

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015253.D
 Acq On : 13 Mar 2020 12:42
 Operator : JC/SP
 Sample : L1903-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D2-20200311

Quant Time: Mar 16 09:05:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	251368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	403238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	391873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	197941	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	142748	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.49	113	122045	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
50) Toluene-d8	8.71	98	492821	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.14	95	181317	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	

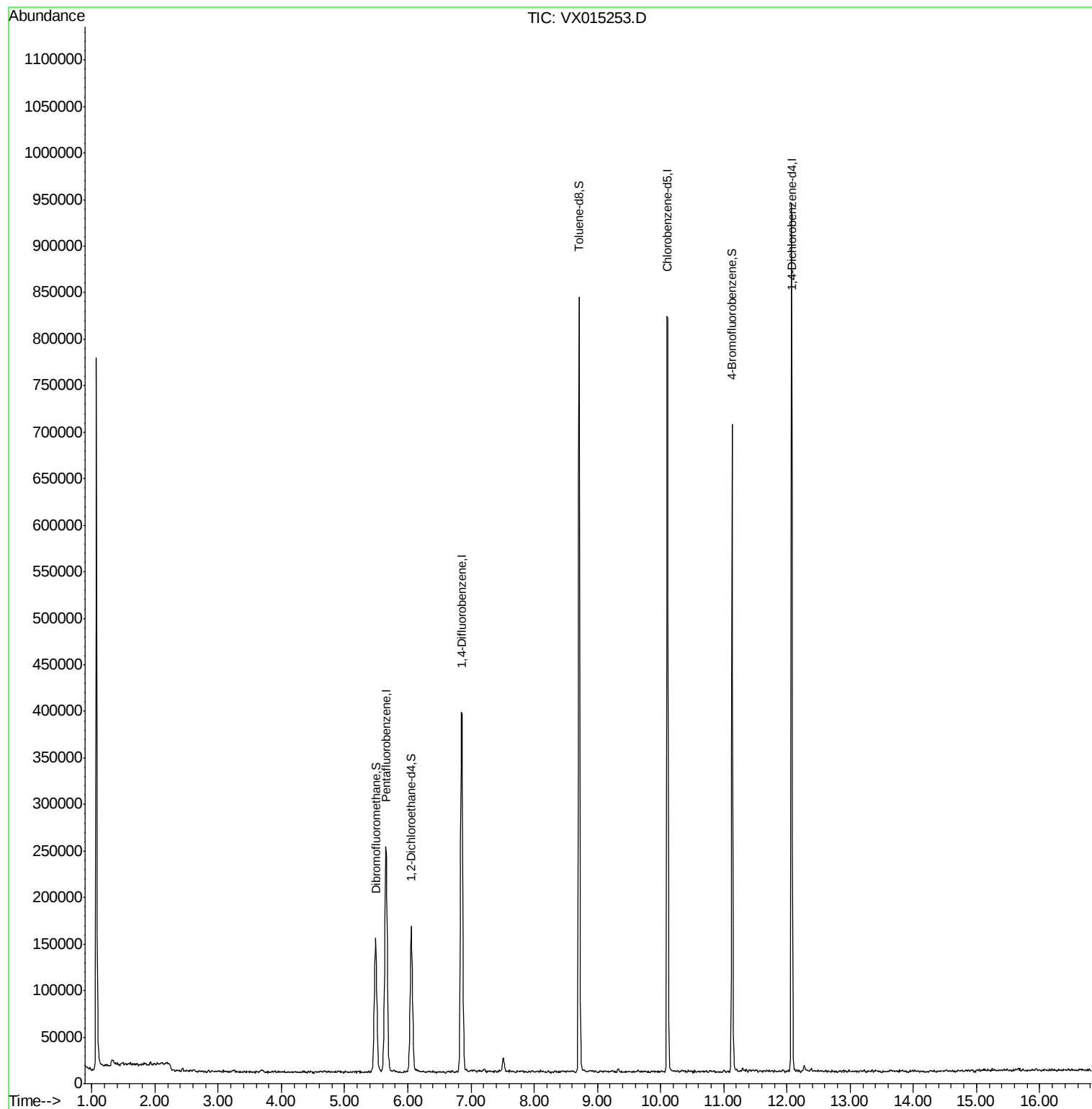
Target Compounds	Qvalue
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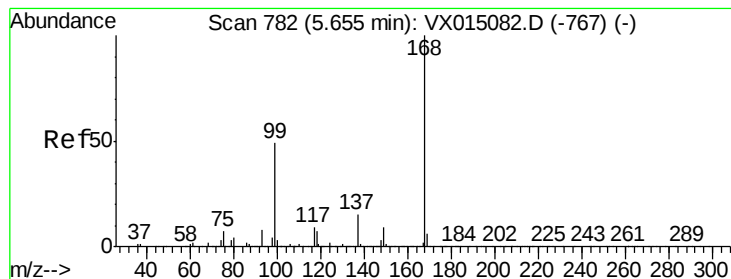
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX015253.D

Acq: 13 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

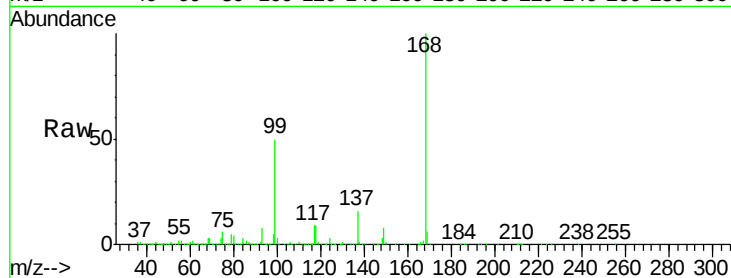
RE135D2-20200311

Tot Ion:168 Resp: 251368

Ion Ratio Lower Upper

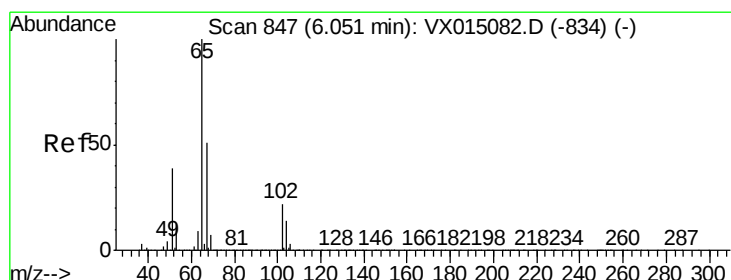
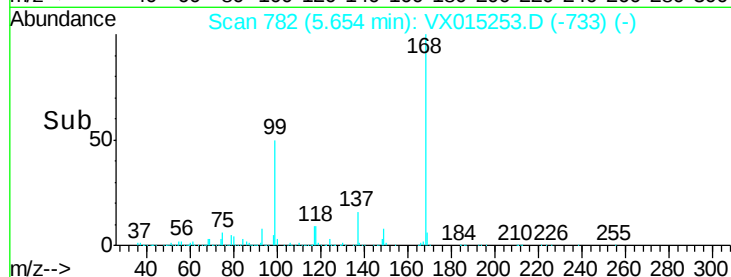
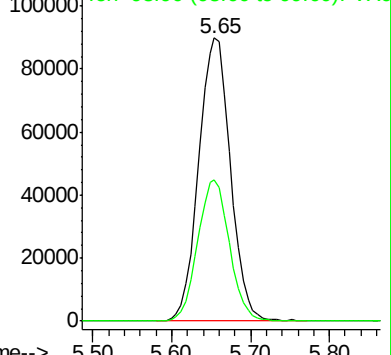
168 100

99 49.7 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.867 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015253.D

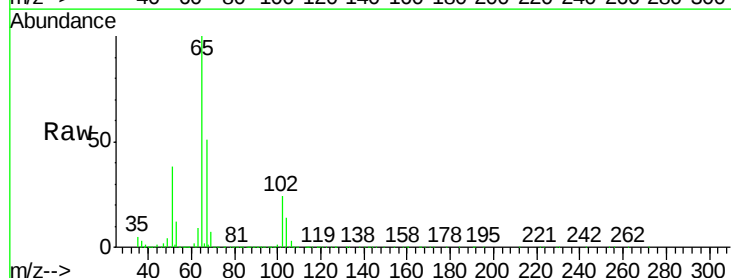
Acq: 13 Mar 2020 12:42

Tgt Ion: 65 Resp: 142748

Ion Ratio Lower Upper

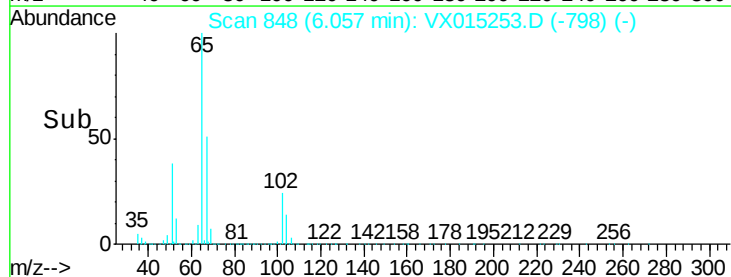
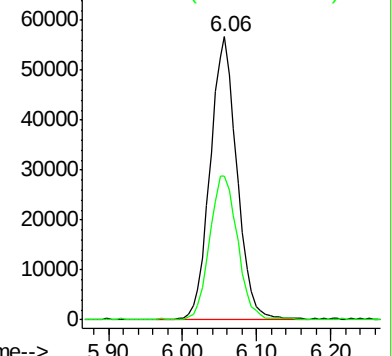
65 100

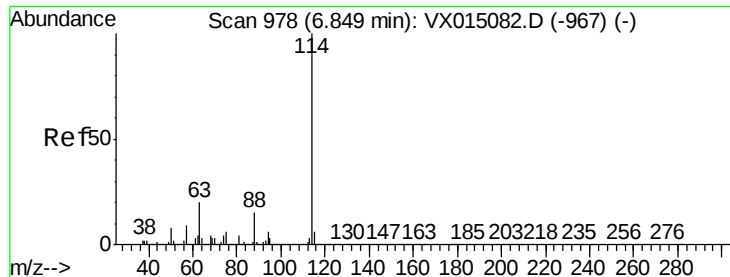
67 52.5 0.0 105.6



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: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX015253.D

Acq: 13 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20200311

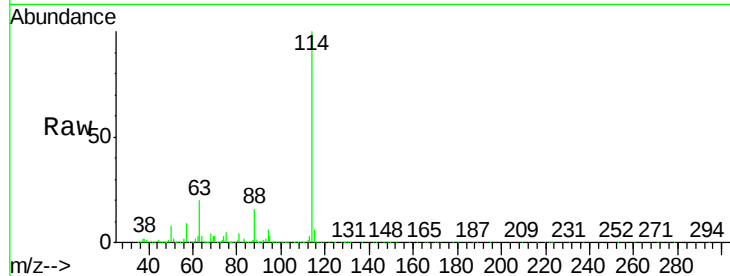
Tot Ion:114 Resp: 403238

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

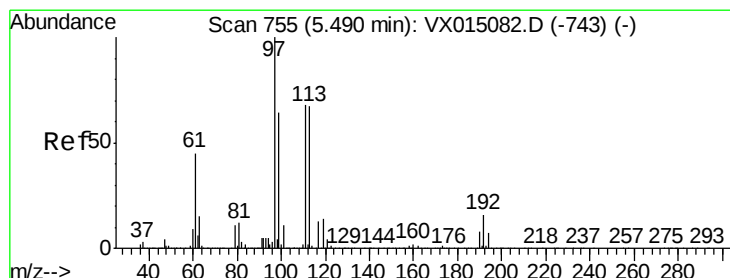
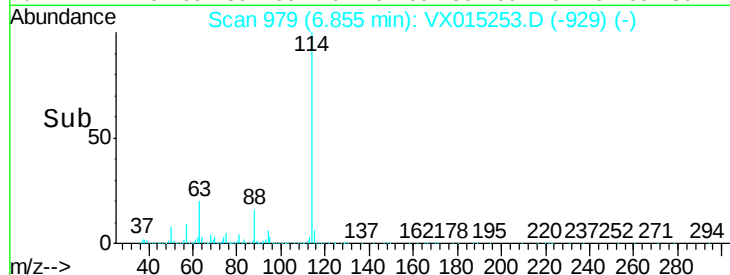
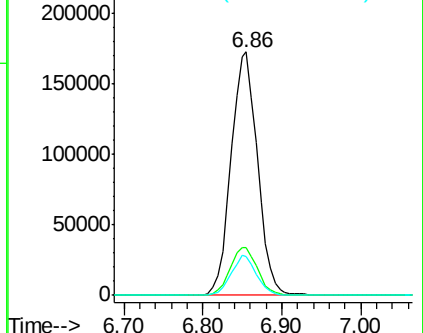
88 15.8 0.0 30.6



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: 47.975 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015253.D

Acq: 13 Mar 2020 12:42

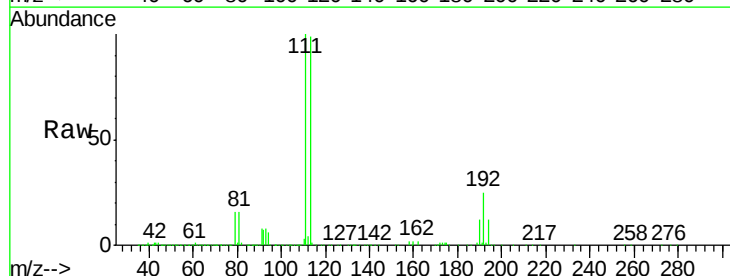
Tgt Ion:113 Resp: 122045

Ion Ratio Lower Upper

113 100

111 101.5 82.6 123.8

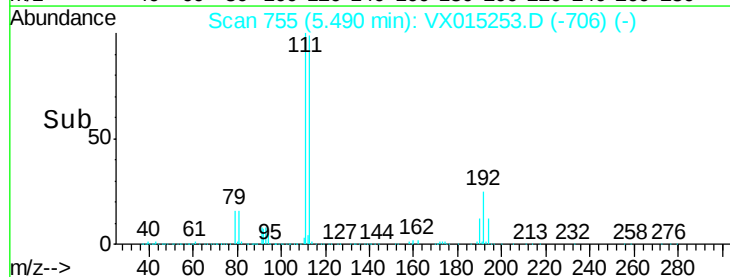
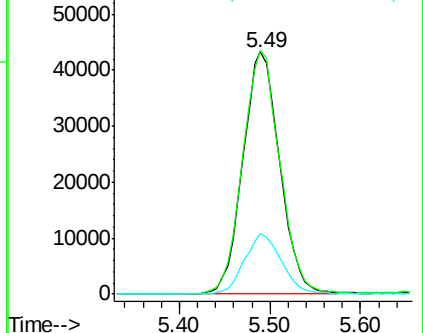
192 25.1 18.6 28.0

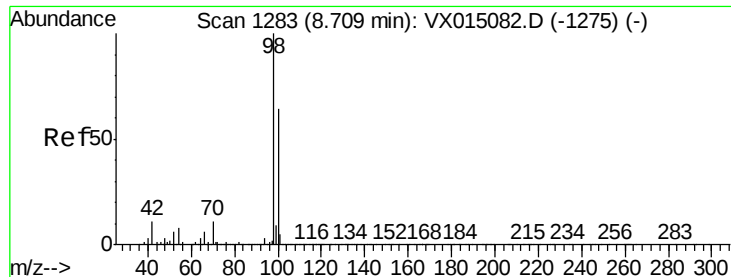


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.929 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015253.D

Acq: 13 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

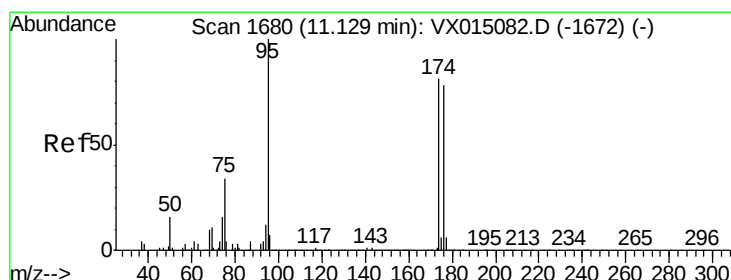
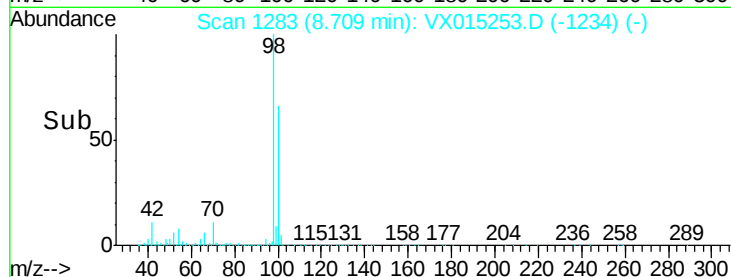
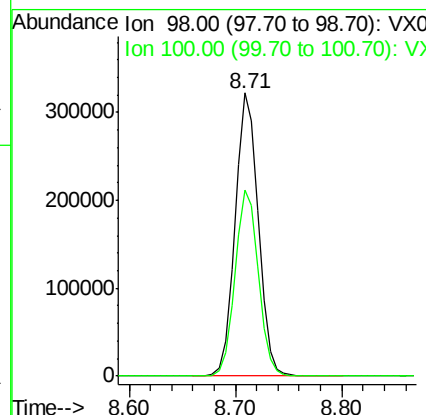
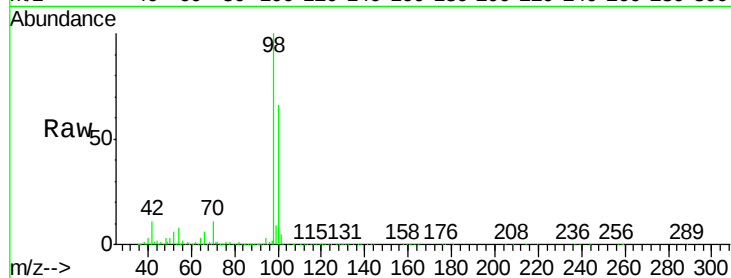
RE135D2-20200311

Tot Ion: 98 Resp: 492821

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 52.532 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX015253.D

Acq: 13 Mar 2020 12:42

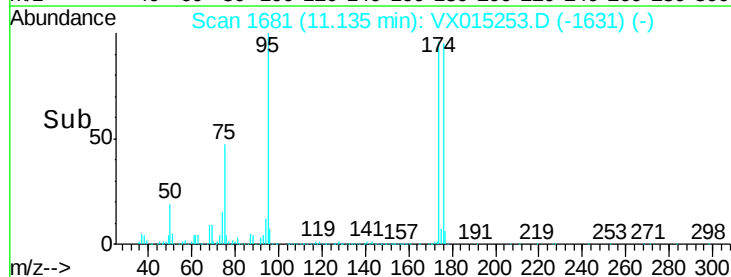
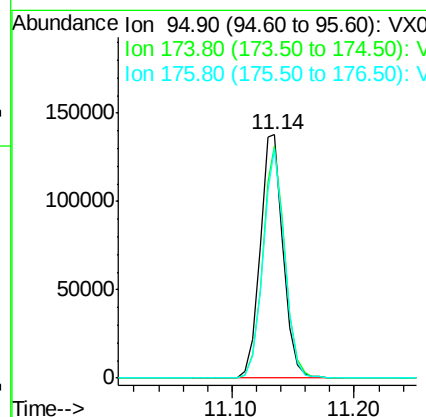
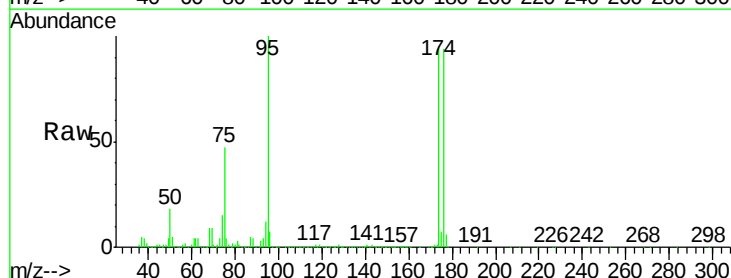
Tgt Ion: 95 Resp: 181317

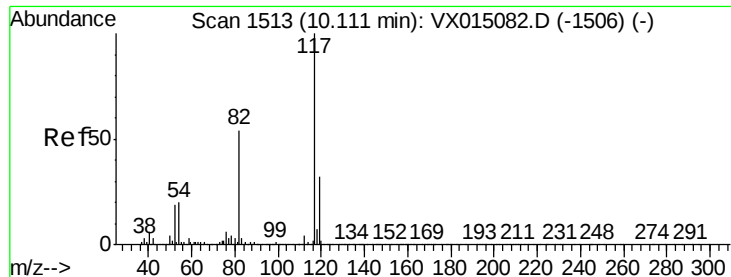
Ion Ratio Lower Upper

95 100

174 91.2 0.0 177.6

176 88.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015253.D

Acq: 13 Mar 2020 12:42

Instrument :

MSVOA_X

ClientSampleId :

RE135D2-20200311

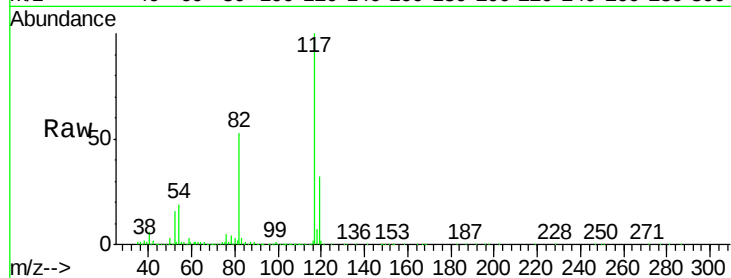
Tot Ion:117 Resp: 391873

Ion Ratio Lower Upper

117 100

82 53.4 43.3 64.9

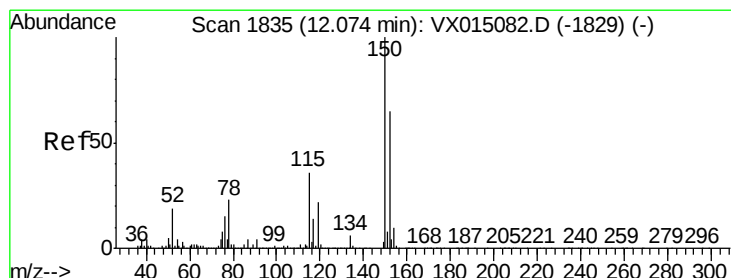
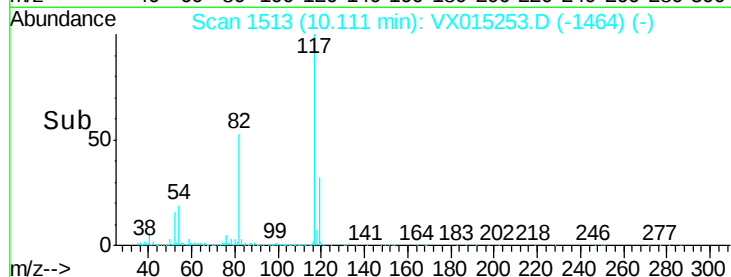
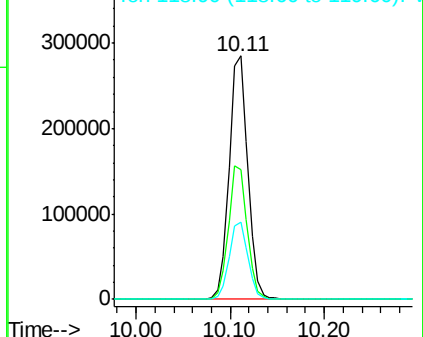
119 31.7 25.8 38.8



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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015253.D

Acq: 13 Mar 2020 12:42

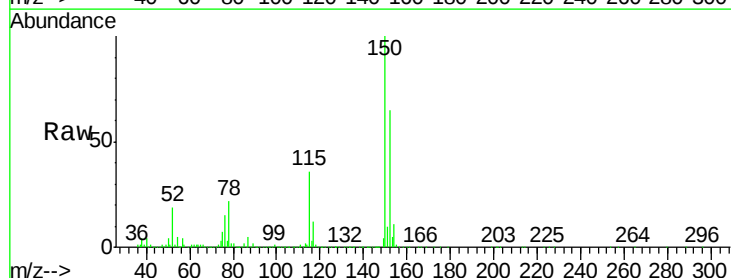
Tgt Ion:152 Resp: 197941

Ion Ratio Lower Upper

152 100

115 55.9 38.2 114.6

150 156.1 0.0 343.8



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

