

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013813.D
 Acq On : 06 Dec 2019 21:18
 Operator : JC/SP
 Sample : VX1206WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBL02

Quant Time: Dec 07 04:48:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	659109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1004687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	890600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	403871	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	362224	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
35) Dibromofluoromethane	5.49	113	299408	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
50) Toluene-d8	8.71	98	1183163	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.14	95	399415	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

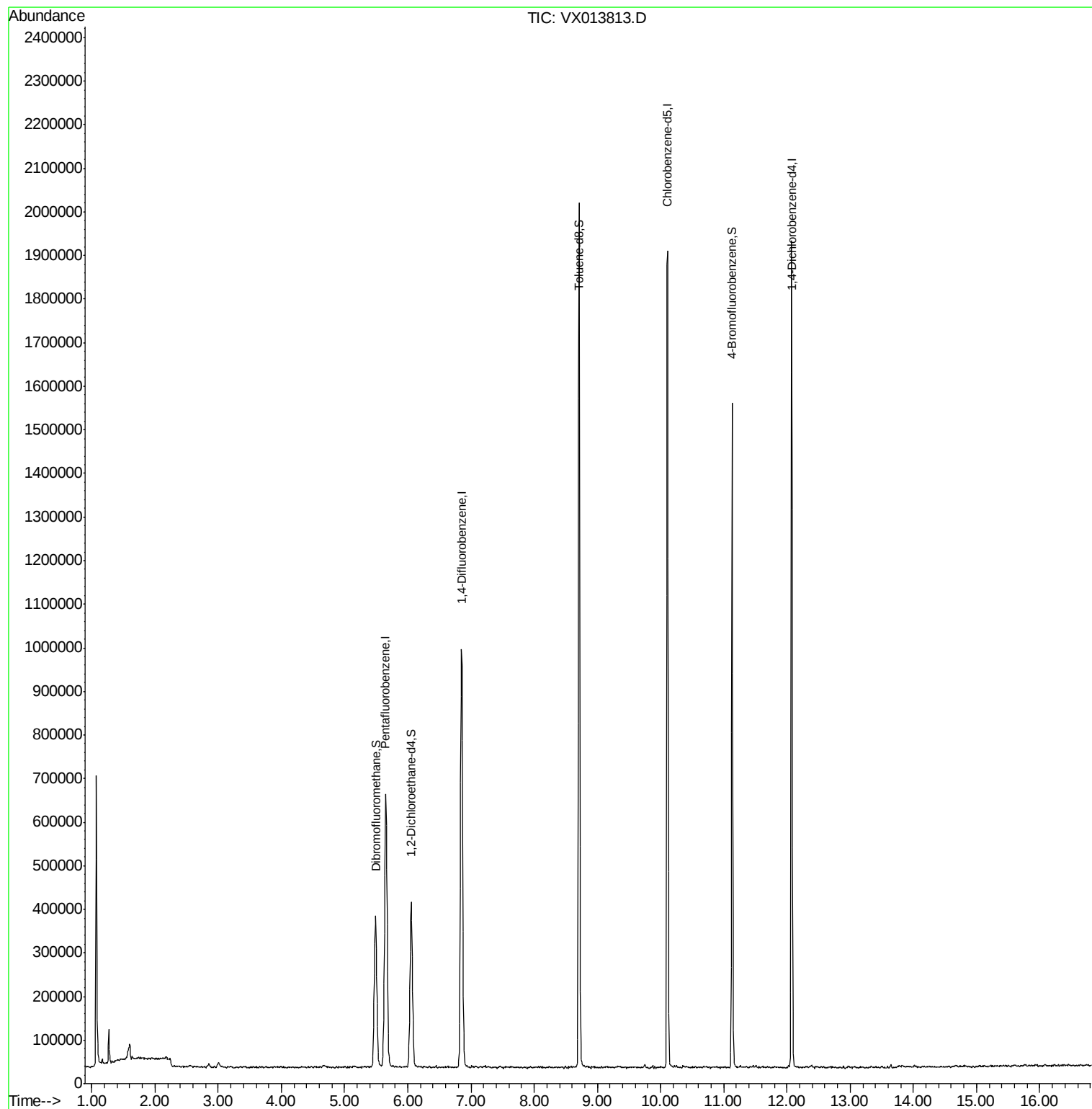
Target Compounds	Qvalue

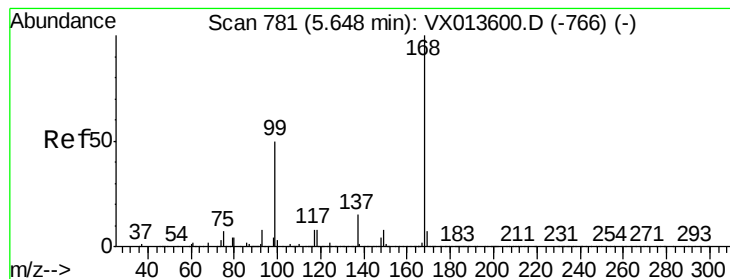
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013813.D

Acq: 06 Dec 2019 21:18

Instrument :

MSVOA_X

ClientSampleId :

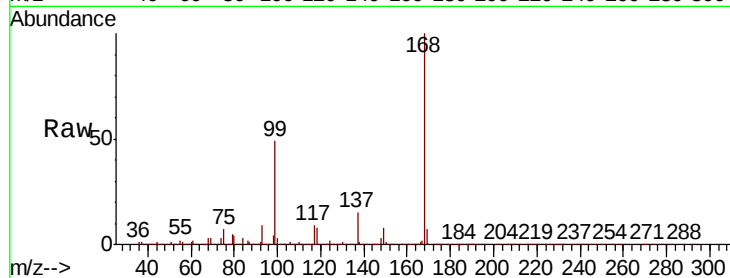
VX1206WBL02

Tot Ion:168 Resp: 659109

Ion Ratio Lower Upper

168 100

99 49.2 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

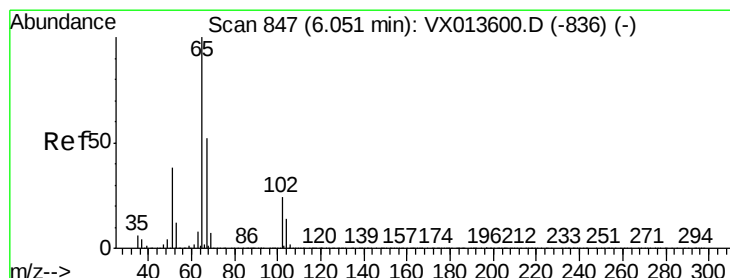
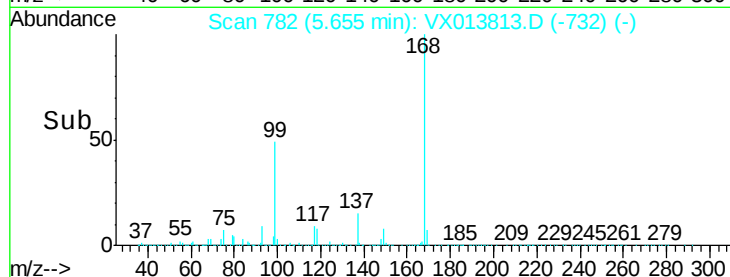
150000

100000

50000

0

Time--> 5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 47.345 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013813.D

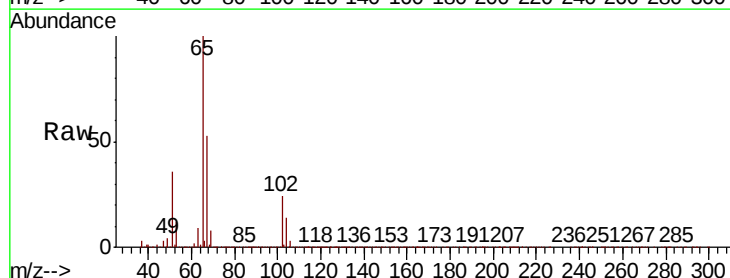
Acq: 06 Dec 2019 21:18

Tgt Ion: 65 Resp: 362224

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

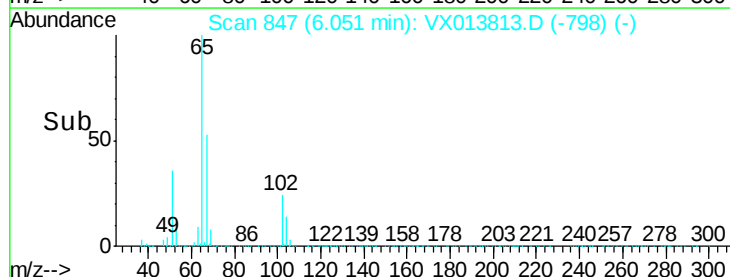
150000

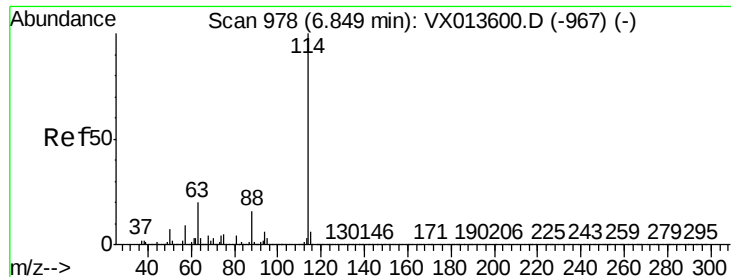
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013813.D

Acq: 06 Dec 2019 21:18

Instrument :

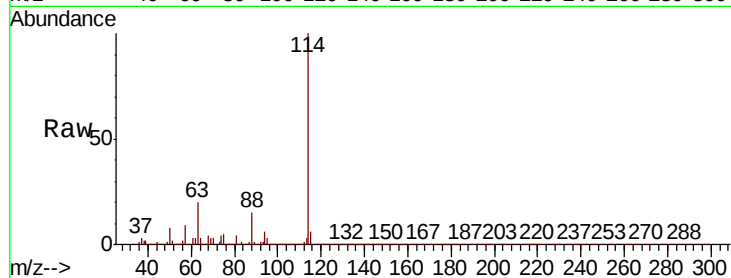
MSVOA_X

ClientSampleId :

VX1206WBL02

Tot Ion:114 Resp: 1004687

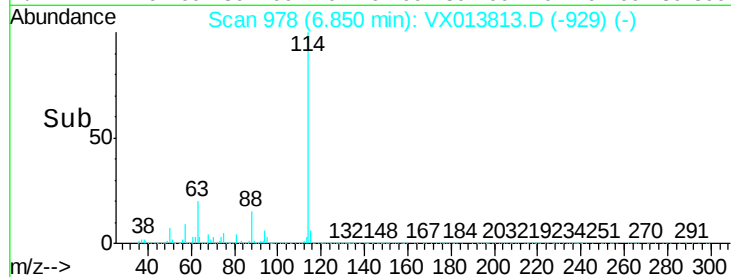
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.4	0.0	31.4



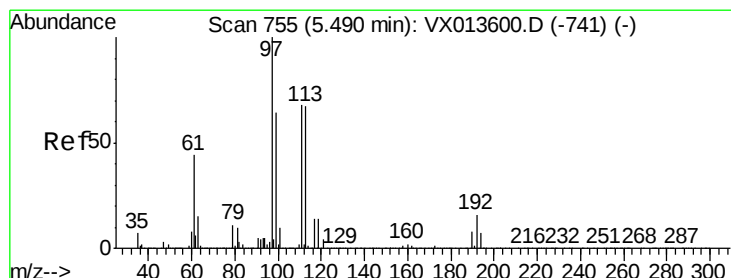
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->



#35

Dibromofluoromethane

Concen: 48.205 ug/l

RT: 5.49 min Scan# 755

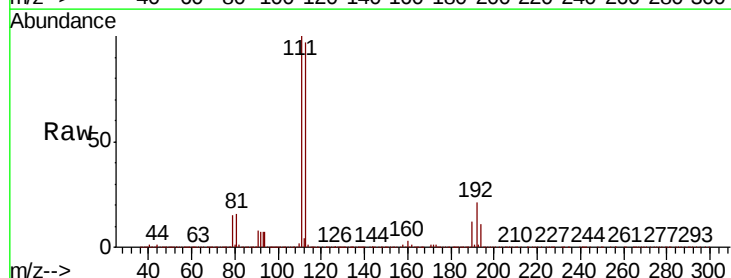
Delta R.T. 0.00 min

Lab File: VX013813.D

Acq: 06 Dec 2019 21:18

Tgt Ion:113 Resp: 299408

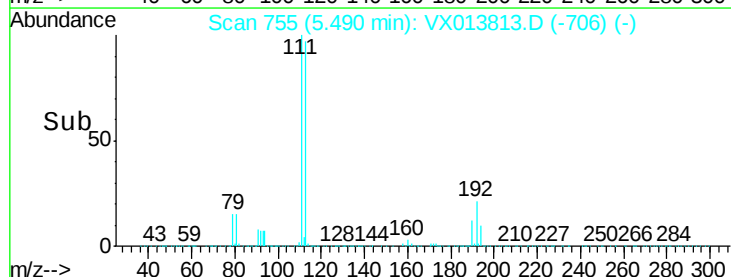
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.6	125.4
192	22.7	19.2	28.8



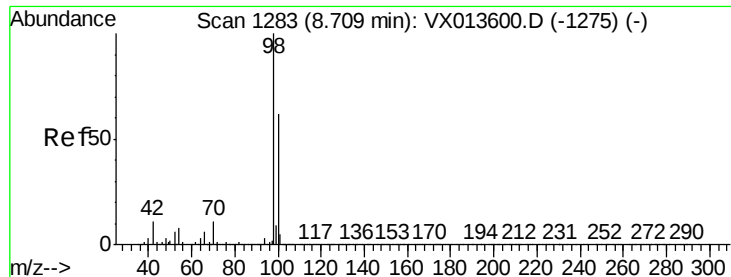
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#50

Toluene-d8

Concen: 48.893 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013813.D

Acq: 06 Dec 2019 21:18

Instrument :

MSVOA_X

ClientSampleId :

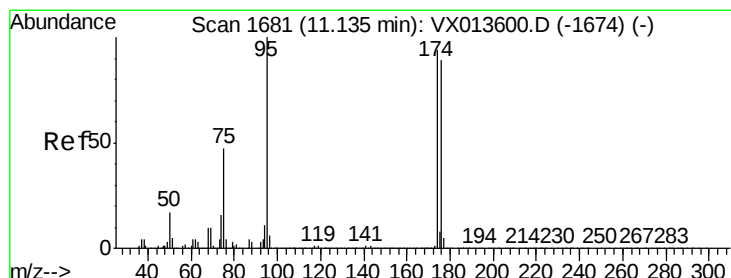
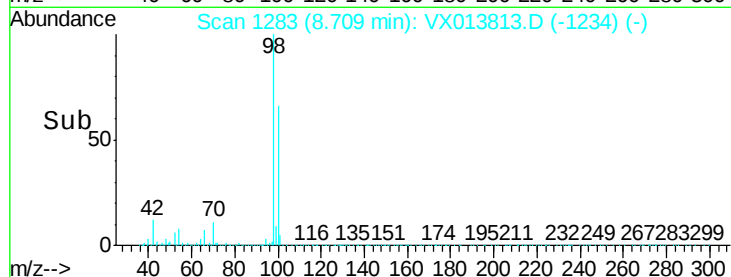
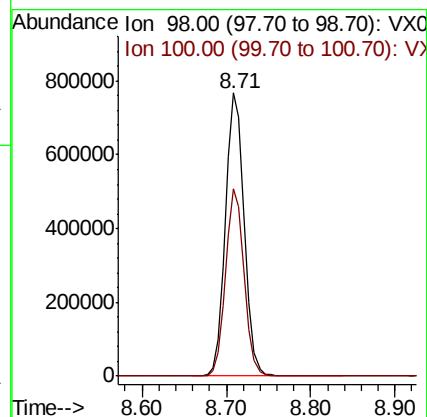
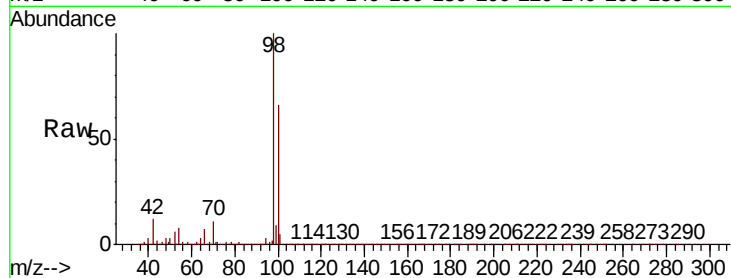
VX1206WBL02

Tot Ion: 98 Resp: 1183163

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.771 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013813.D

Acq: 06 Dec 2019 21:18

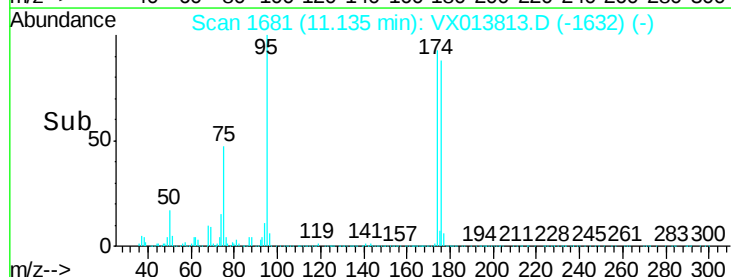
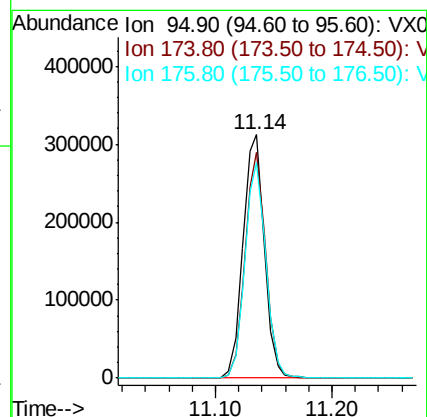
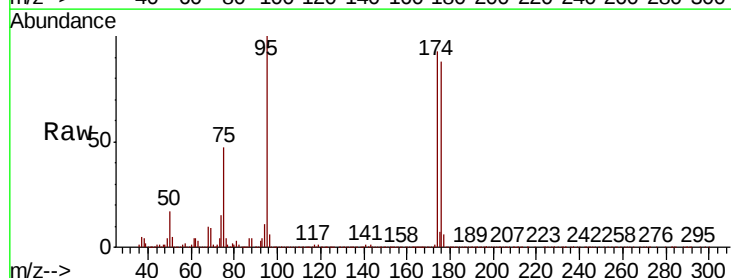
Tgt Ion: 95 Resp: 399415

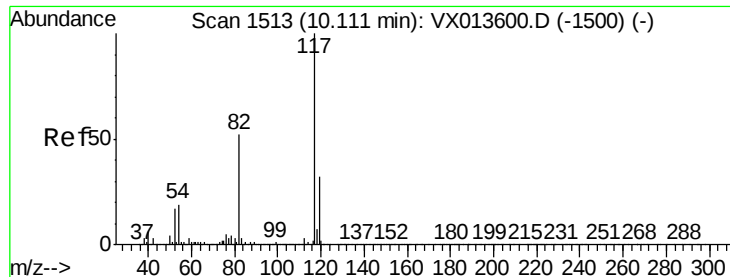
Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.0

176 86.9 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013813.D

Acq: 06 Dec 2019 21:18

Instrument :

MSVOA_X

ClientSampleId :

VX1206WBL02

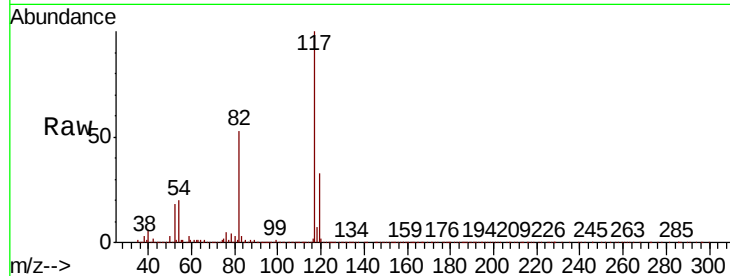
Tot Ion:117 Resp: 890600

Ion Ratio Lower Upper

117 100

82 53.0 41.8 62.8

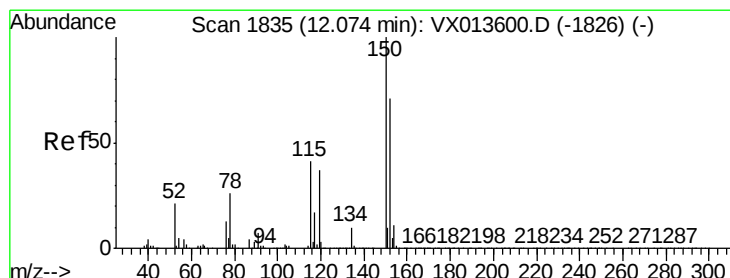
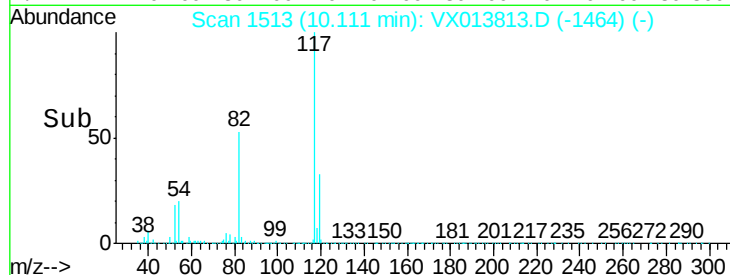
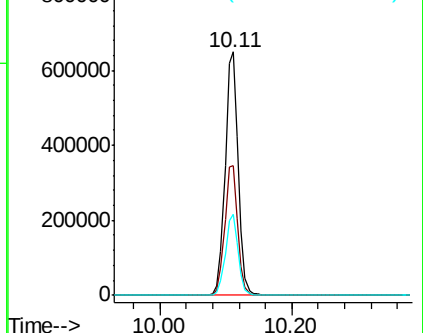
119 33.3 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

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: VX013813.D

Acq: 06 Dec 2019 21:18

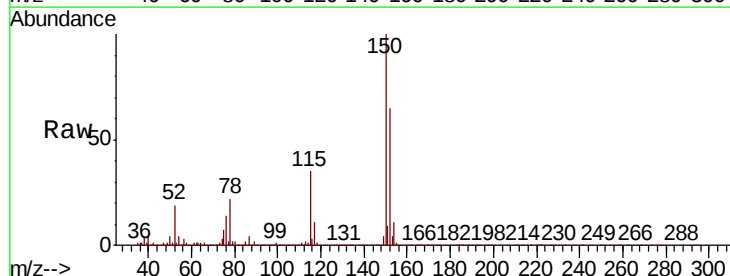
Tgt Ion:152 Resp: 403871

Ion Ratio Lower Upper

152 100

115 54.4 38.4 115.1

150 154.2 0.0 346.8



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

