

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120519\
 Data File : VX013774.D
 Acq On : 05 Dec 2019 14:16
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 06 03:00:33 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

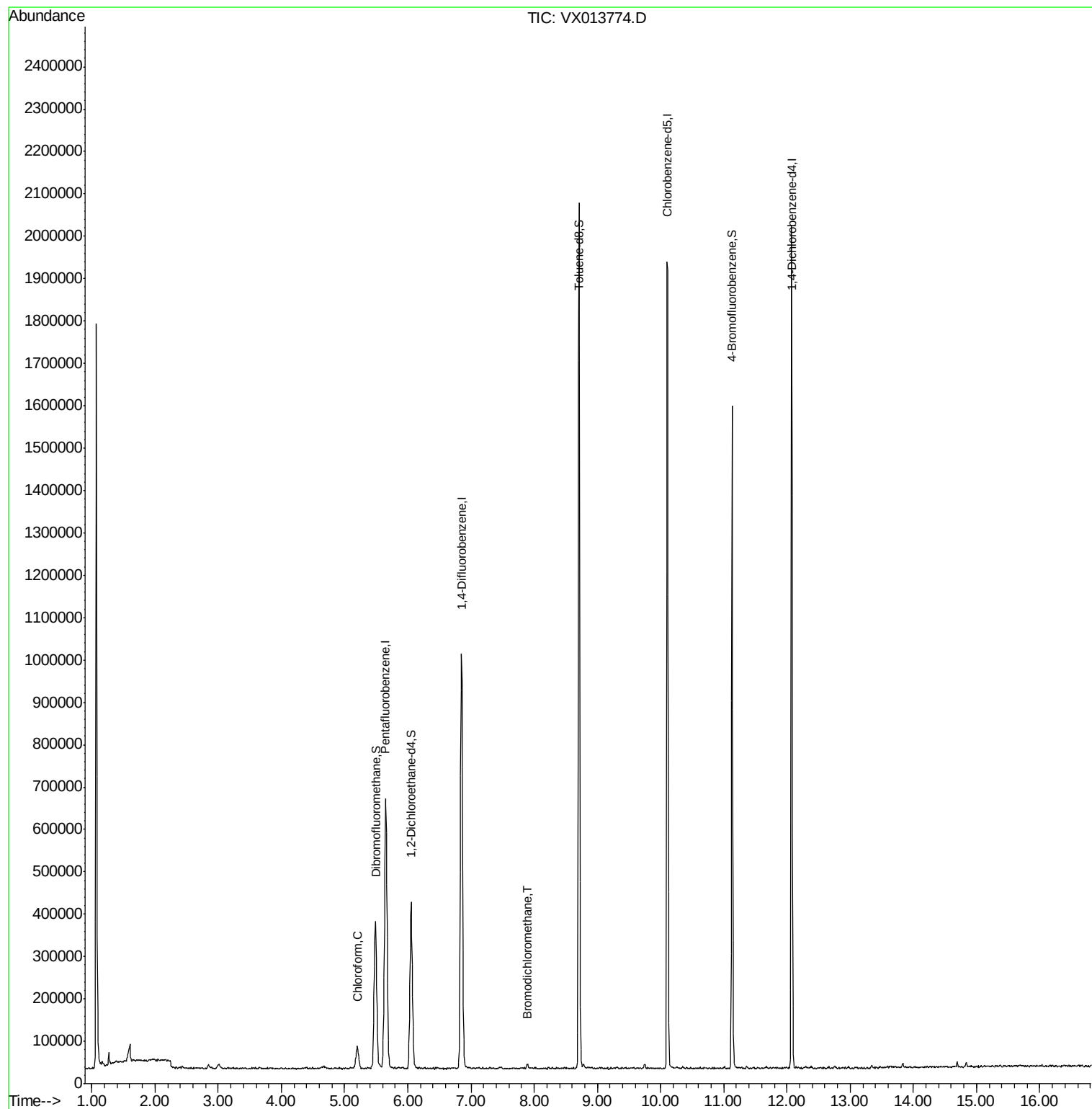
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	663963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1014536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	904037	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	421275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	359574	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
35) Dibromofluoromethane	5.48	113	301076	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	1198859	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.13	95	411361	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
Target Compounds						
30) Chloroform	5.20	83	62540	5.109	ug/l	94
47) Bromodichloromethane	7.89	83	8330	0.924	ug/l #	98

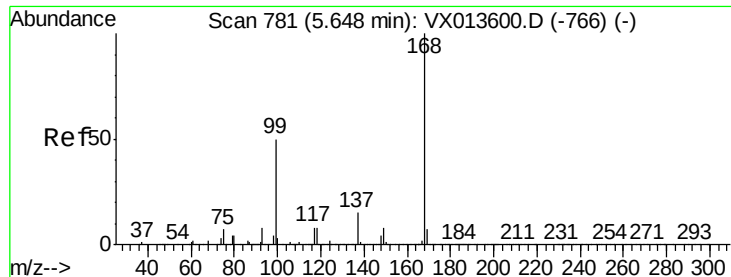
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013774.D

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Instrument :

MSVOA_X

ClientSampleId :

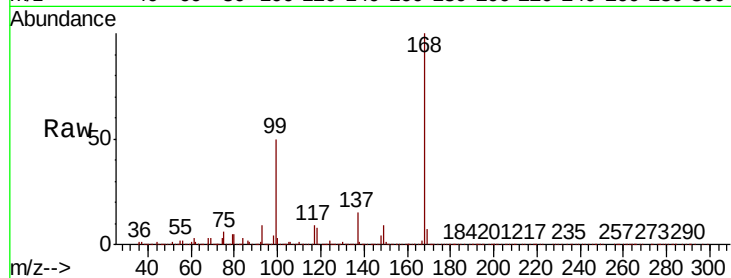
IBLK

Tot Ion:168 Resp: 663963

Ion Ratio Lower Upper

168 100

99 50.4 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

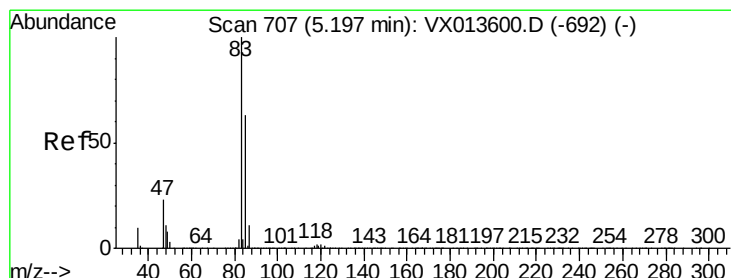
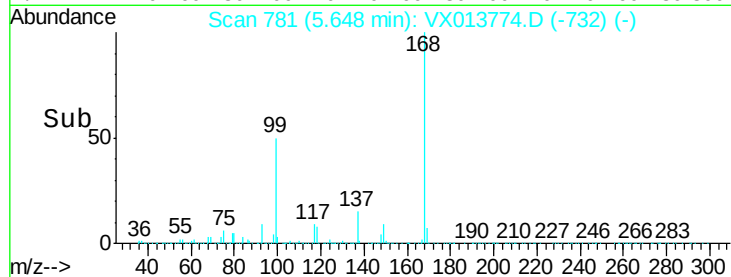
150000

100000

50000

0

Time-->



#30

Chloroform

Concen: 5.109 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013774.D

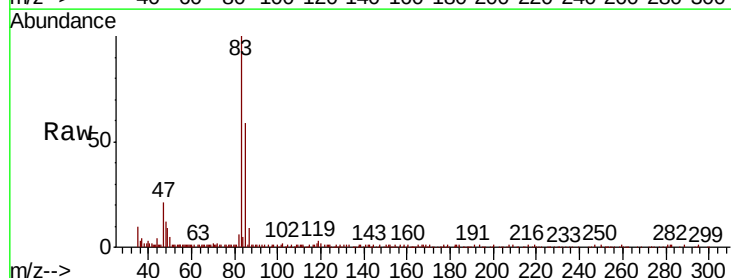
Acq: 05 Dec 2019 14:16

Tgt Ion: 83 Resp: 62540

Ion Ratio Lower Upper

83 100

85 58.4 50.2 75.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

25000

20000

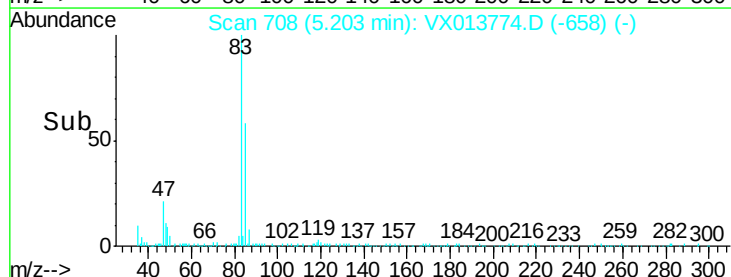
15000

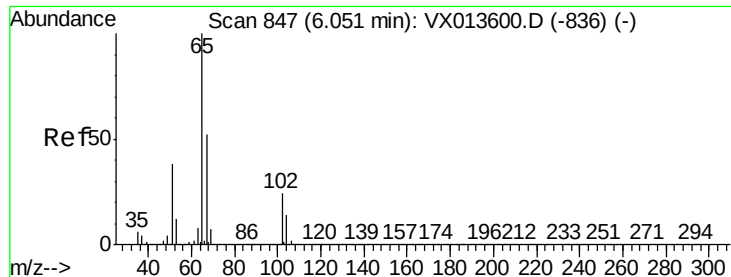
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.655 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013774.D

Acq: 05 Dec 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

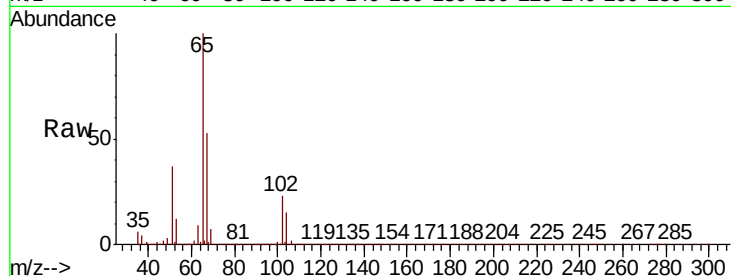
IBLK

Tot Ion: 65 Resp: 359574

Ion Ratio Lower Upper

65 100

67 53.3 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

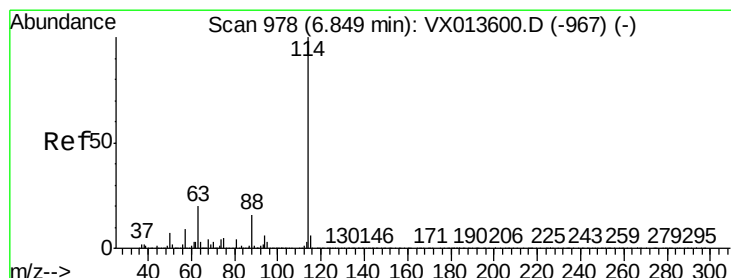
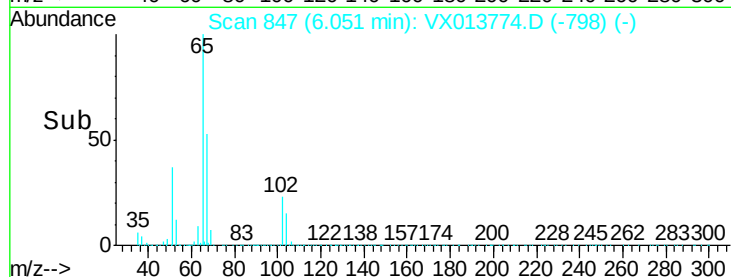
150000

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: VX013774.D

Acq: 05 Dec 2019 14:16

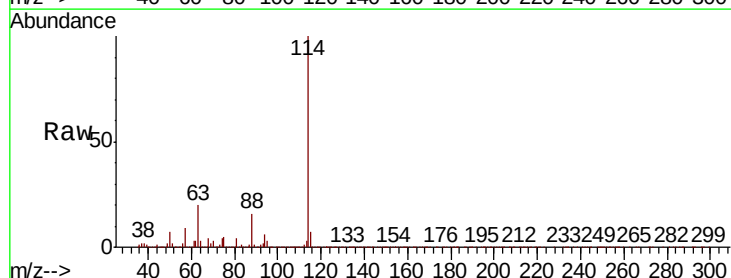
Tgt Ion: 114 Resp: 1014536

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.6 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

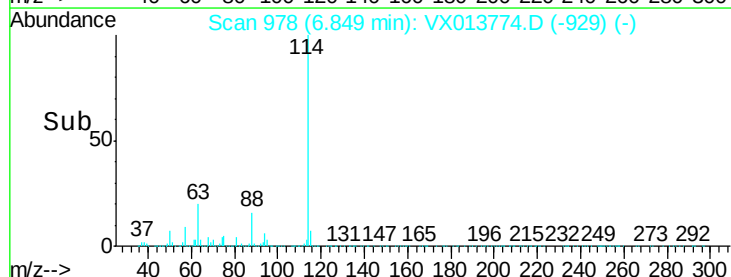
300000

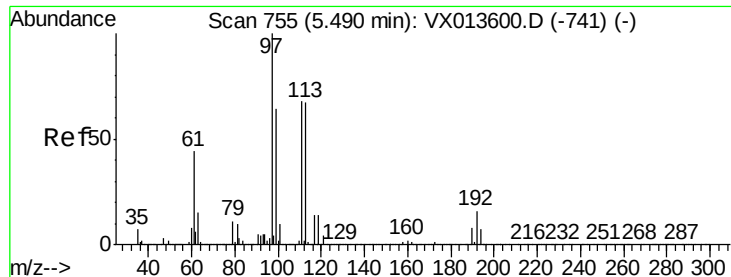
200000

100000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.003 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013774.D

Acq: 05 Dec 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

IBLK

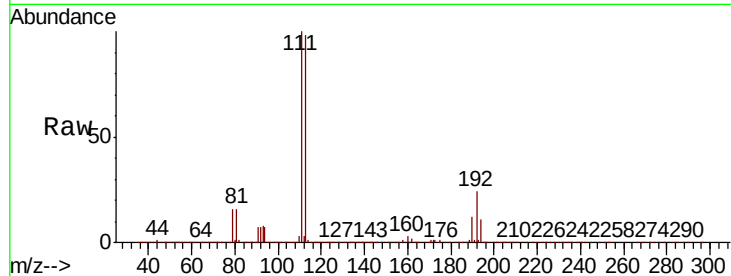
Tot Ion:113 Resp: 301076

Ion Ratio Lower Upper

113 100

111 102.1 83.6 125.4

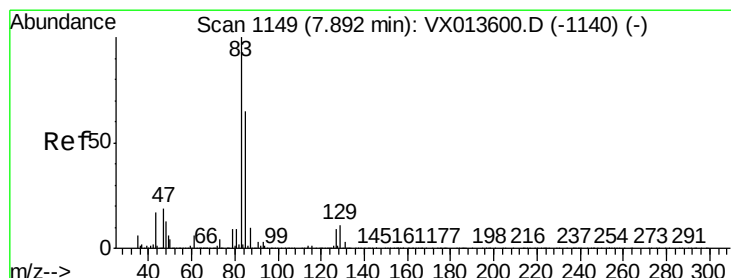
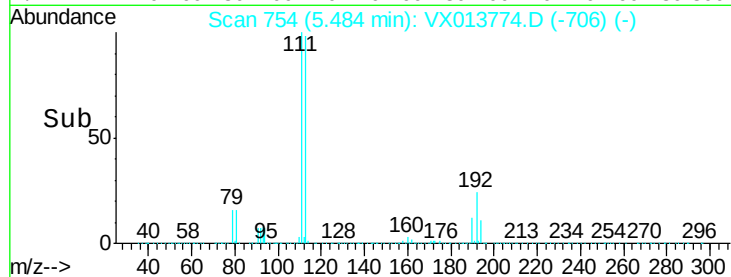
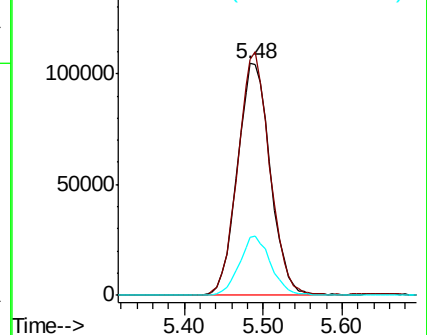
192 24.6 19.2 28.8



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



#47

Bromodichloromethane

Concen: 0.924 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013774.D

Acq: 05 Dec 2019 14:16

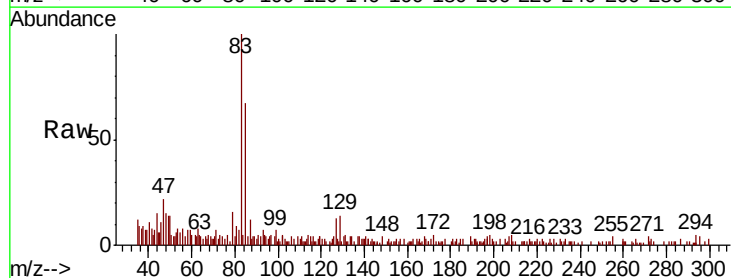
Tgt Ion: 83 Resp: 8330

Ion Ratio Lower Upper

83 100

85 63.9 52.1 78.1

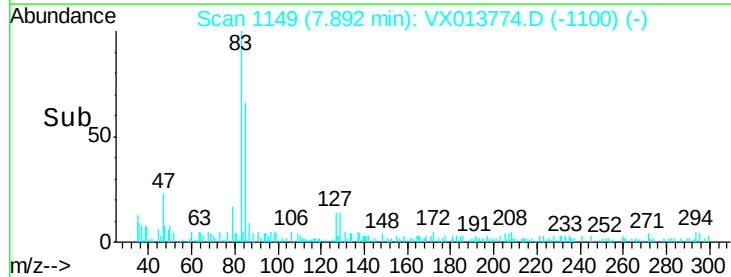
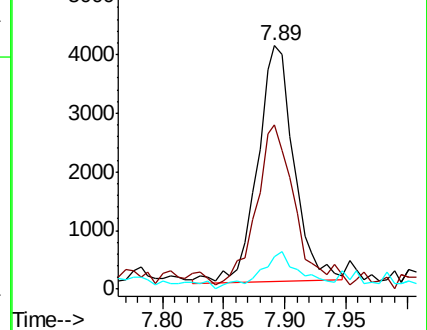
127 11.1 7.0 10.4#

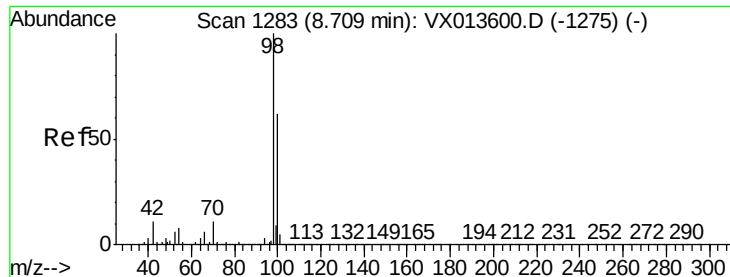


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 49.060 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013774.D

Acq: 05 Dec 2019 14:16

Instrument :

MSVOA_X

ClientSampleId :

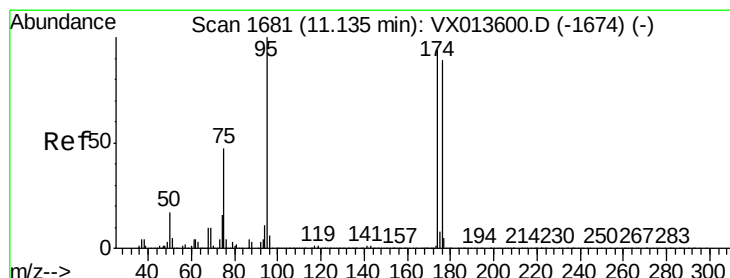
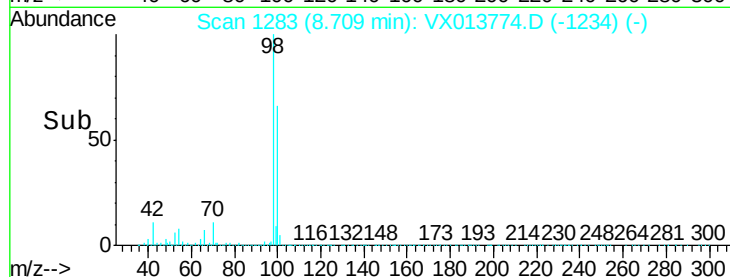
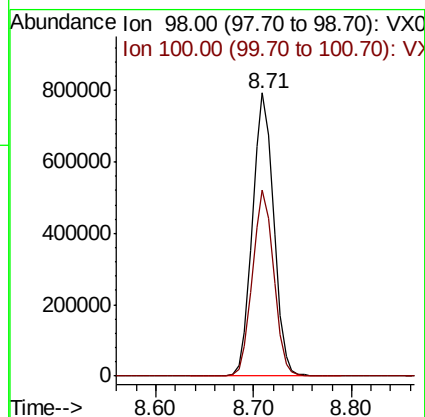
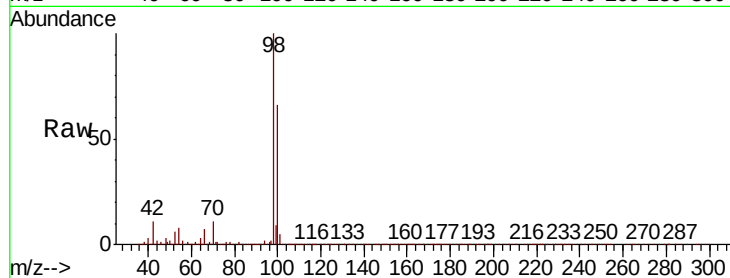
IBLK

Tot Ion: 98 Resp: 1198859

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 46.683 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013774.D

Acq: 05 Dec 2019 14:16

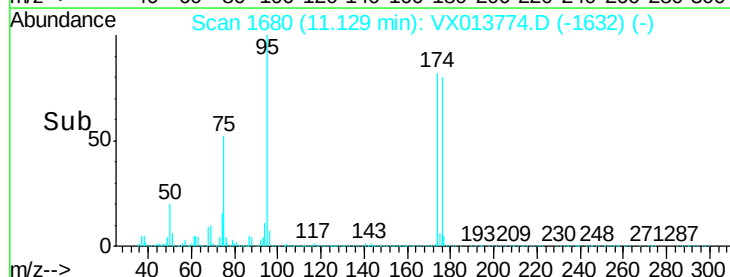
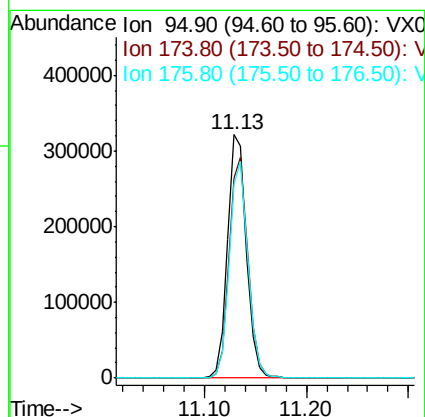
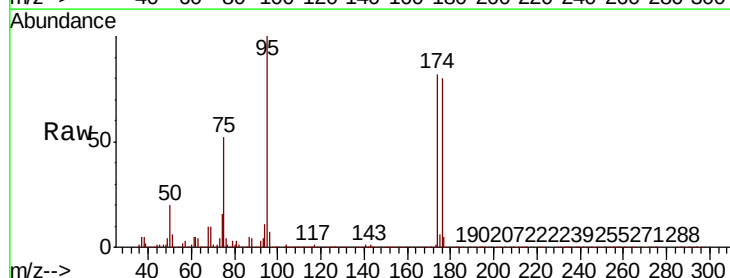
Tgt Ion: 95 Resp: 411361

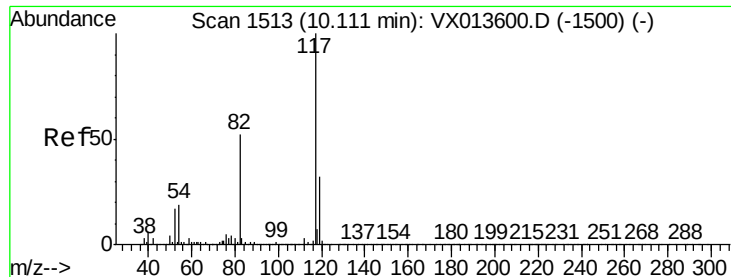
Ion Ratio Lower Upper

95 100

174 89.9 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: VX013774.D

Acq: 05 Dec 2019 14:16

Instrument :

MSVOA_X

ClientSampled :

IBLK

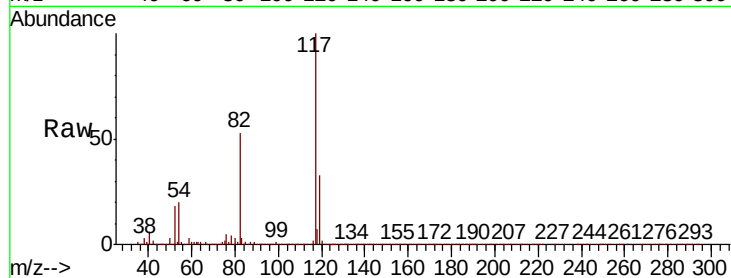
Tot Ion:117 Resp: 904037

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

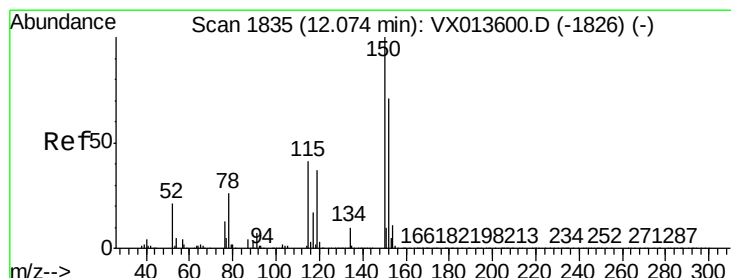
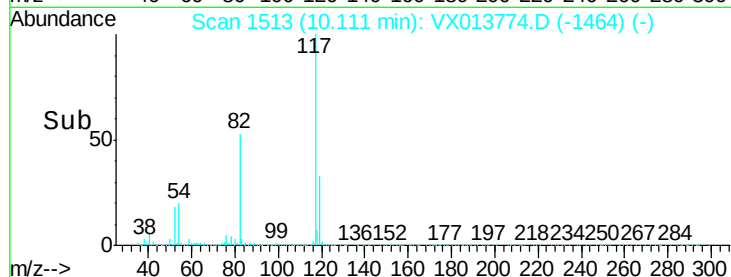
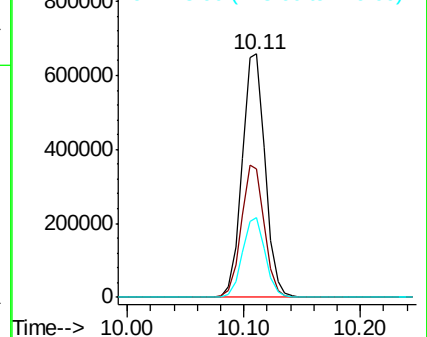
119 32.8 25.8 38.8



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: VX013774.D

Acq: 05 Dec 2019 14:16

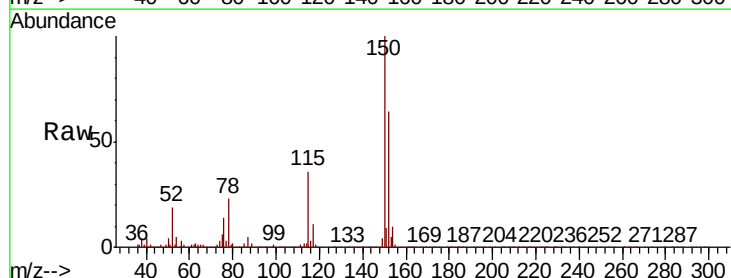
Tgt Ion:152 Resp: 421275

Ion Ratio Lower Upper

152 100

115 55.7 38.4 115.1

150 155.7 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

