

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013777.D
 Acq On : 05 Dec 2019 15:26
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 06 03:11:32 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

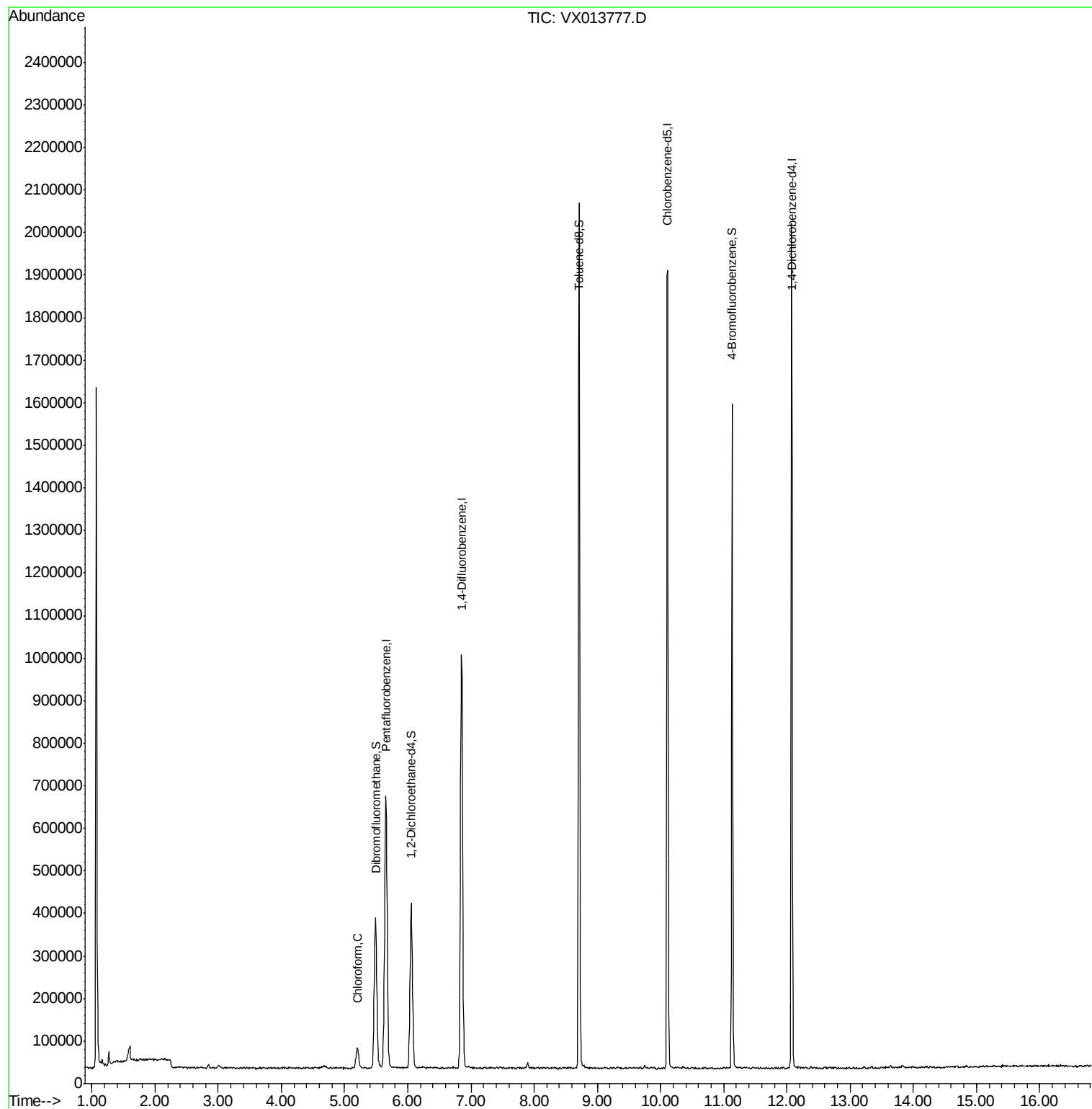
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	671682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1021118	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	907761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	413639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	368284	47.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.48%	
35) Dibromofluoromethane	5.49	113	305815	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	8.71	98	1204831	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	11.14	95	406653	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
Target Compounds						
30) Chloroform	5.20	83	59312	4.790	ug/l	Qvalue 99

(#) = 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: VX013777.D

Acq: 05 Dec 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

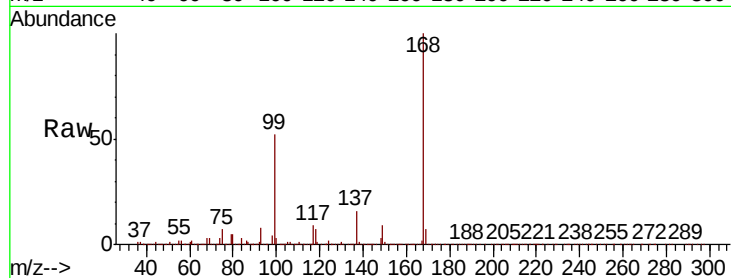
IBLK

Tot Ion:168 Resp: 671682

Ion Ratio Lower Upper

168 100

99 51.5 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

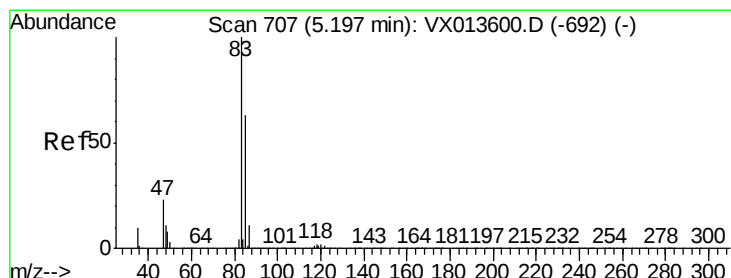
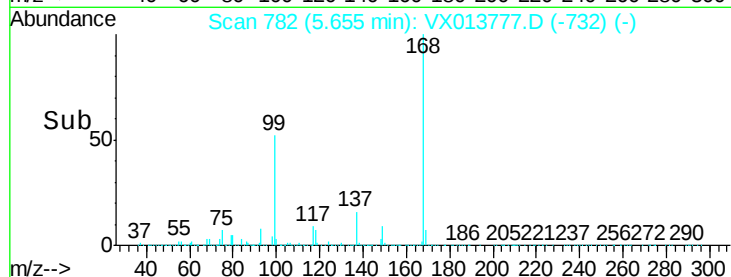
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#30

Chloroform

Concen: 4.790 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013777.D

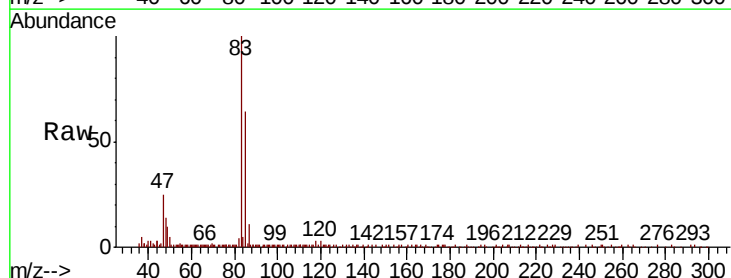
Acq: 05 Dec 2019 15:26

Tgt Ion: 83 Resp: 59312

Ion Ratio Lower Upper

83 100

85 63.5 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.20

20000

15000

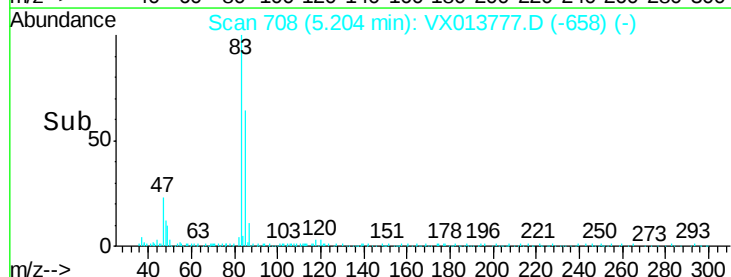
10000

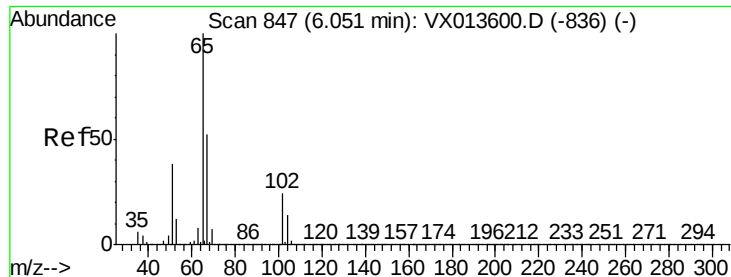
5000

0

Time-->

5.10 5.20 5.30





#33

1,2-Dichloroethane-d4

Concen: 47.236 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013777.D

Acq: 05 Dec 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

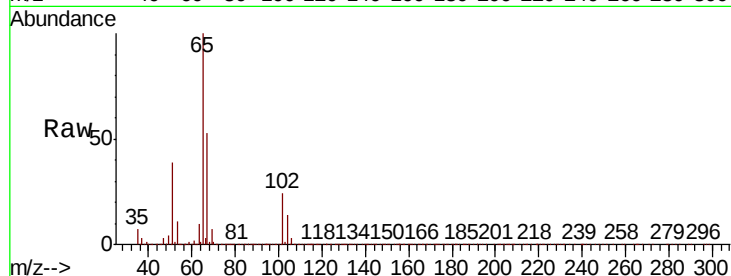
IBLK

Tot Ion: 65 Resp: 368284

Ion Ratio Lower Upper

65 100

67 52.3 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

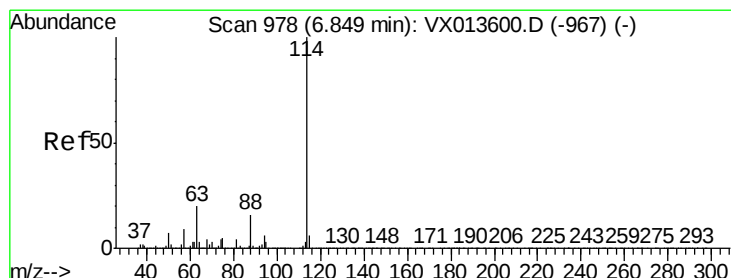
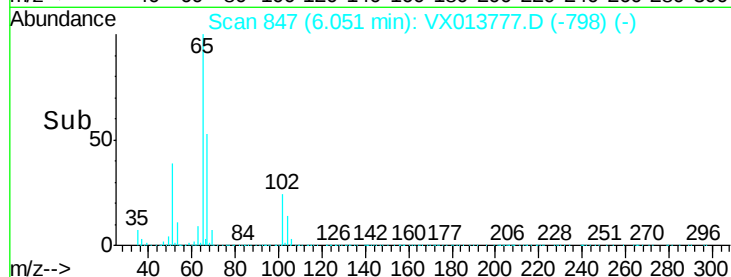
150000

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: VX013777.D

Acq: 05 Dec 2019 15:26

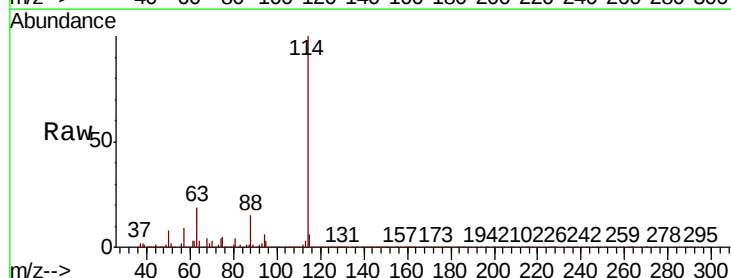
Tgt Ion: 114 Resp: 1021118

Ion Ratio Lower Upper

114 100

63 19.2 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

600000

500000

400000

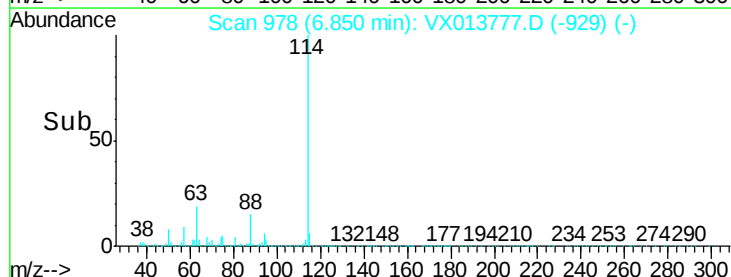
300000

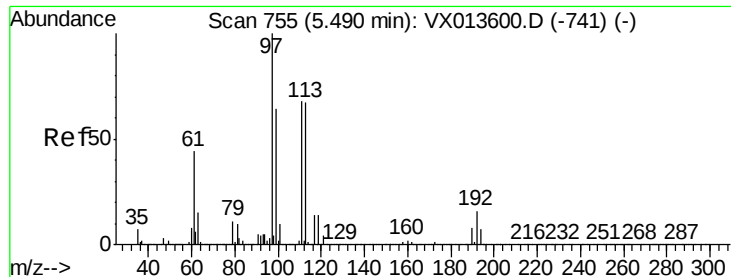
200000

100000

0

Time--> 6.70 6.80 6.90 7.00

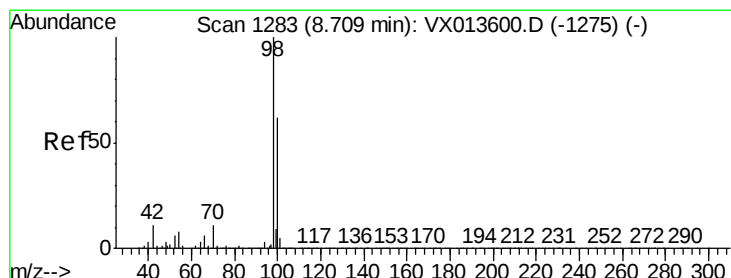
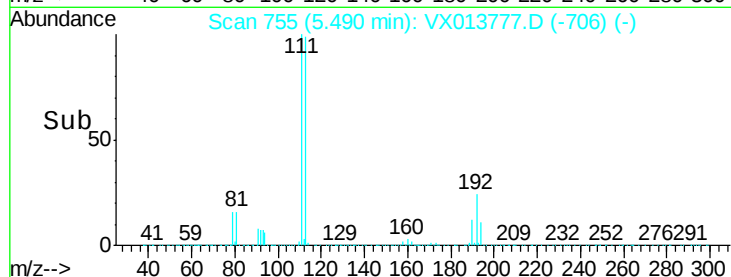
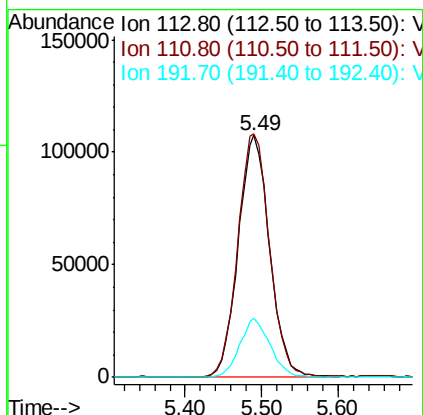
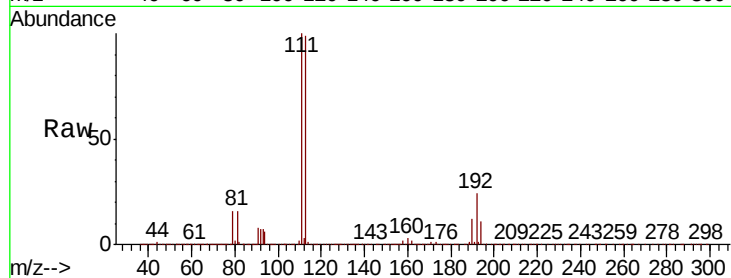




#35
 Dibromofluoromethane
 Concen: 48.445 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013777.D
 Acq: 05 Dec 2019 15:26

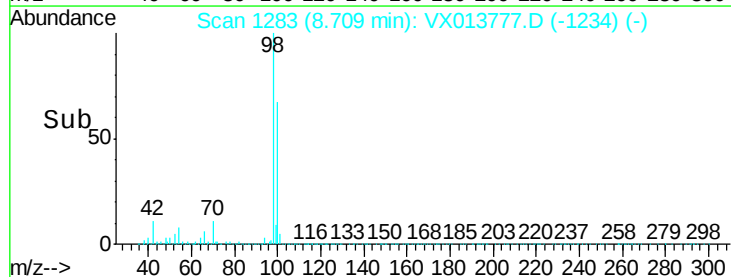
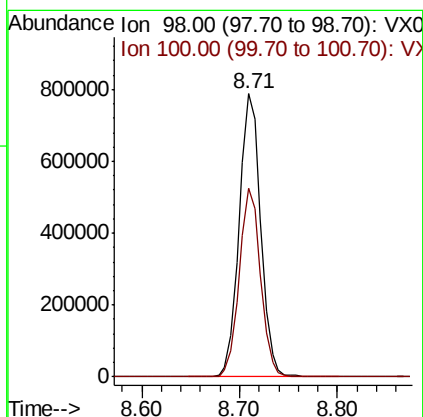
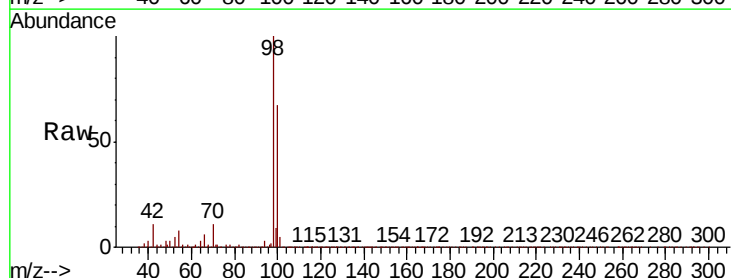
Instrument :
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 IBLK

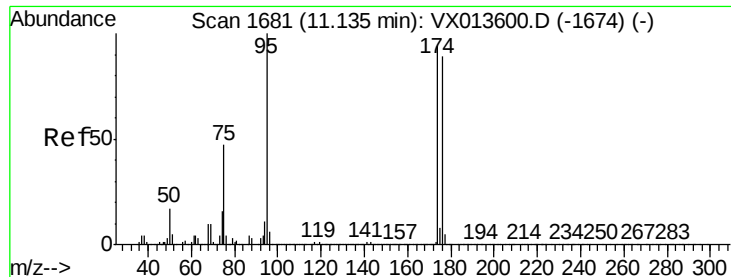
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.6	125.4
192	23.8	19.2	28.8



#50
 Toluene-d8
 Concen: 48.987 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX013777.D
 Acq: 05 Dec 2019 15:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7





#62

4-Bromofluorobenzene

Concen: 45.851 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013777.D

Acq: 05 Dec 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

IBLK

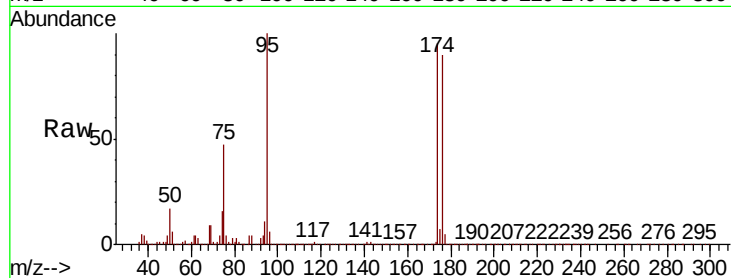
Tot Ion: 95 Resp: 406653

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.0

176 88.3 0.0 173.6



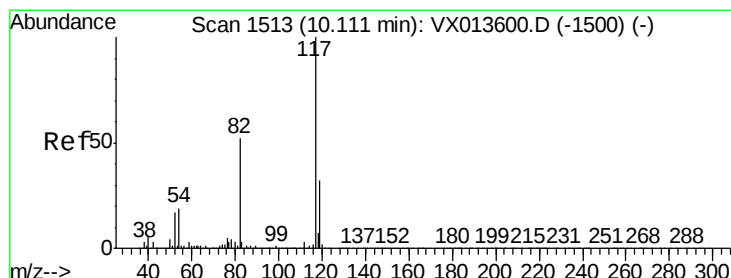
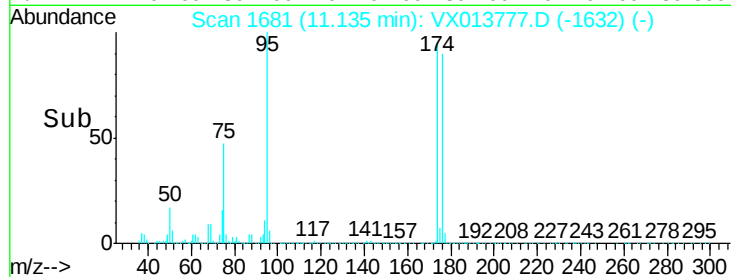
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013777.D

Acq: 05 Dec 2019 15:26

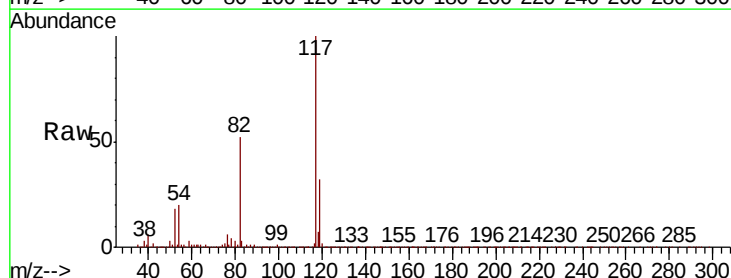
Tgt Ion: 117 Resp: 907761

Ion Ratio Lower Upper

117 100

82 51.5 41.8 62.8

119 31.9 25.8 38.8



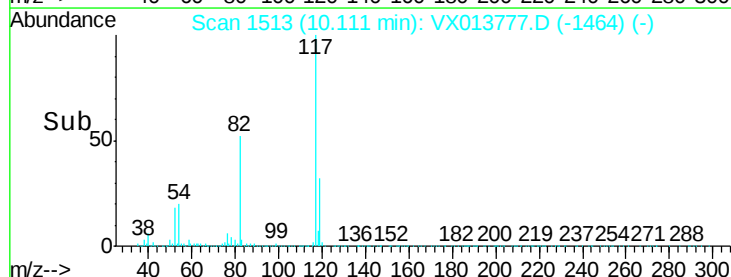
Abundance Ion 116.90 (116.60 to 117.60): V

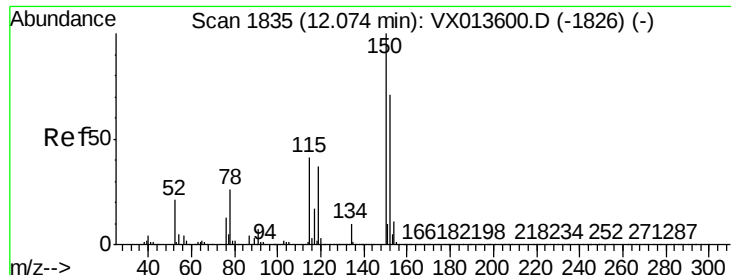
Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

10.11

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013777.D

Acq: 05 Dec 2019 15:26

Instrument :

MSVOA_X

ClientSampleId :

IBLK

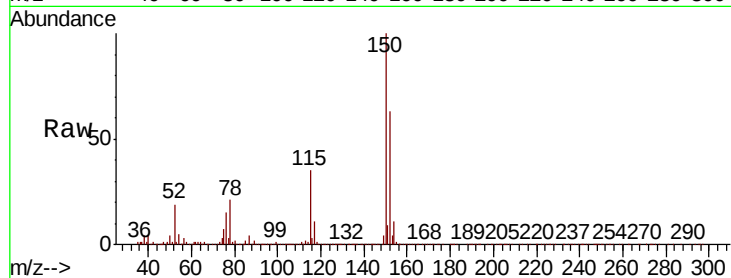
Tot Ion:152 Resp: 413639

Ion Ratio Lower Upper

152 100

115 55.7 38.4 115.1

150 156.7 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

