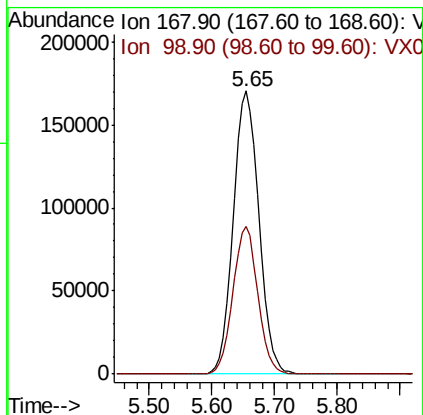
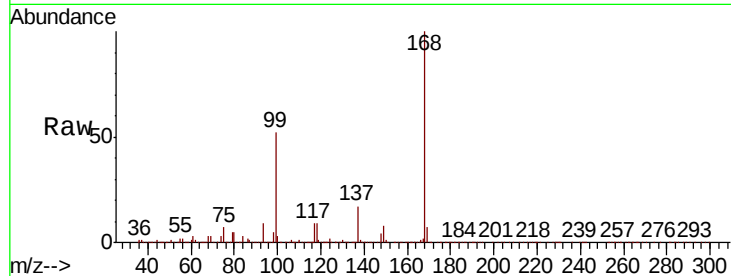


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX014544.D
 Acq: 10 Jan 2020 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

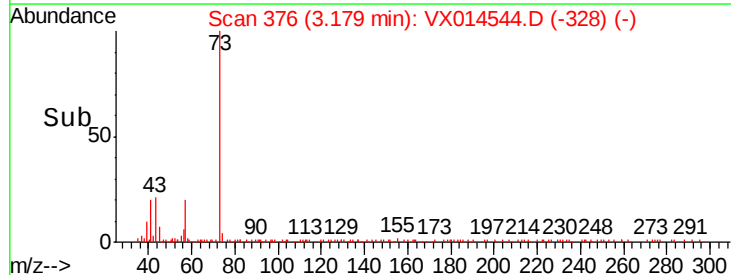
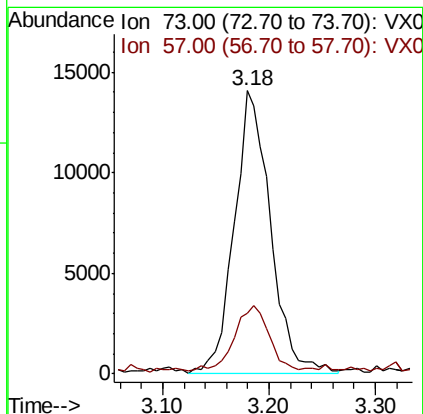
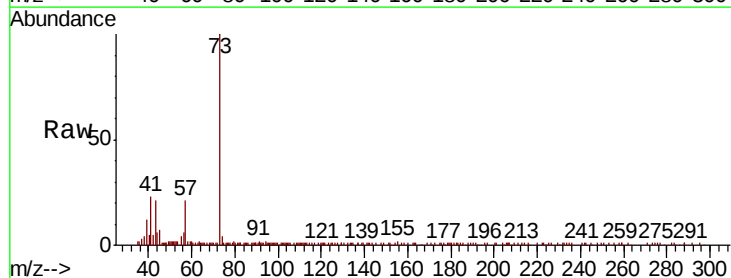
Tot Ion:168 Resp: 482181
 Ion Ratio Lower Upper
 168 100
 99 52.0 39.2 58.8

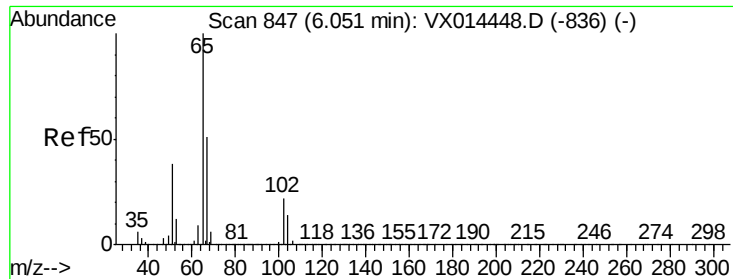


#19

Methyl tert-butyl Ether
 Concen: 2.208 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014544.D
 Acq: 10 Jan 2020 17:55

Tgt Ion: 73 Resp: 33757
 Ion Ratio Lower Upper
 73 100
 57 20.3 17.8 26.8





#33

1,2-Dichloroethane-d4

Concen: 50.051 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014544.D

Acq: 10 Jan 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

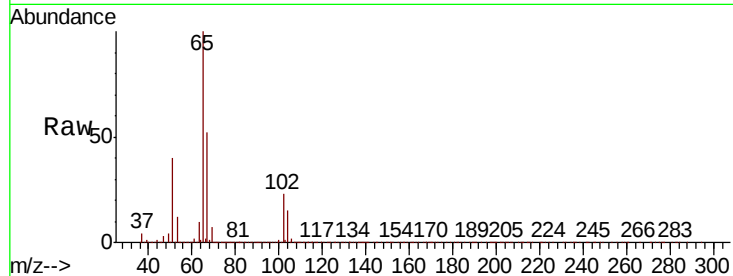
MW-3

Tot Ion: 65 Resp: 269412

Ion Ratio Lower Upper

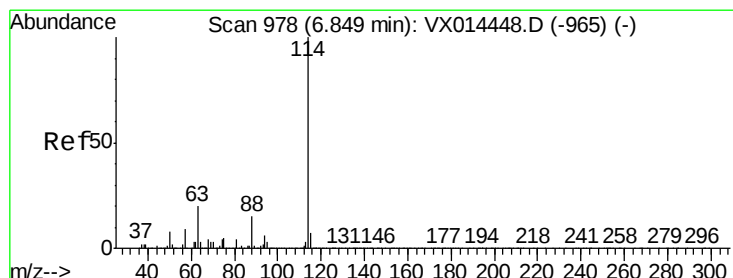
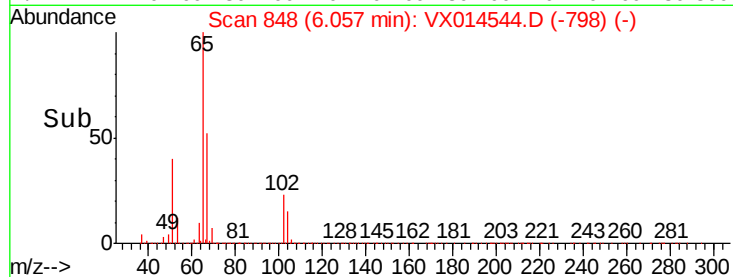
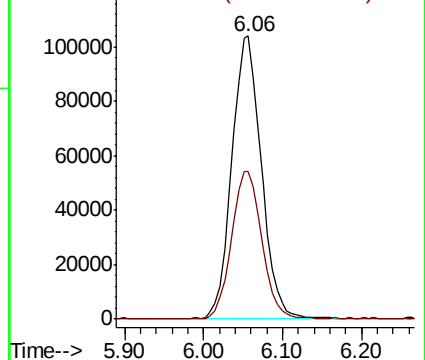
65 100

67 53.3 0.0 106.2



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014544.D

Acq: 10 Jan 2020 17:55

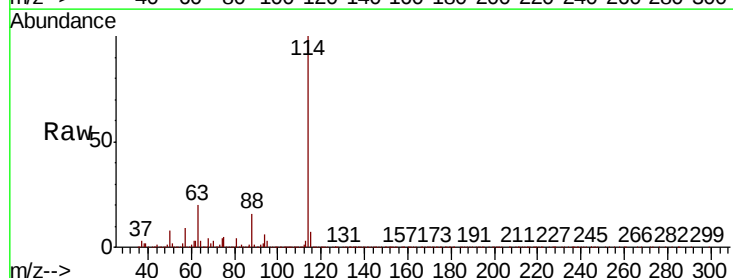
Tgt Ion: 114 Resp: 745424

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

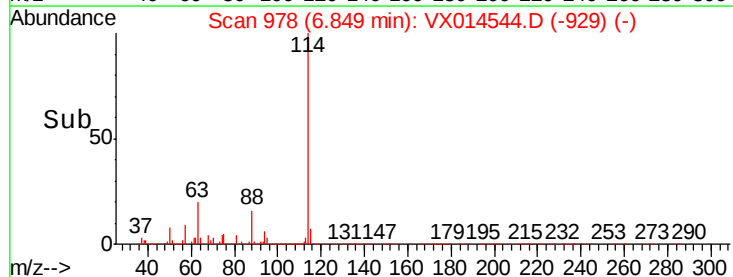
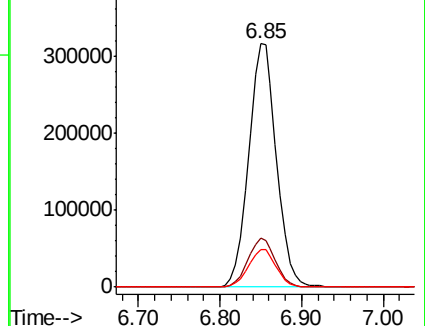
88 15.6 0.0 30.8

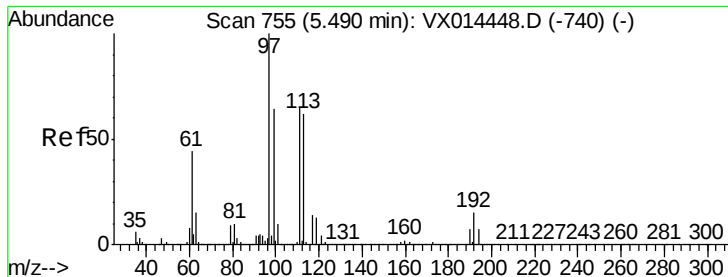


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.881 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014544.D

Acq: 10 Jan 2020 17:55

Instrument :

MSVOA_X

ClientSampled :

MW-3

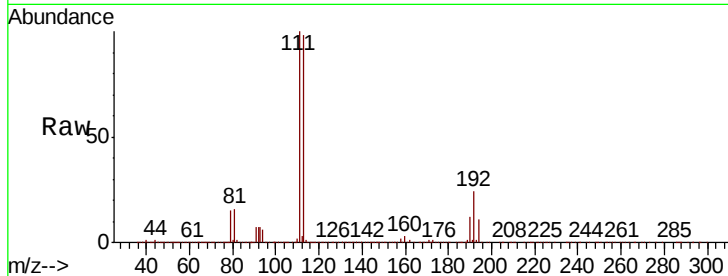
Tot Ion:113 Resp: 225080

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

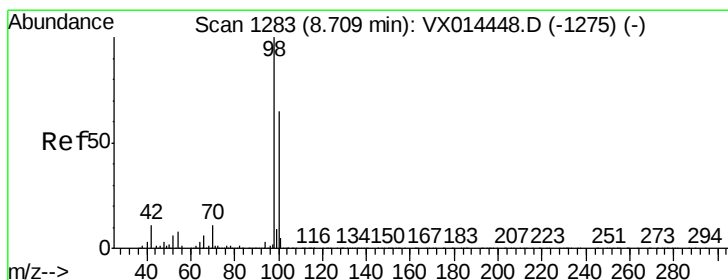
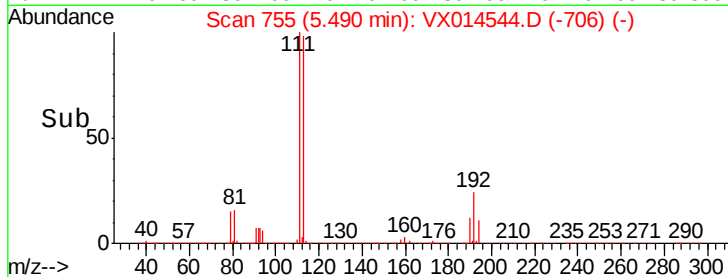
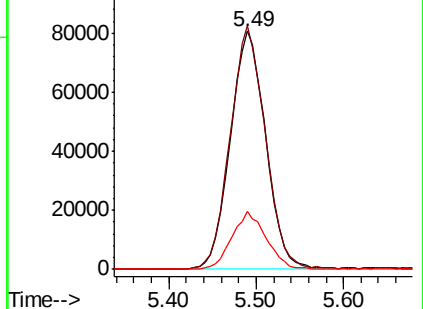
192 23.9 19.2 28.8



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: 50.429 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014544.D

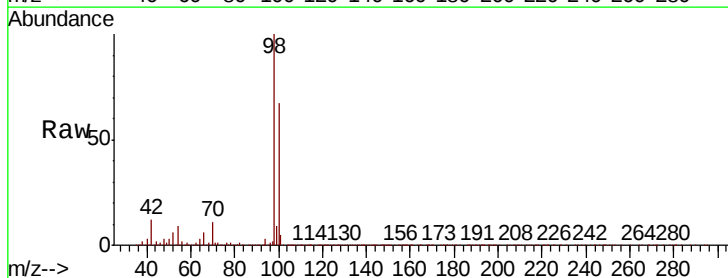
Acq: 10 Jan 2020 17:55

Tgt Ion: 98 Resp: 883071

Ion Ratio Lower Upper

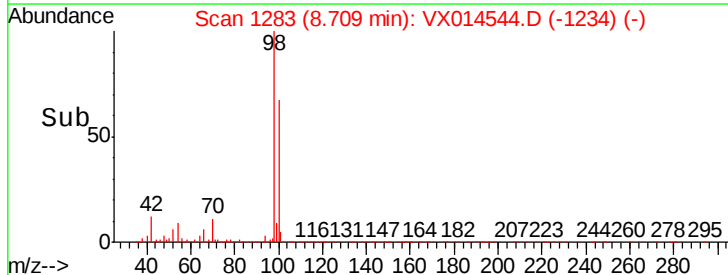
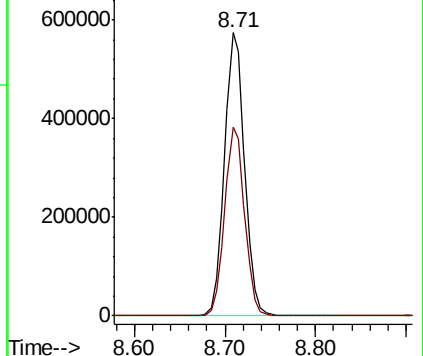
98 100

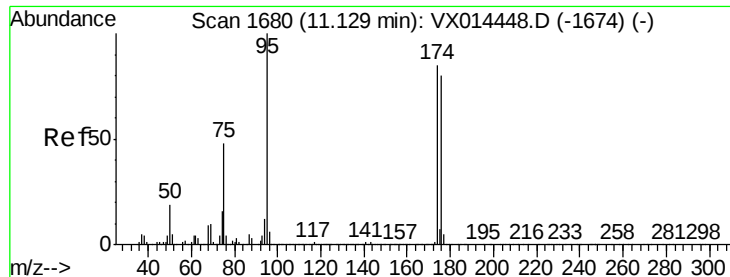
100 66.3 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 47.184 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014544.D

Acq: 10 Jan 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

MW-3

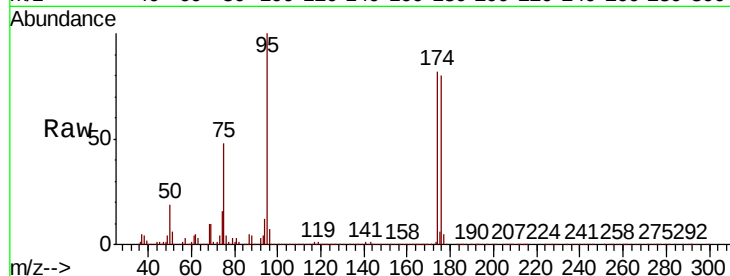
Tot Ion: 95 Resp: 303324

Ion Ratio Lower Upper

95 100

174 90.5 0.0 180.8

176 87.5 0.0 172.8



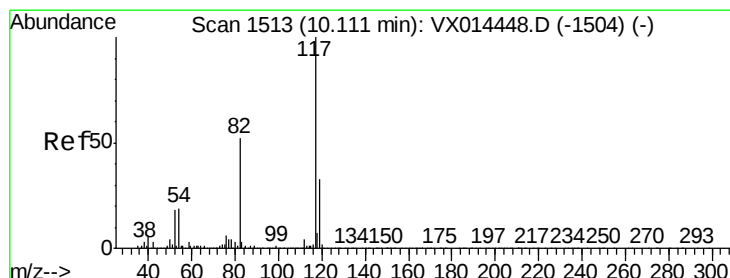
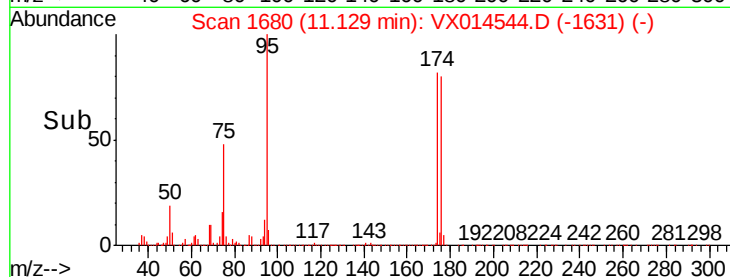
Abundance Ion 94.90 (94.60 to 95.60): VX014448.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX014448.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX014448.D (-1674) (-)

11.13

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX014544.D

Acq: 10 Jan 2020 17:55

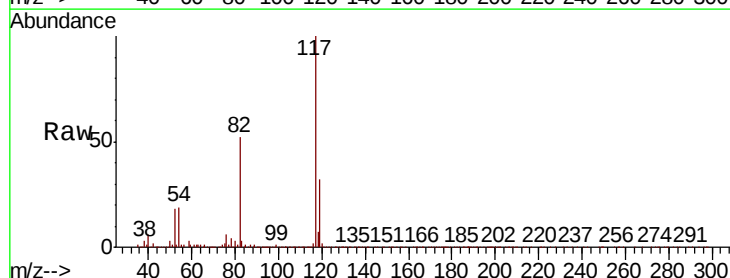
Tgt Ion: 117 Resp: 677844

Ion Ratio Lower Upper

117 100

82 51.8 41.8 62.6

119 32.3 26.2 39.4



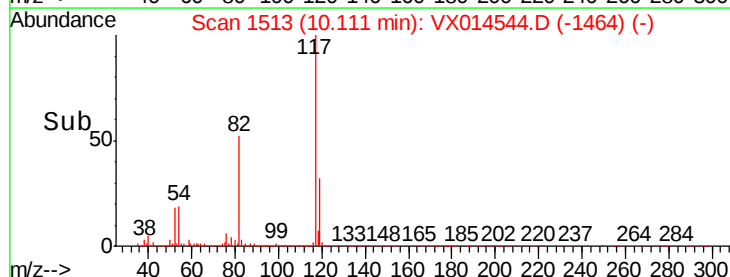
Abundance Ion 116.90 (116.60 to 117.60): VX014448.D (-1504) (-)

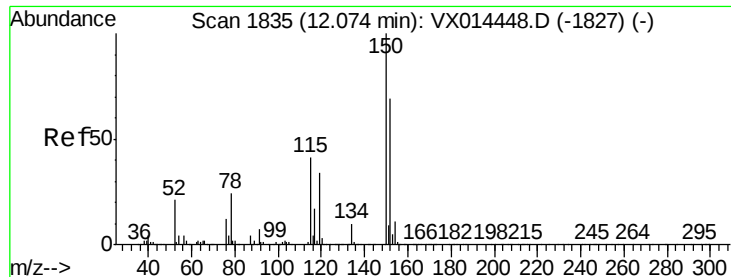
Ion 82.00 (81.70 to 82.70): VX014448.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014448.D (-1504) (-)

10.11

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014544.D

Acq: 10 Jan 2020 17:55

Instrument :

MSVOA_X

ClientSampleId :

MW-3

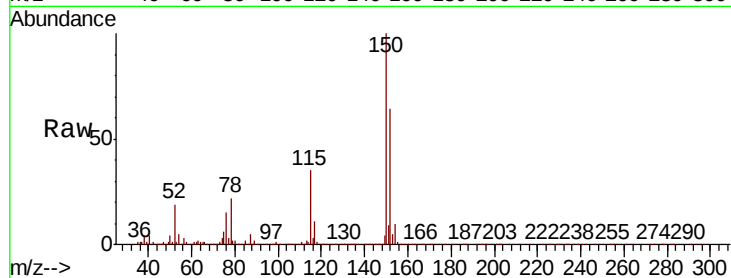
Tot Ion:152 Resp: 307588

Ion Ratio Lower Upper

152 100

115 55.0 39.5 118.3

150 156.8 0.0 350.2



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

