

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
 Data File : VX015553.D
 Acq On : 07 Apr 2020 20:56
 Operator : JC/SP
 Sample : L2151-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-F

Quant Time: Apr 08 04:04:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

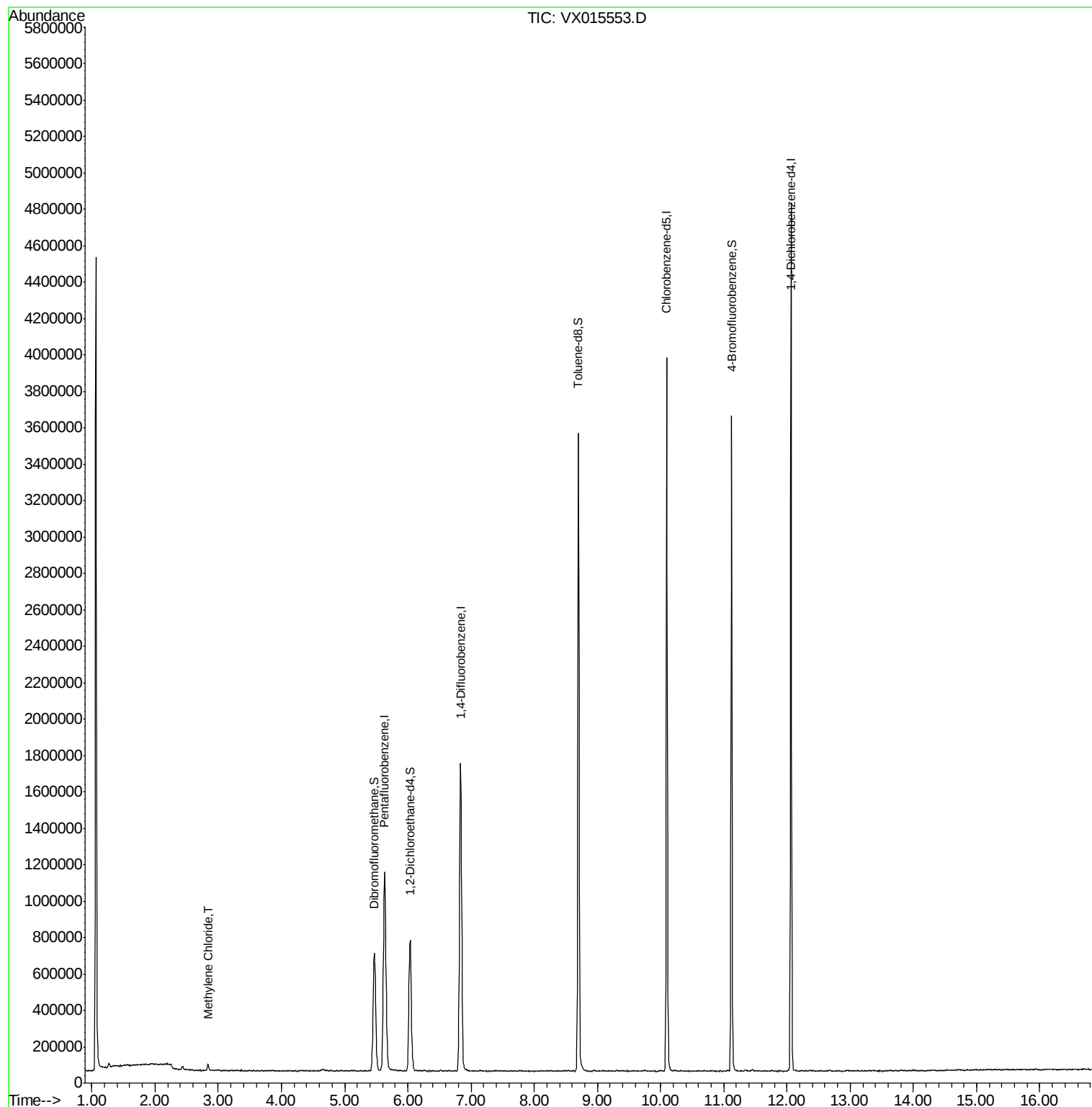
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1102421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1697009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1653478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	931208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	728605	46.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.72%	
35) Dibromofluoromethane	5.47	113	543731	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.70	98	2080844	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	11.12	95	914591	56.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.70%	
Target Compounds						
20) Methylene Chloride	2.84	84	14336	1.149	ug/l	Qvalue 93

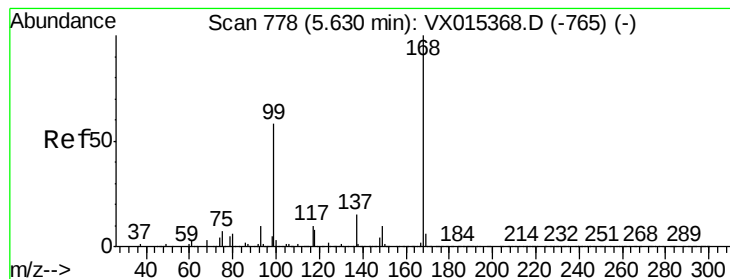
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015553.D

Acq: 07 Apr 2020 20:56

Instrument :

MSVOA_X

ClientSampleId :

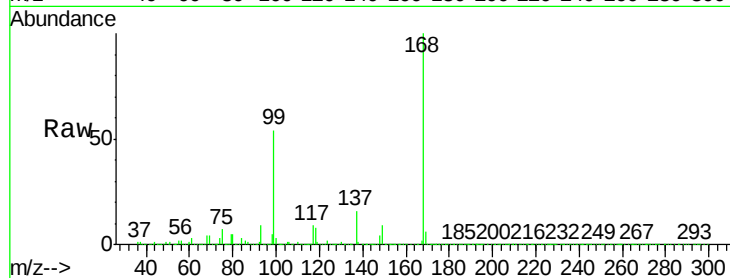
MH-F

Tot Ion:168 Resp: 1102421

Ion Ratio Lower Upper

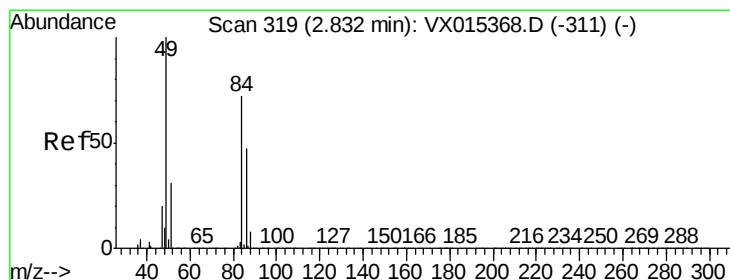
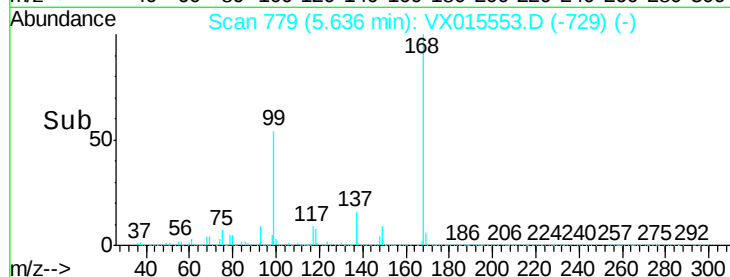
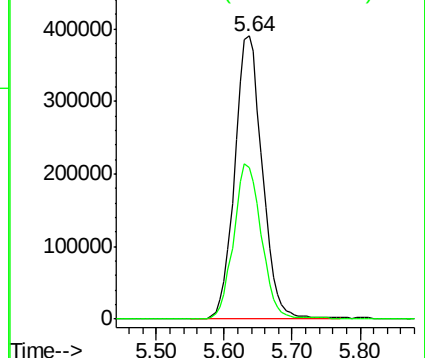
168 100

99 53.6 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 1.149 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015553.D

Acq: 07 Apr 2020 20:56

Tgt Ion: 84 Resp: 14336

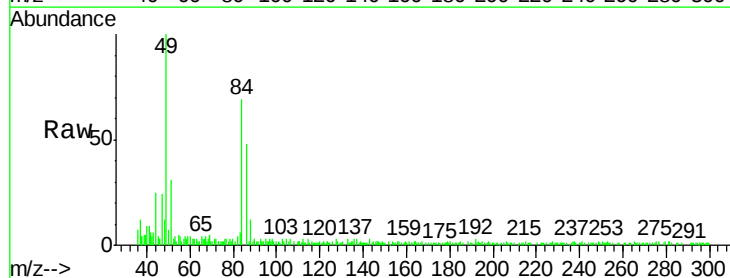
Ion Ratio Lower Upper

84 100

49 148.9 111.3 166.9

51 43.4 34.0 51.0

86 71.1 52.5 78.7

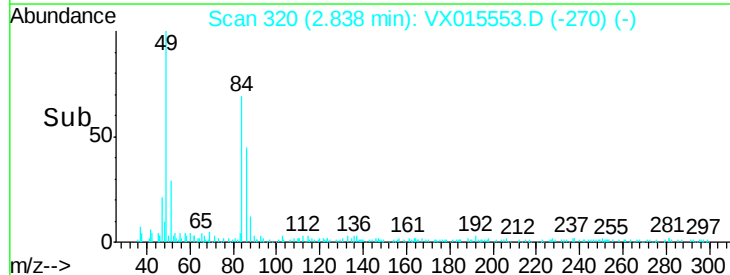
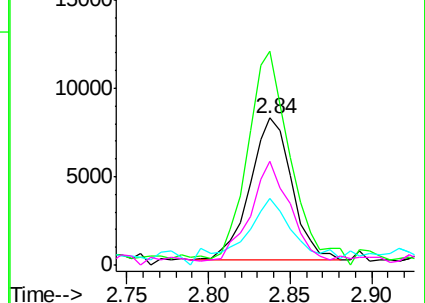


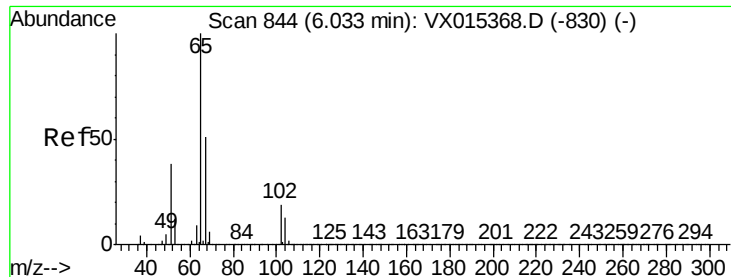
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.860 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015553.D

Acq: 07 Apr 2020 20:56

Instrument :

MSVOA_X

ClientSampleId :

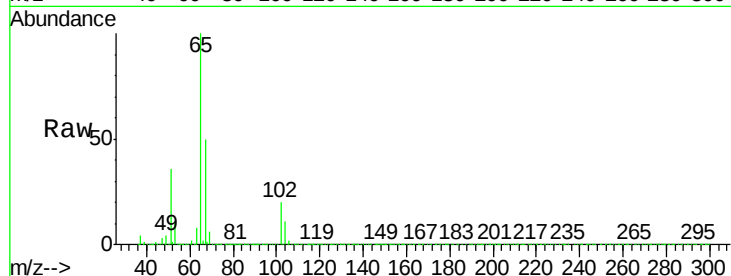
MH-F

Tot Ion: 65 Resp: 728605

Ion Ratio Lower Upper

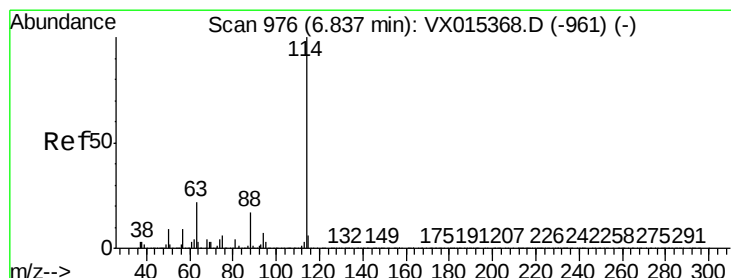
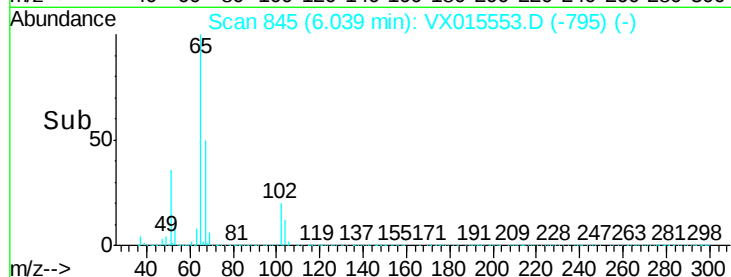
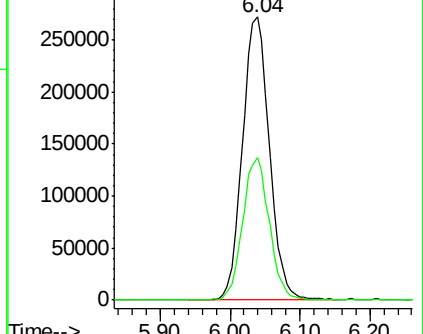
65 100

67 49.3 0.0 102.6



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: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015553.D

Acq: 07 Apr 2020 20:56

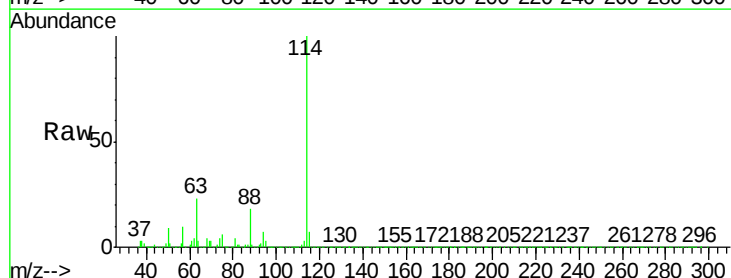
Tgt Ion: 114 Resp: 1697009

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.2

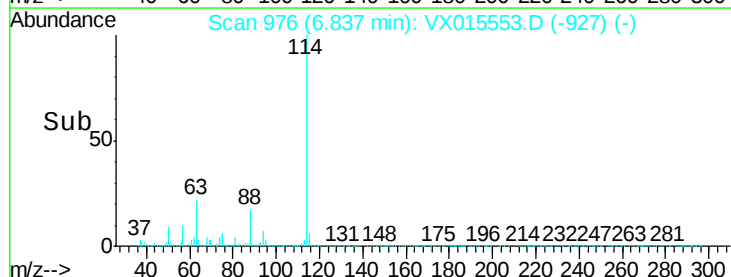
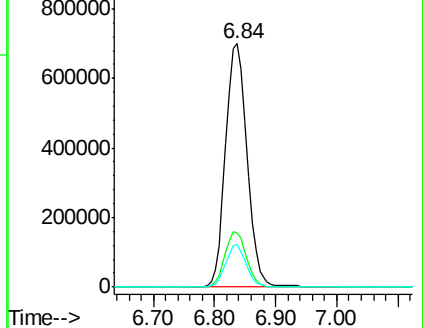
88 17.5 0.0 33.8

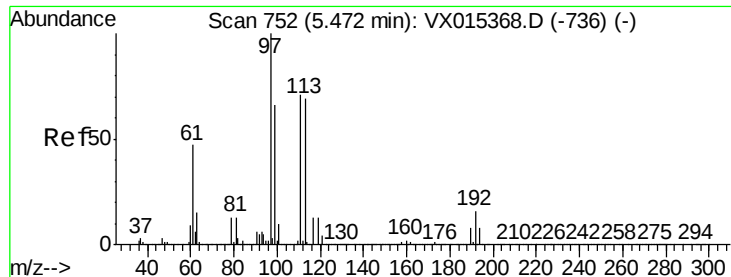


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

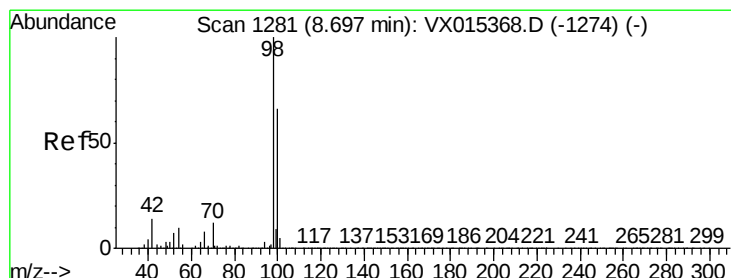
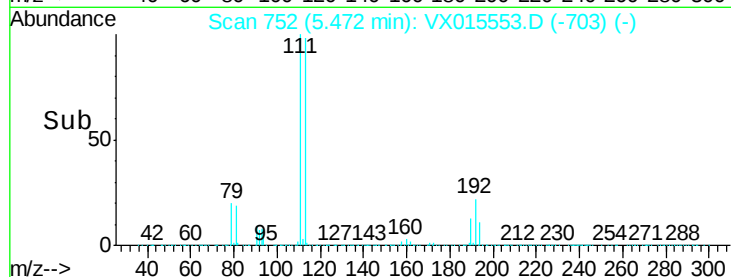
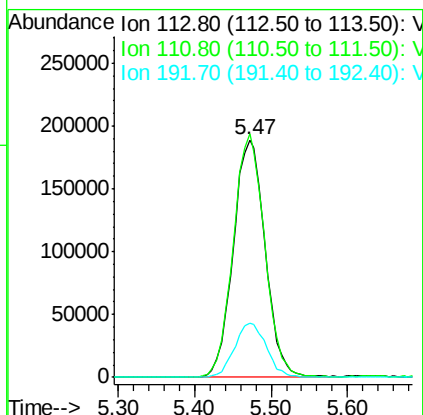
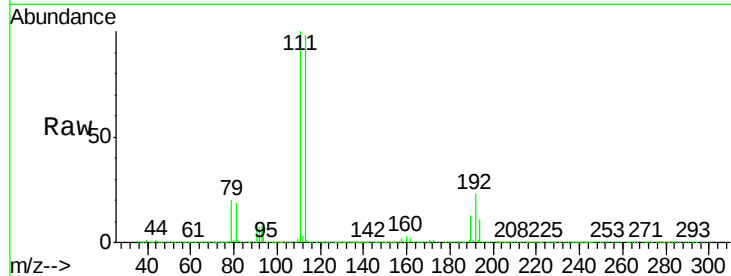




#35
Dibromofluoromethane
Concen: 50.124 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015553.D
Acq: 07 Apr 2020 20:56

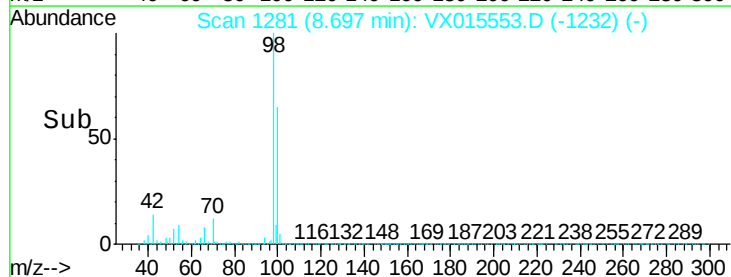
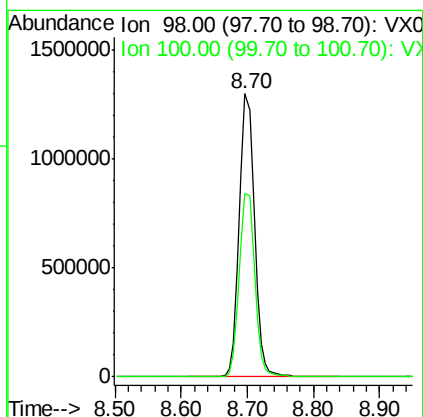
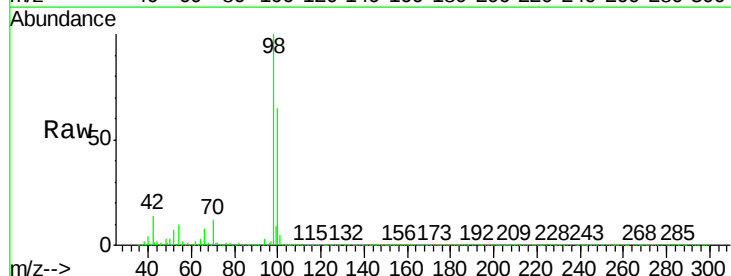
Instrument :
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ClientSampleId :
MH-F

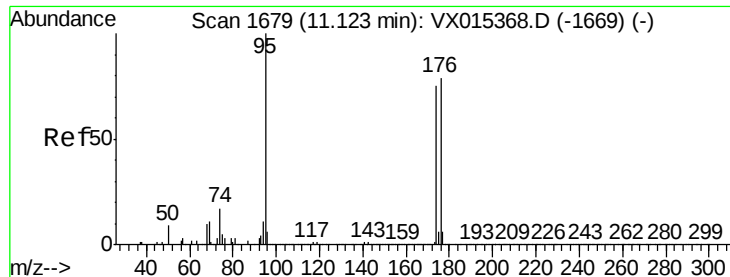
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.5	122.3
192	23.0	17.8	26.6



#50
Toluene-d8
Concen: 52.101 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015553.D
Acq: 07 Apr 2020 20:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.5	80.3





#62

4-Bromofluorobenzene

Concen: 56.348 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015553.D

Acq: 07 Apr 2020 20:56

Instrument :

MSVOA_X

ClientSampleId :

MH-F

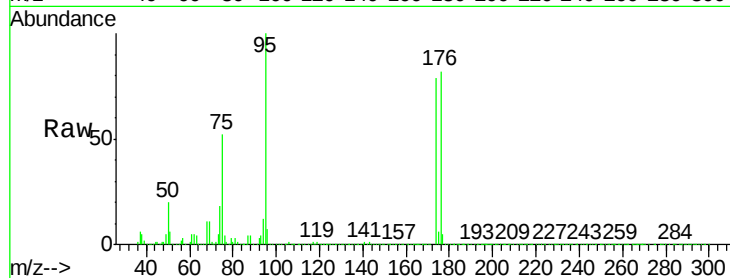
Tot Ion: 95 Resp: 914591

Ion Ratio Lower Upper

95 100

174 80.4 0.0 158.6

176 80.8 0.0 159.0

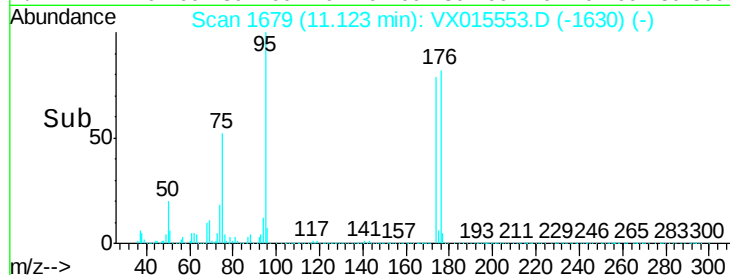


Abundance Ion 94.90 (94.60 to 95.60): VX015553.D (-1630) (-)

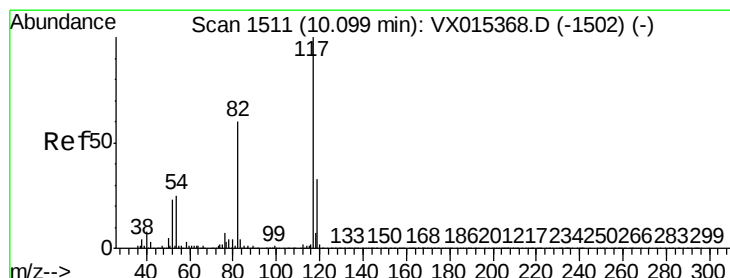
Ion 173.80 (173.50 to 174.50): VX015553.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015553.D (-1630) (-)

Time--> 11.00 11.10 11.20



Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015553.D

Acq: 07 Apr 2020 20:56

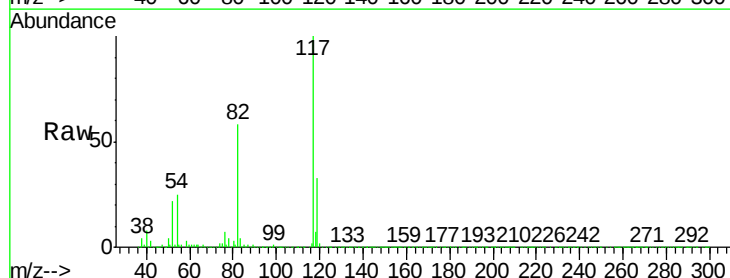
Tgt Ion: 117 Resp: 1653478

Ion Ratio Lower Upper

117 100

82 58.1 47.8 71.8

119 32.7 26.8 40.2

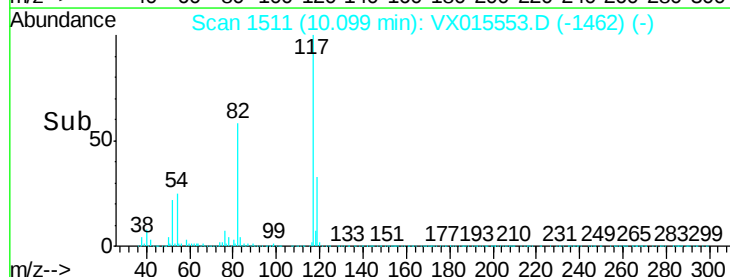


Abundance Ion 116.90 (116.60 to 117.60): VX015553.D (-1462) (-)

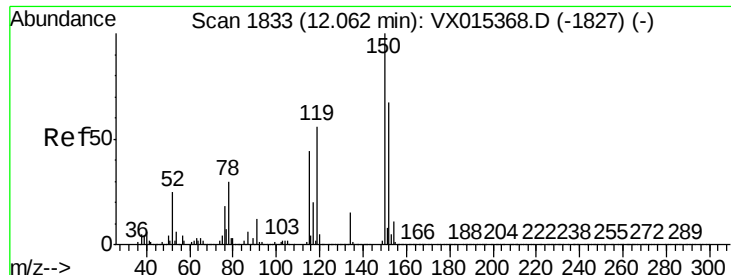
Ion 82.00 (81.70 to 82.70): VX015553.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015553.D (-1462) (-)

Time--> 10.00 10.10 10.20



Time--> 10.00 10.10 10.20



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015553.D

Acq: 07 Apr 2020 20:56

Instrument :

MSVOA_X

ClientSampleId :

MH-F

Tot Ion:152 Resp: 931208

Ion Ratio Lower Upper

152 100

115 57.8 39.0 116.9

150 154.2 0.0 340.8

