

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015190.D
 Acq On : 11 Mar 2020 11:15
 Operator : JC/SP
 Sample : L1860-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Mar 12 07:24:52 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

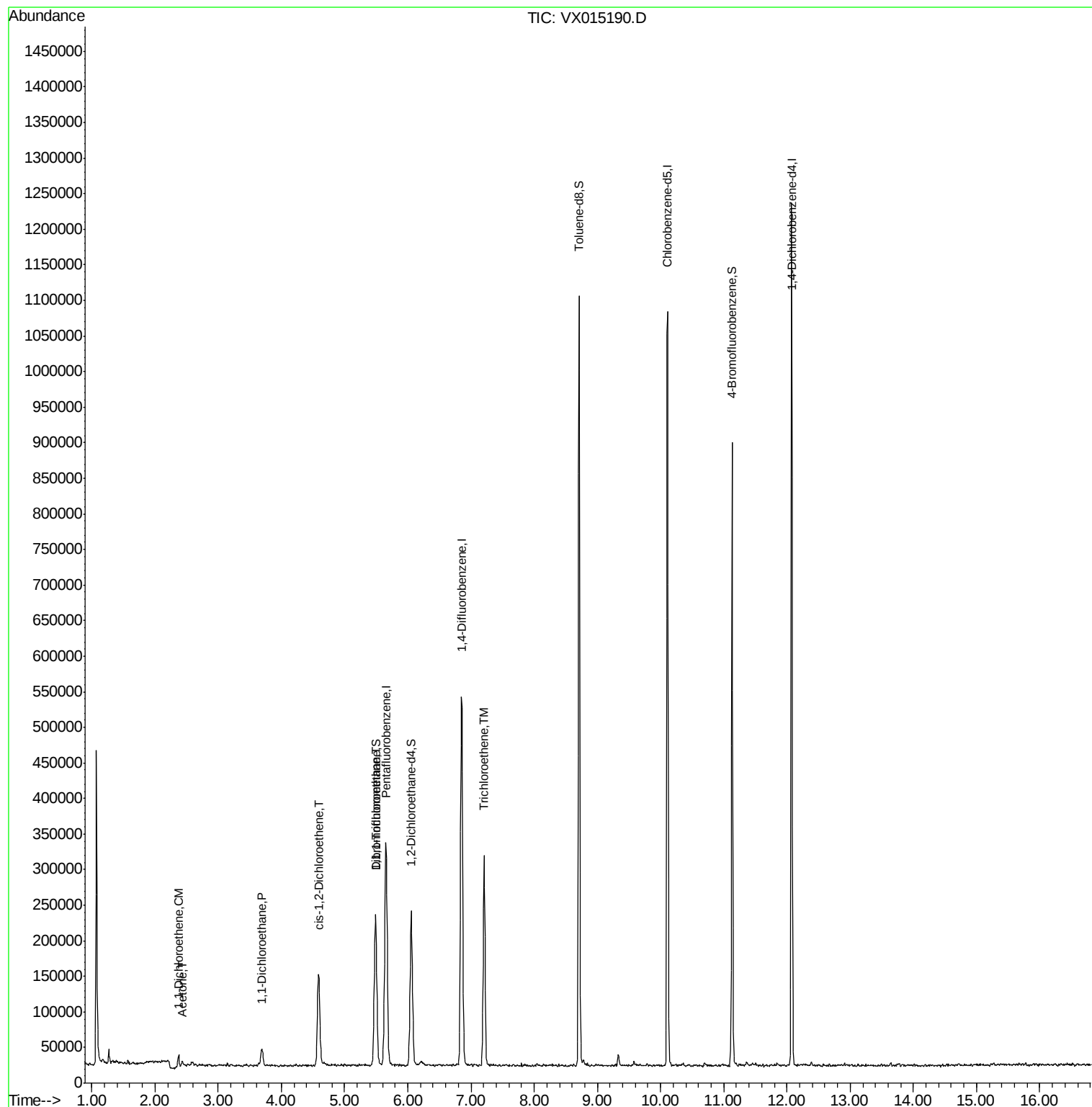
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	319599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	525281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	248510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	202942	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
35) Dibromofluoromethane	5.49	113	168316	50.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.58%	
50) Toluene-d8	8.71	98	635424	50.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	227990	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	7145	2.30	ug/l	84
16) Acetone	2.43	43	6648	4.33	ug/l	89
24) 1,1-Dichloroethane	3.69	63	27831	4.65	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	84301	22.66	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	16355	3.38	ug/l	95
44) Trichloroethene	7.21	130	114219	28.47	ug/l	99

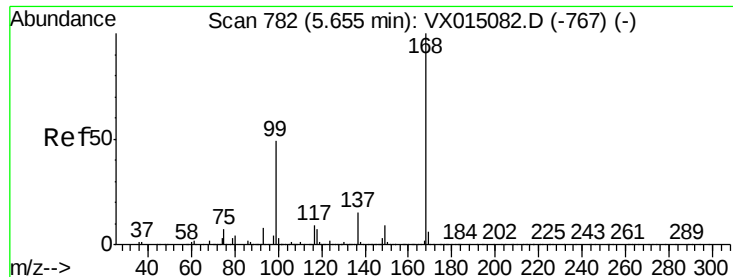
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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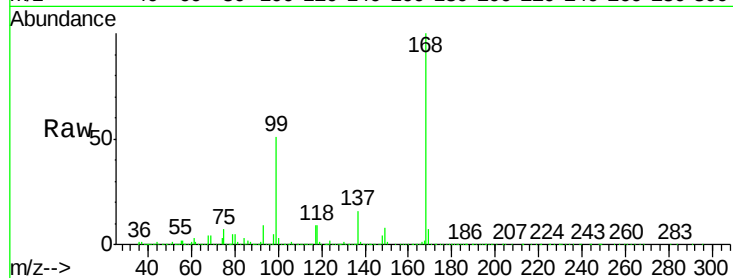


#1

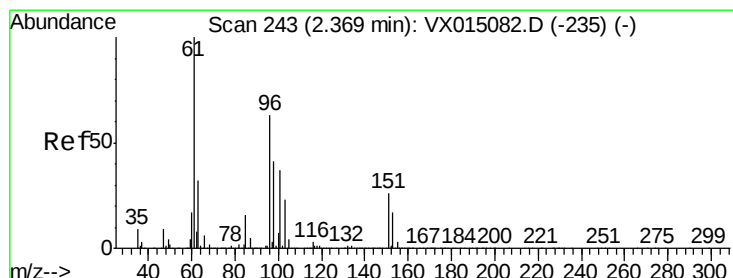
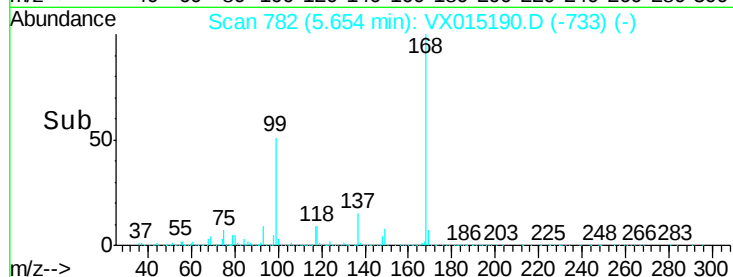
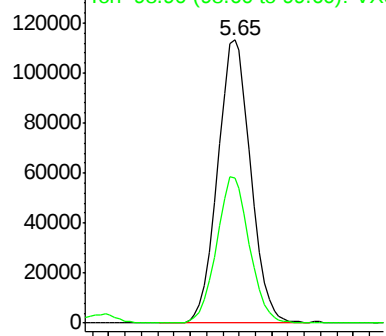
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.65 min Scan# 782
Delta R.T. -0.00 min
Lab File: VX015190.D
Acq: 11 Mar 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tgt Ion:168 Resp: 319599
Ion Ratio Lower Upper
168 100
99 51.1 39.4 59.2



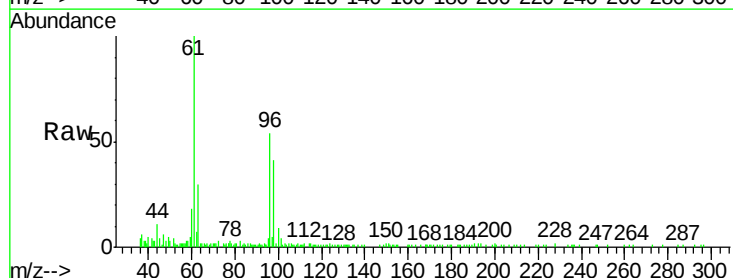
Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0



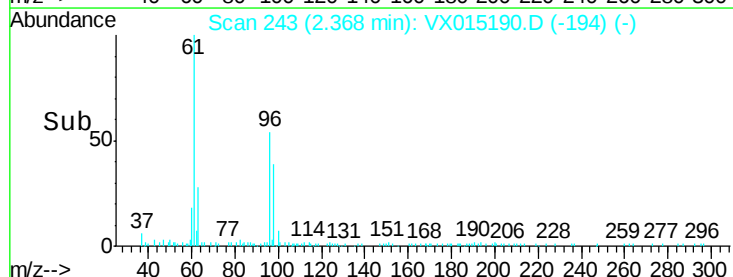
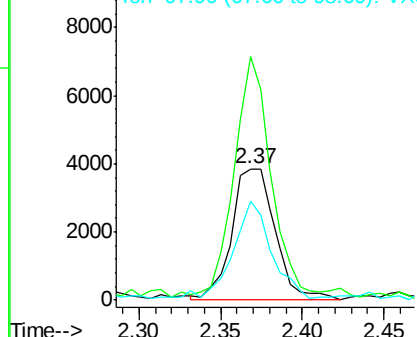
#12

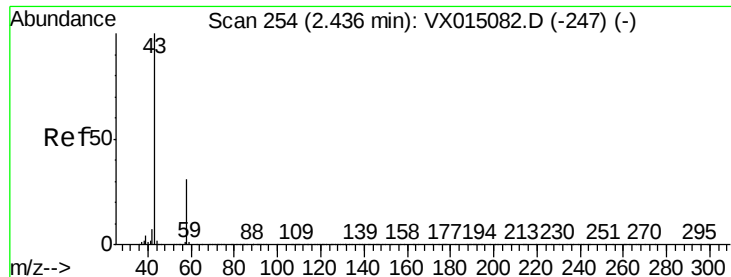
1,1-Dichloroethene
Concen: 2.30 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015190.D
Acq: 11 Mar 2020 11:15

Tgt Ion: 96 Resp: 7145
Ion Ratio Lower Upper
96 100
61 180.9 126.2 189.4
98 72.6 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 4.33 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

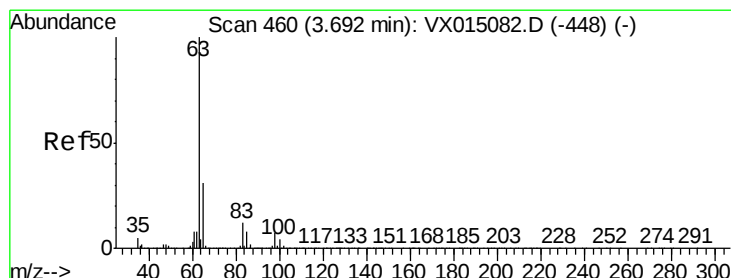
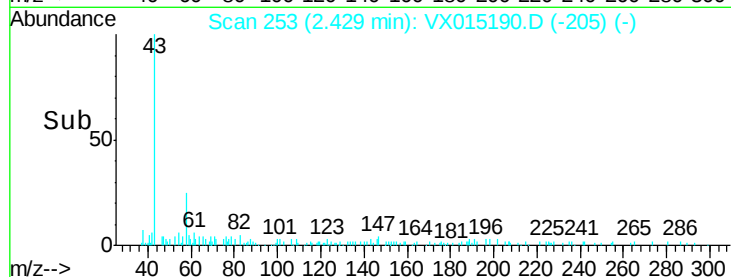
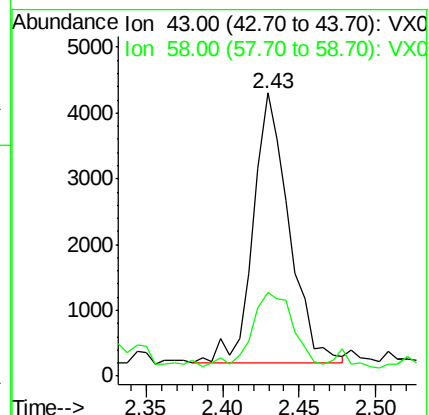
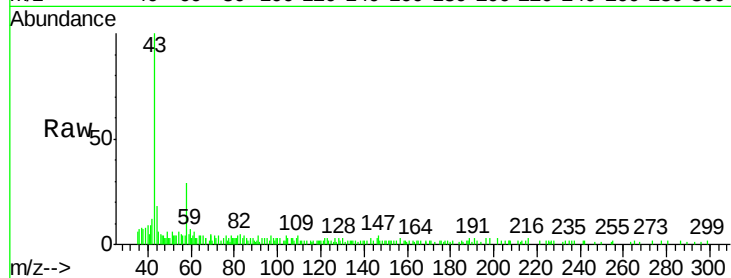
MW-3

Tgt Ion: 43 Resp: 6648

Ion Ratio Lower Upper

43 100

58 24.8 24.8 37.2



#24

1,1-Dichloroethane

Concen: 4.65 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

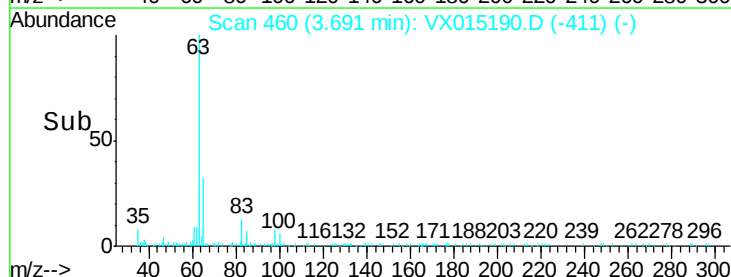
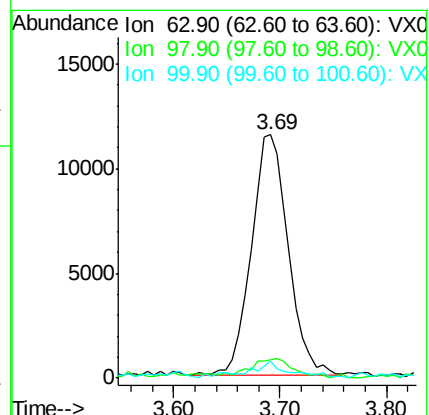
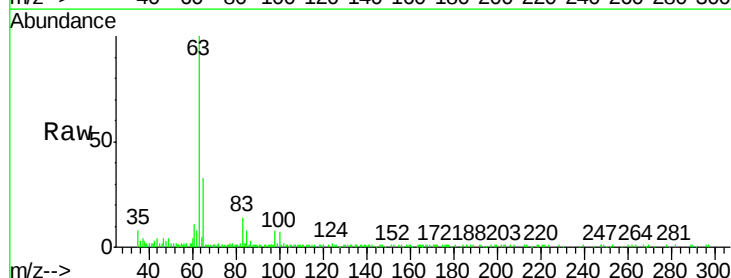
Tgt Ion: 63 Resp: 27831

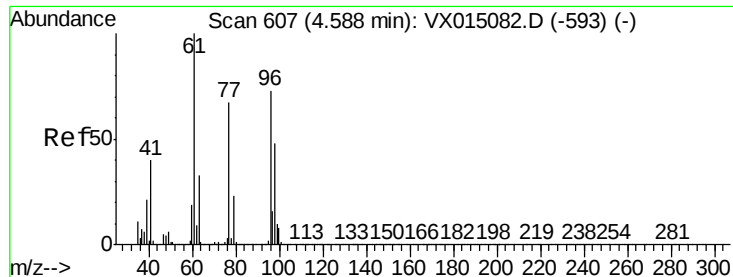
Ion Ratio Lower Upper

63 100

98 6.2 3.7 11.1

100 5.6 2.1 6.5





#27

cis-1,2-Dichloroethene

Concen: 22.66 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

MW-3

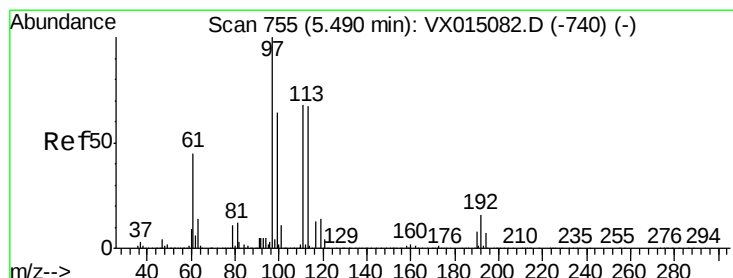
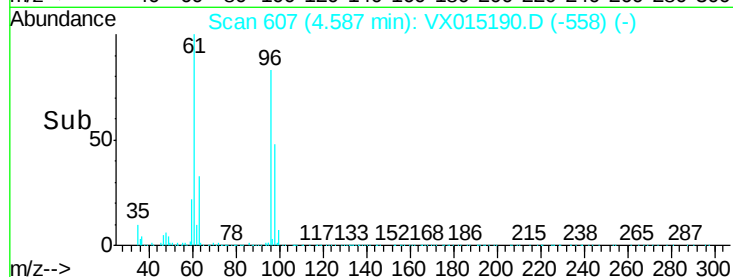
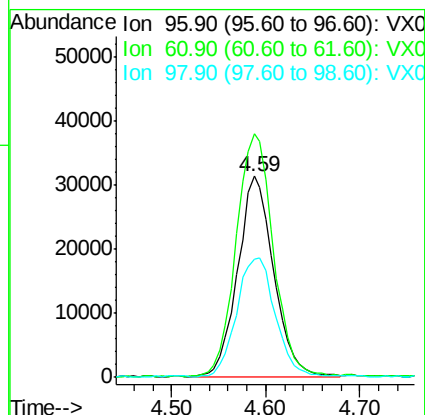
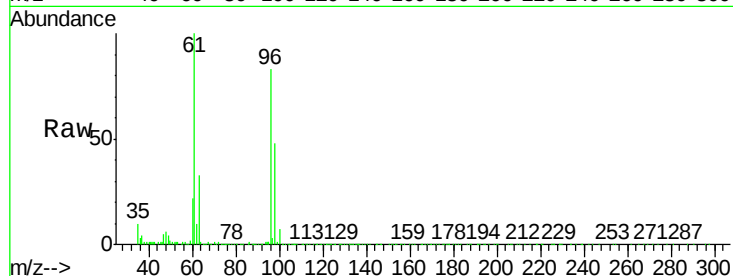
Tgt Ion: 96 Resp: 84301

Ion Ratio Lower Upper

96 100

61 124.1 0.0 286.8

98 63.5 0.0 128.4



#32

1,1,1-Trichloroethane

Concen: 3.38 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

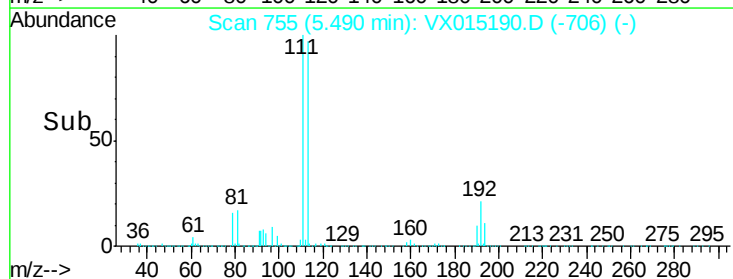
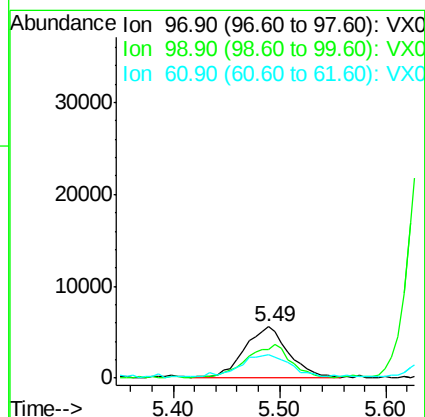
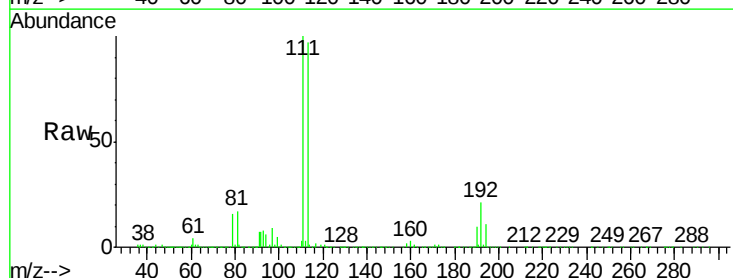
Tgt Ion: 97 Resp: 16355

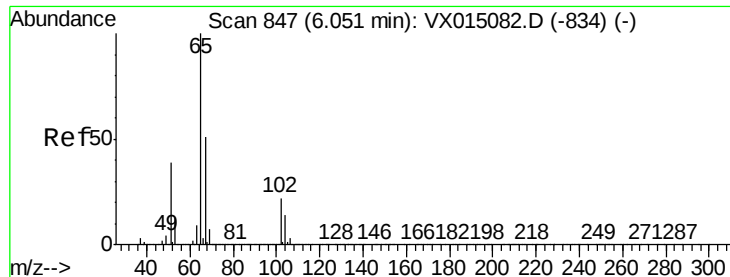
Ion Ratio Lower Upper

97 100

99 62.2 52.8 79.2

61 49.1 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 53.52 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

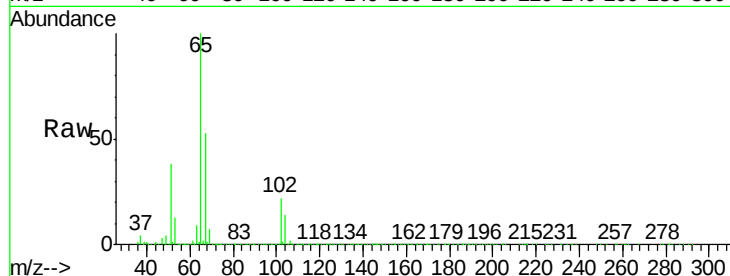
MW-3

Tgt Ion: 65 Resp: 202942

Ion Ratio Lower Upper

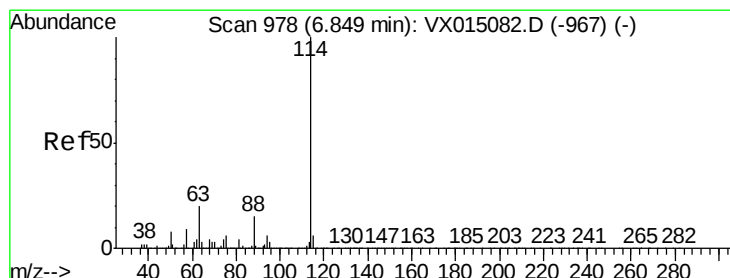
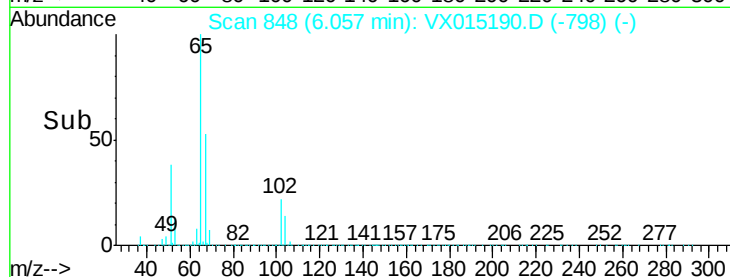
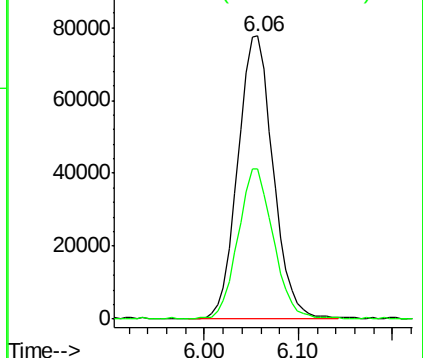
65 100

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: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

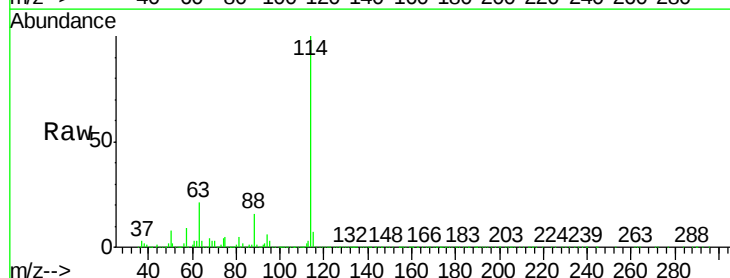
Tgt Ion: 114 Resp: 525281

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

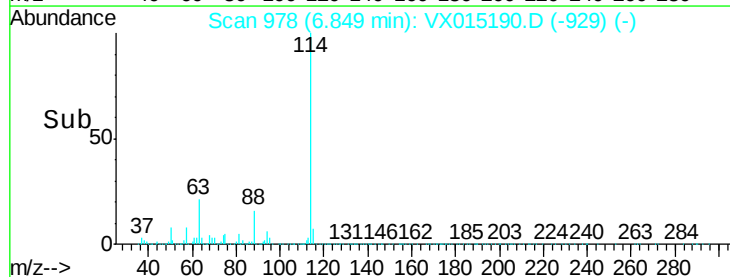
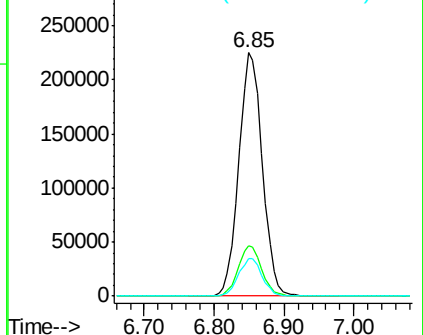
88 15.6 0.0 30.6

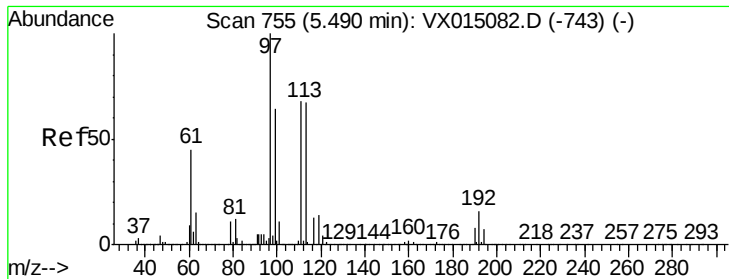


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.79 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

MW-3

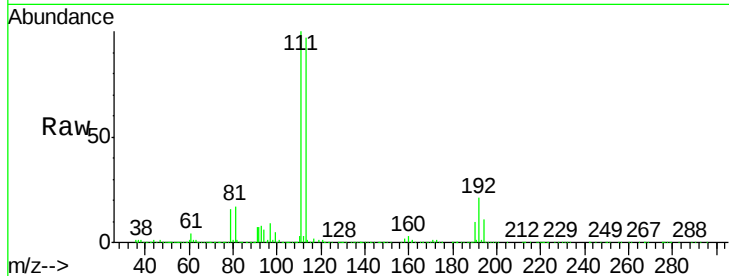
Tgt Ion:113 Resp: 168316

Ion Ratio Lower Upper

113 100

111 103.0 82.6 123.8

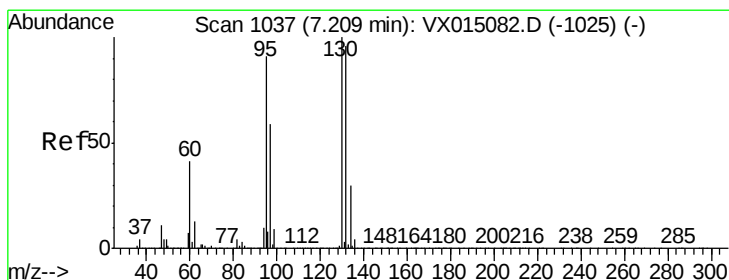
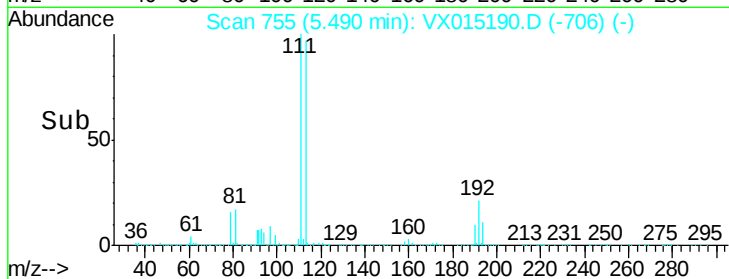
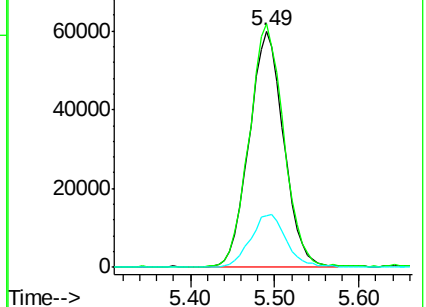
192 23.5 18.6 28.0



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



#44

Trichloroethene

Concen: 28.47 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015190.D

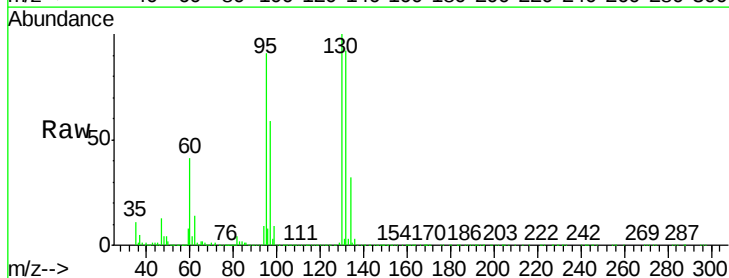
Acq: 11 Mar 2020 11:15

Tgt Ion:130 Resp: 114219

Ion Ratio Lower Upper

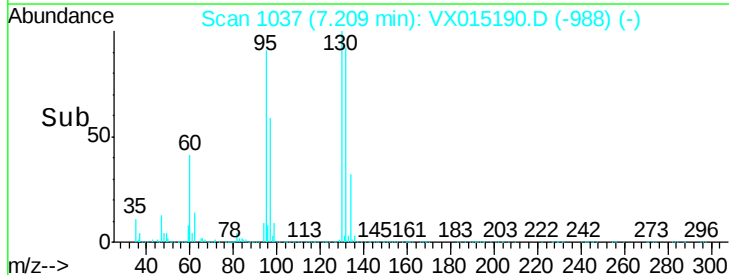
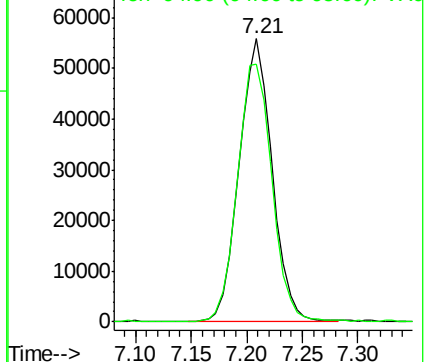
130 100

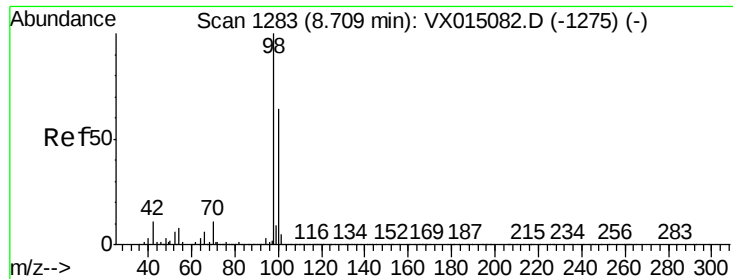
95 91.1 0.0 181.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.41 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

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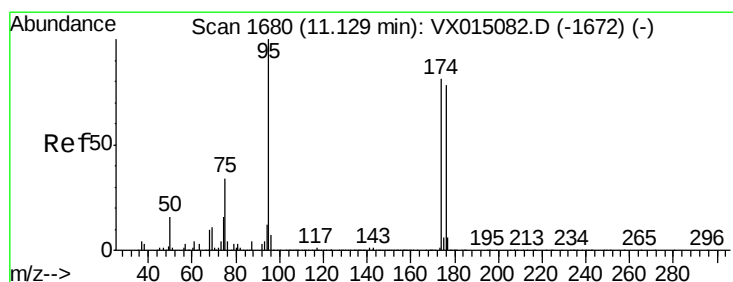
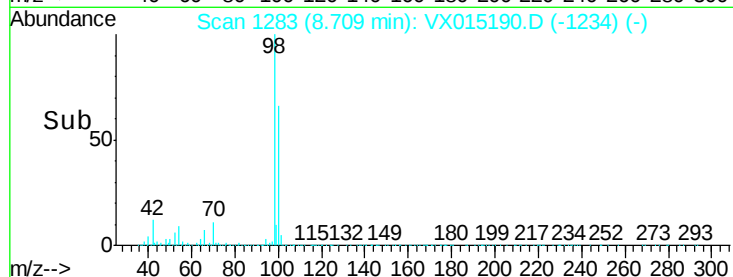
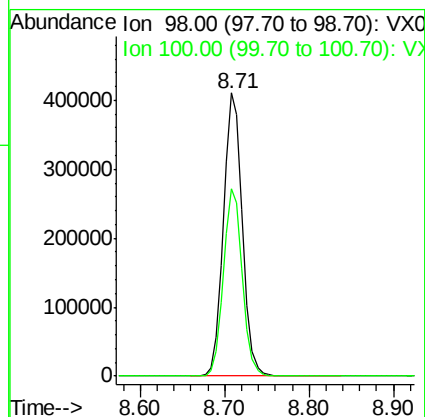
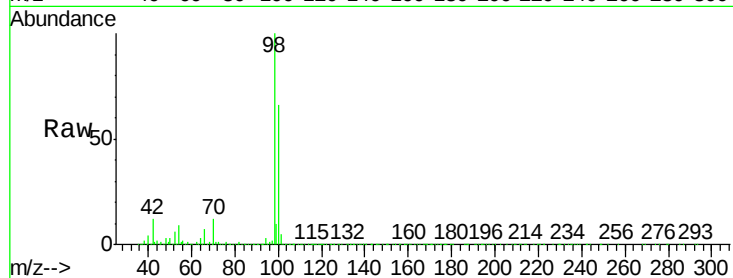
MW-3

Tgt Ion: 98 Resp: 635424

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 50.71 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

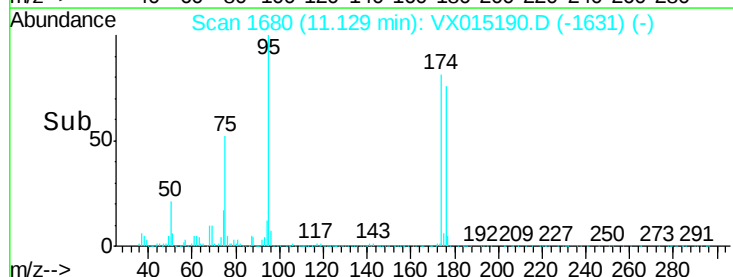
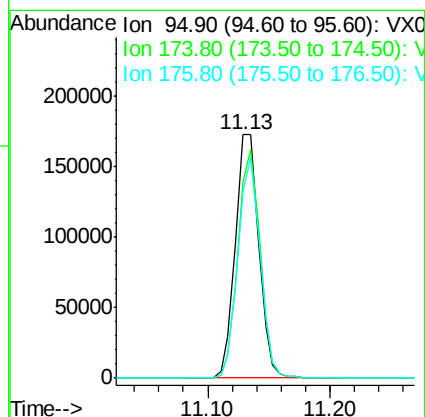
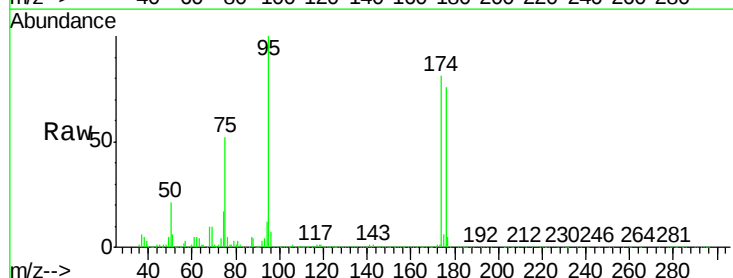
Tgt Ion: 95 Resp: 227990

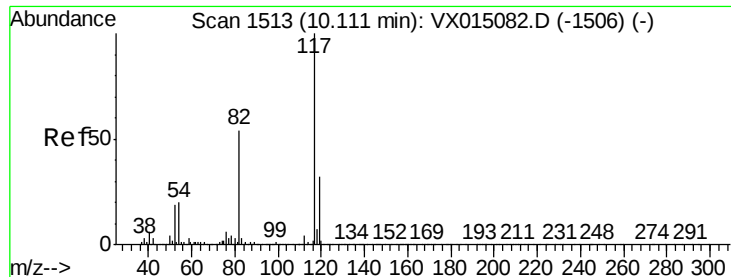
Ion Ratio Lower Upper

95 100

174 89.4 0.0 177.6

176 85.7 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

MW-3

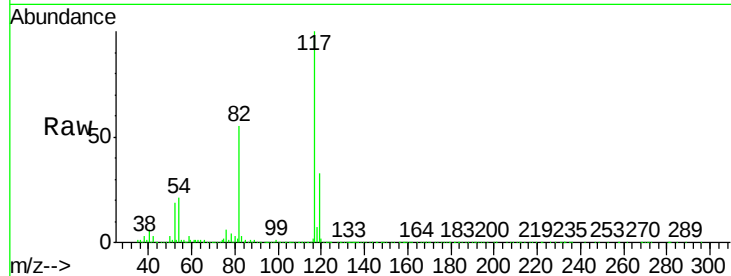
Tgt Ion:117 Resp: 501329

Ion Ratio Lower Upper

117 100

82 55.1 43.3 64.9

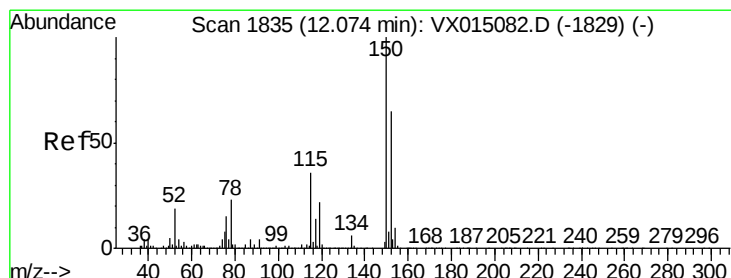
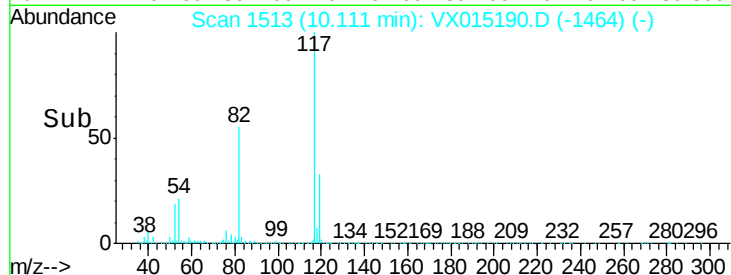
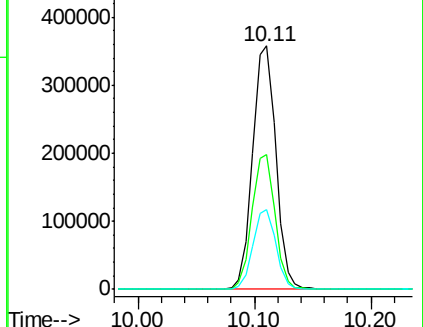
119 32.5 25.8 38.8



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: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX015190.D

Acq: 11 Mar 2020 11:15

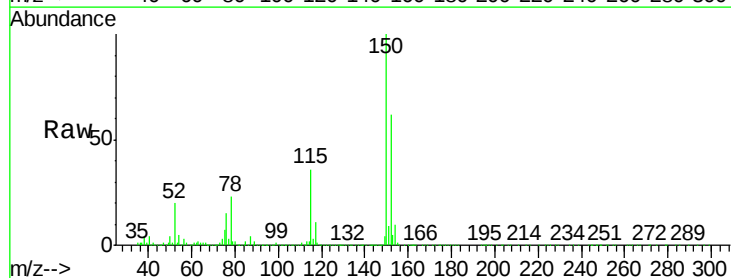
Tgt Ion:152 Resp: 248510

Ion Ratio Lower Upper

152 100

115 56.8 38.2 114.6

150 158.3 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

