

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082019\
 Data File : VX011679.D
 Acq On : 20 Aug 2019 13:04
 Operator : JC/SP
 Sample : K4389-06
 Misc : 5.11g/5mL/100uL/10mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T4-F-(0)

Quant Time: Aug 20 17:04:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	353243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	523588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	487174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251162	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	183464	56.01	ug/l	0.00
Spiked Amount						
			Recovery	=	112.02%	
35) Dibromofluoromethane	5.49	113	150651	43.99	ug/l	0.00
Spiked Amount						
			Recovery	=	87.98%	
50) Toluene-d8	8.71	98	624121	58.49	ug/l	0.00
Spiked Amount						
			Recovery	=	116.98%	
62) 4-Bromofluorobenzene	11.13	95	228395	50.71	ug/l	0.00
Spiked Amount						
			Recovery	=	101.42%	

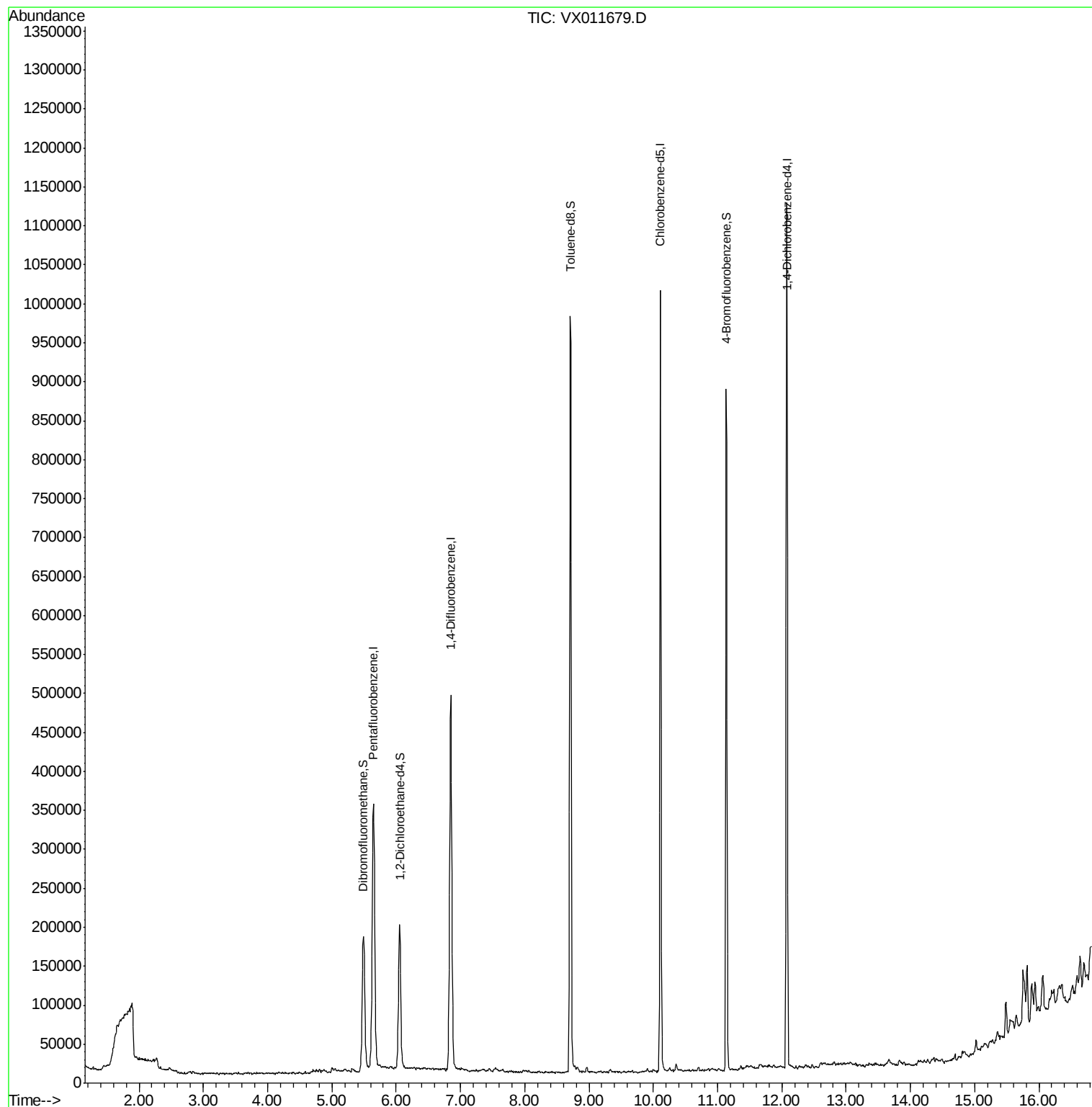
Target Compounds	Qvalue
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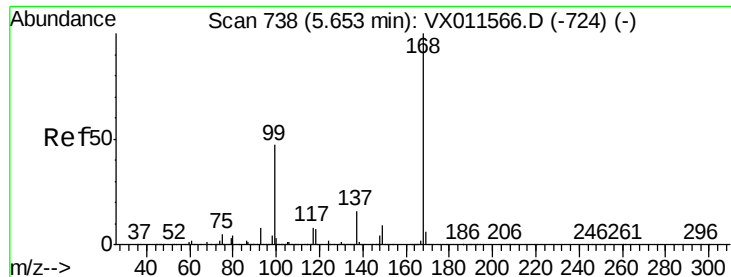
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 737

Delta R.T. -0.01 min

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Acq: 20 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

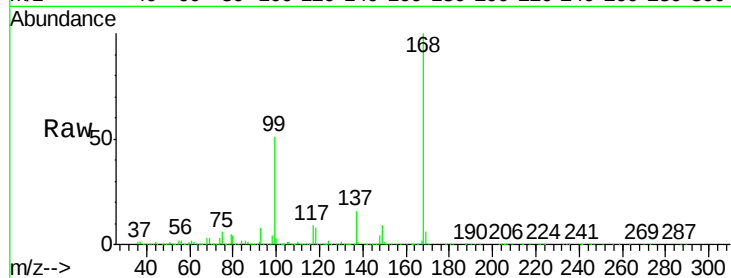
T4-F-(0)

Tot Ion:168 Resp: 353243

Ion Ratio Lower Upper

168 100

99 51.3 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

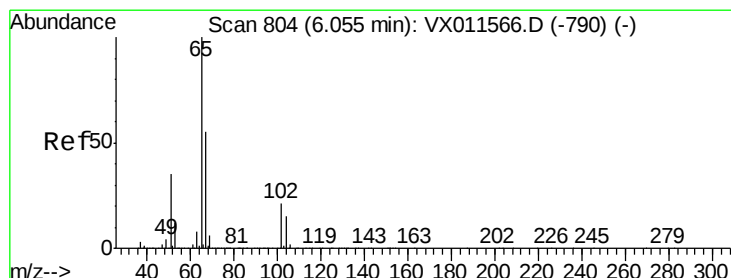
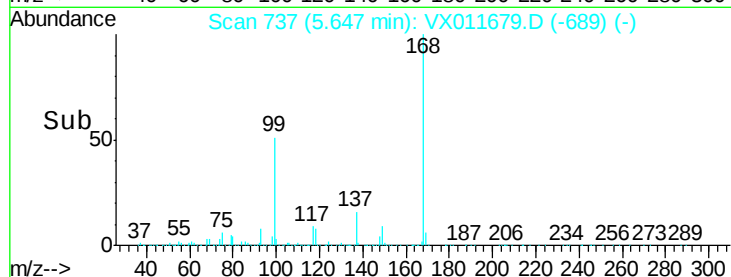
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.005 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011679.D

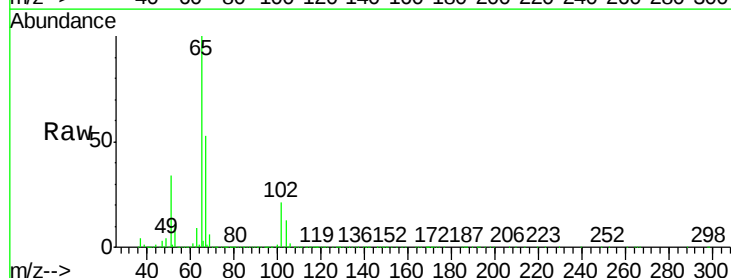
Acq: 20 Aug 2019 13:04

Tgt Ion: 65 Resp: 183464

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

80000

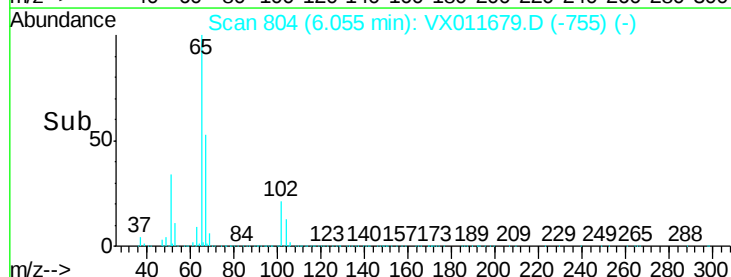
60000

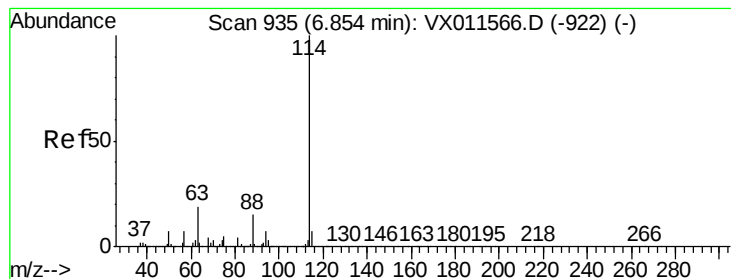
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011679.D

Acq: 20 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

T4-F-(0)

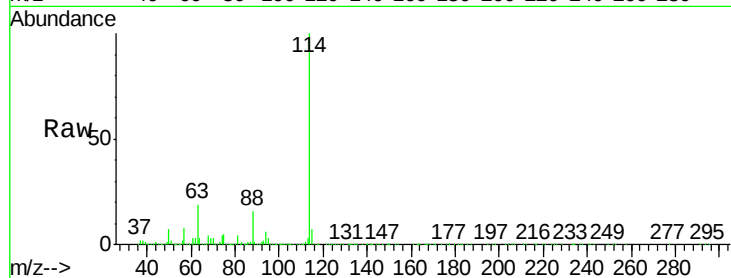
Tot Ion:114 Resp: 523588

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.8

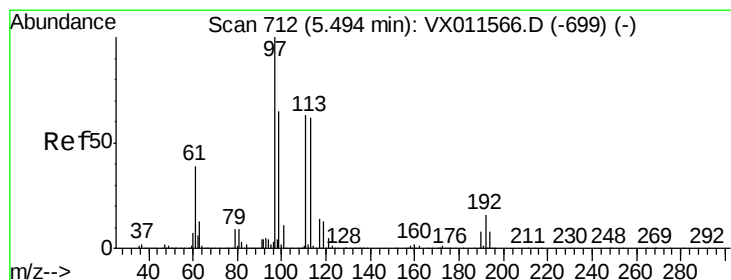
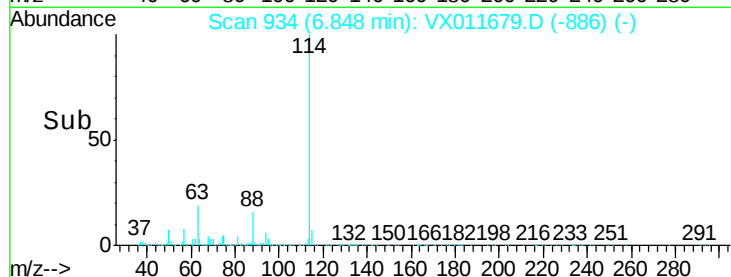
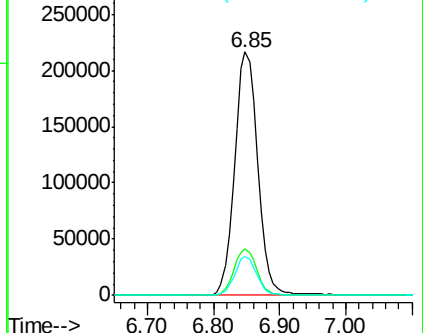
88 16.0 0.0 30.2



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: 43.991 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011679.D

Acq: 20 Aug 2019 13:04

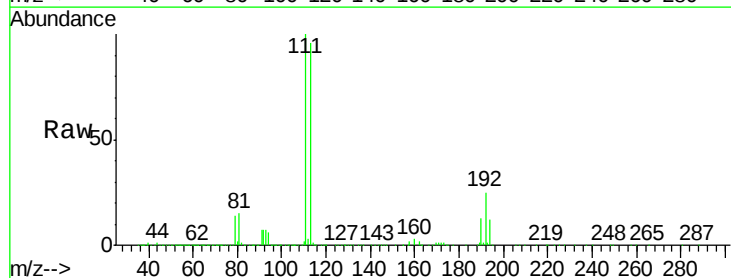
Tgt Ion:113 Resp: 150651

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

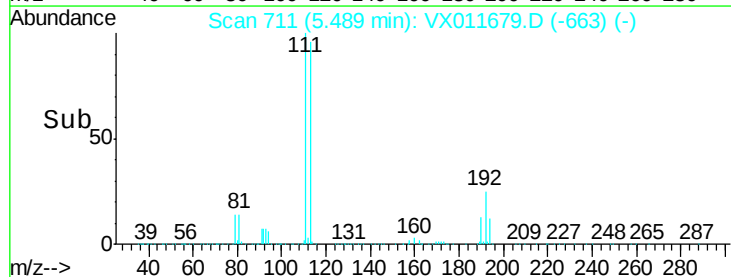
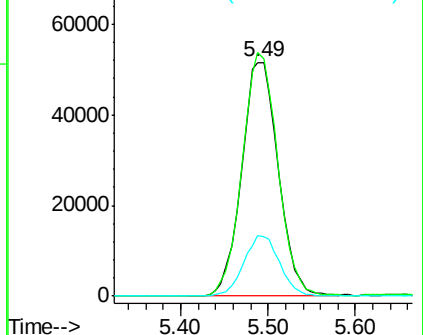
192 25.4 20.8 31.2

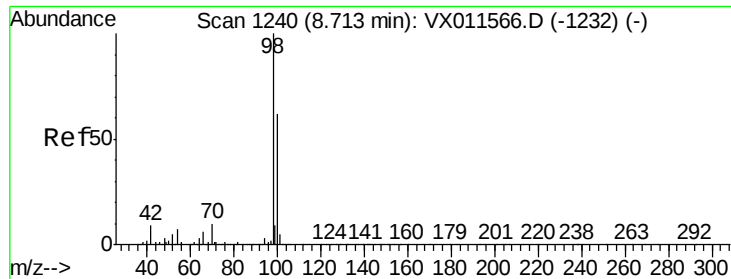


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 58.490 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011679.D

Acq: 20 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

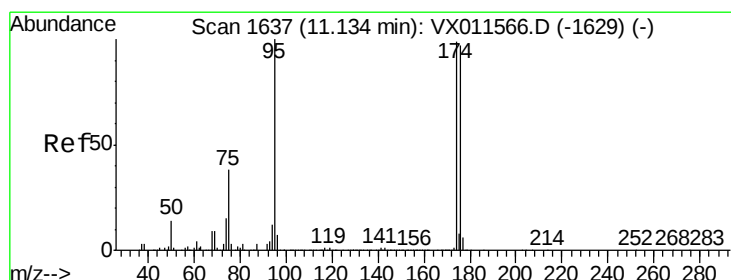
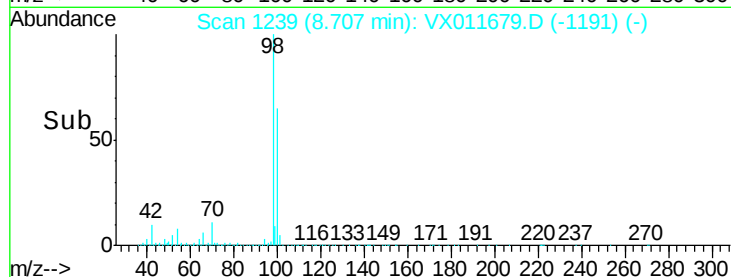
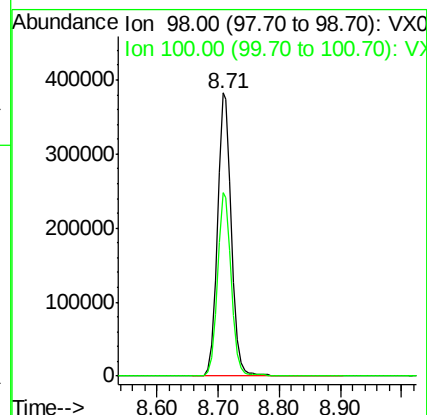
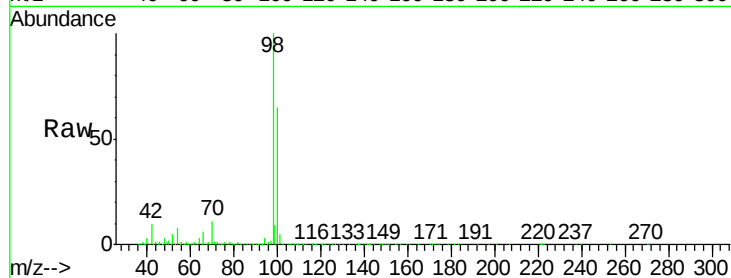
T4-F-(0)

Tot Ion: 98 Resp: 624121

Ion Ratio Lower Upper

98 100

100 64.7 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 50.711 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011679.D

Acq: 20 Aug 2019 13:04

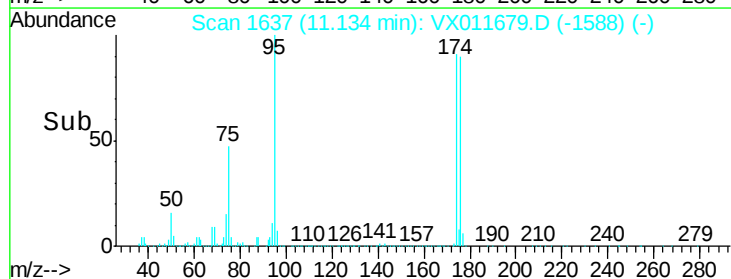
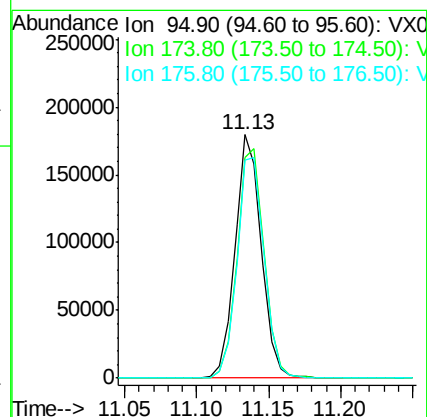
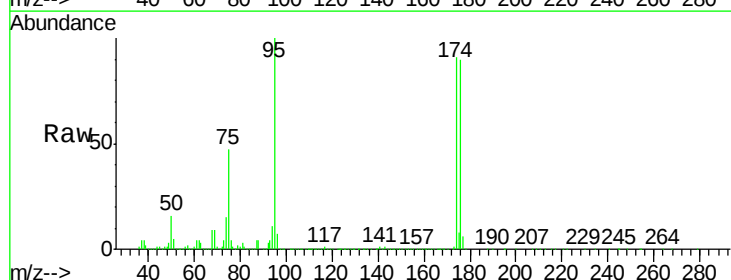
Tgt Ion: 95 Resp: 228395

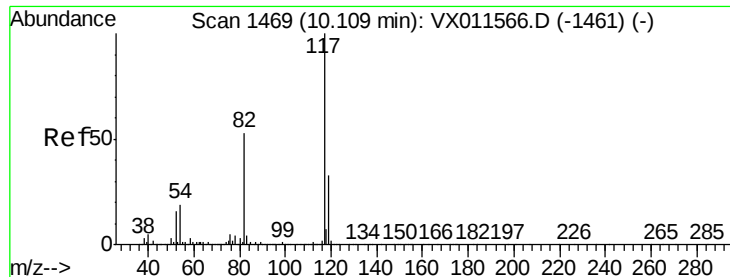
Ion Ratio Lower Upper

95 100

174 97.3 0.0 200.6

176 94.7 0.0 196.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011679.D

Acq: 20 Aug 2019 13:04

Instrument :

MSVOA_X

ClientSampleId :

T4-F-(0)

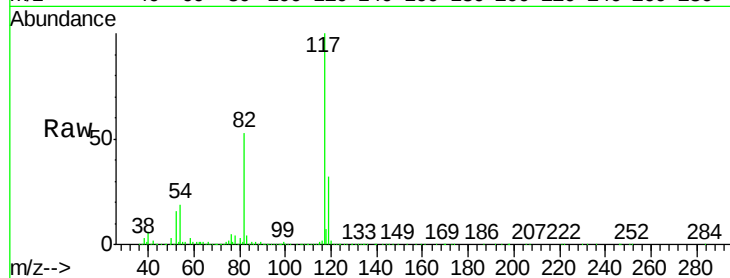
Tot Ion:117 Resp: 487174

Ion Ratio Lower Upper

117 100

82 52.8 42.0 63.0

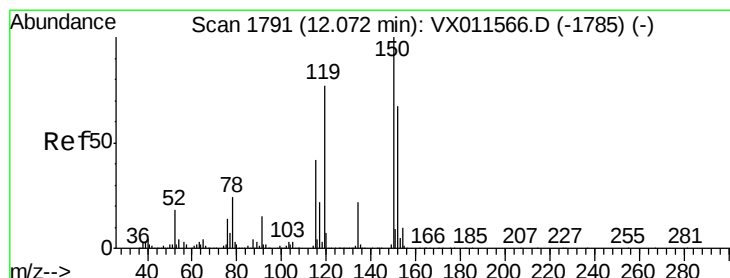
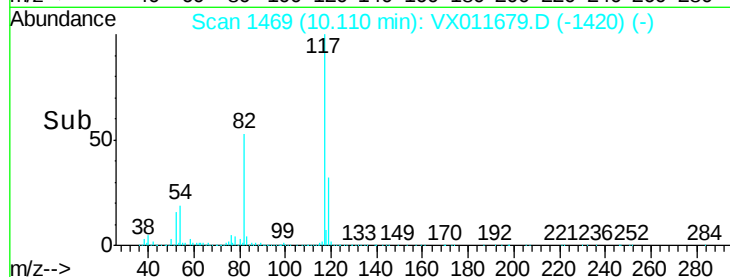
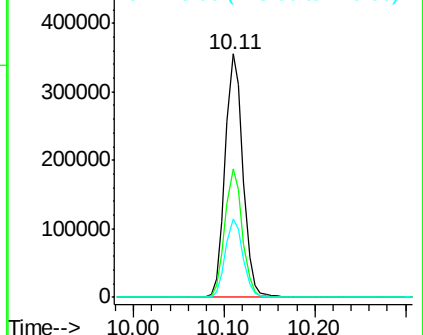
119 32.1 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX011679.D

Acq: 20 Aug 2019 13:04

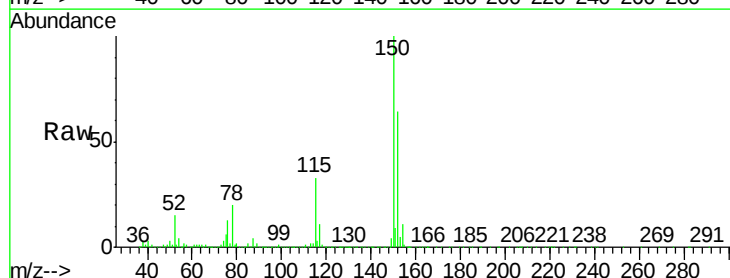
Tgt Ion:152 Resp: 251162

Ion Ratio Lower Upper

152 100

115 54.5 37.3 111.9

150 156.2 0.0 346.2



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

