

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013972.D
 Acq On : 12 Dec 2019 14:03
 Operator : JC/SP
 Sample : K6184-14DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20191203DL

Quant Time: Dec 13 03:23:10 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

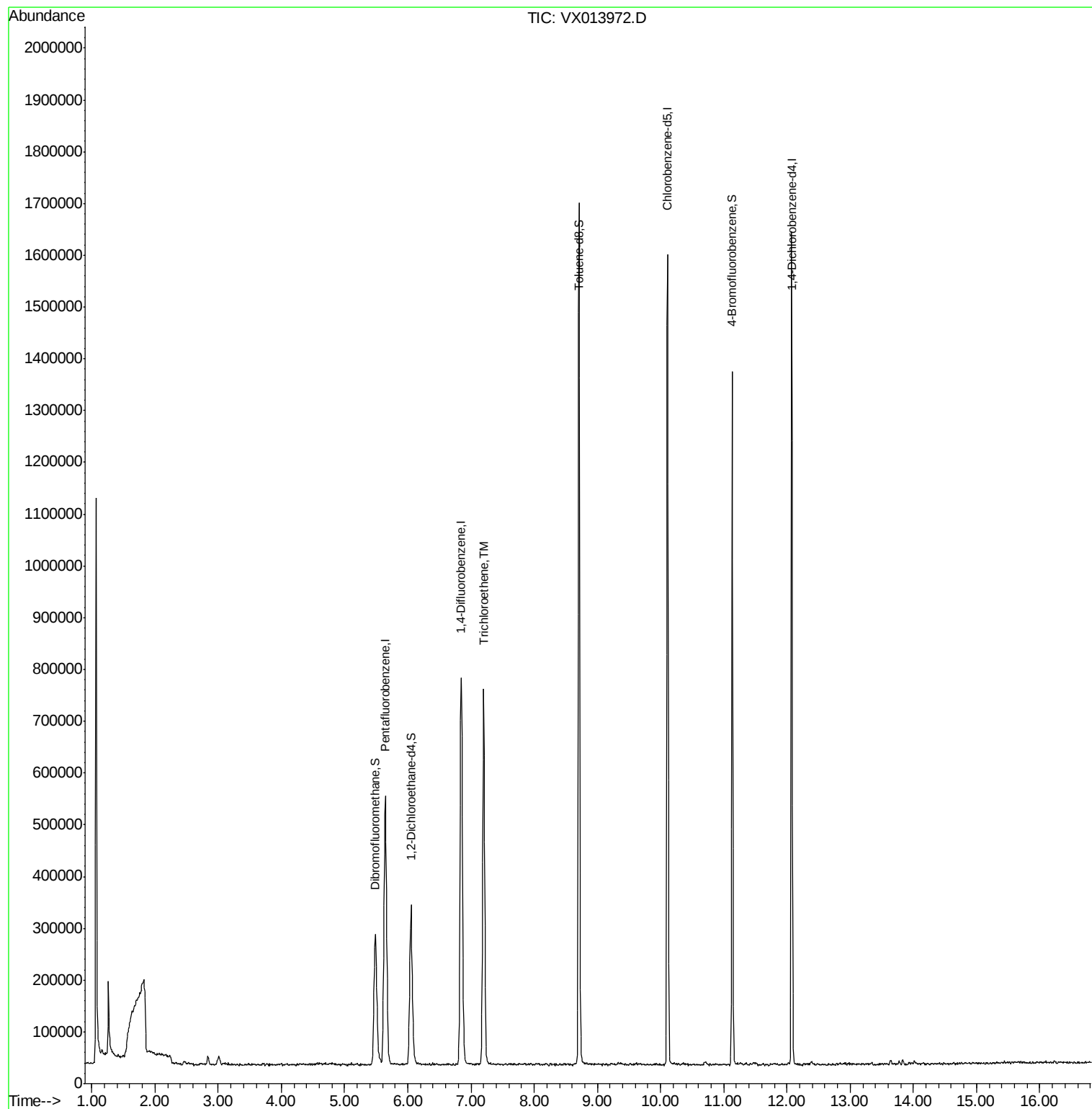
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	557018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	851066	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	758126	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	309038	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
35) Dibromofluoromethane	5.48	113	243510	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	8.71	98	1012648	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.14	95	338137	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
Target Compounds						
44) Trichloroethene	7.20	130	298070	46.158	ug/l	Qvalue 100

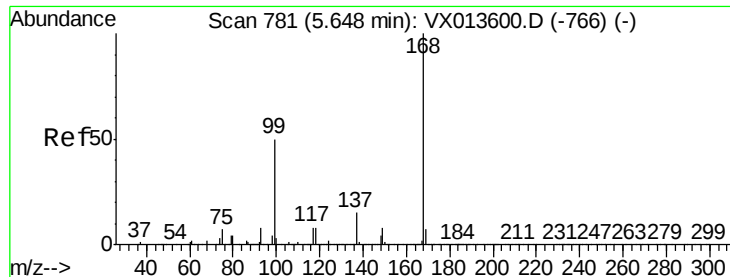
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX013972.D

Acq: 12 Dec 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

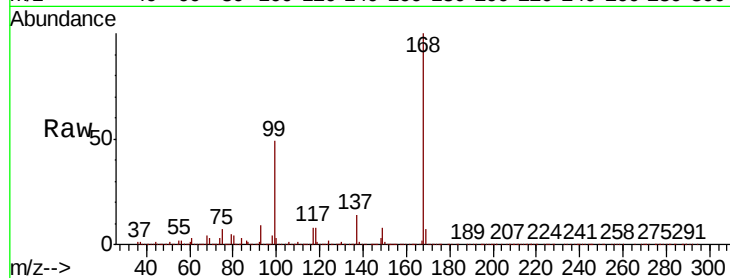
RE122D2-20191203DL

Tot Ion:168 Resp: 557018

Ion Ratio Lower Upper

168 100

99 48.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

200000

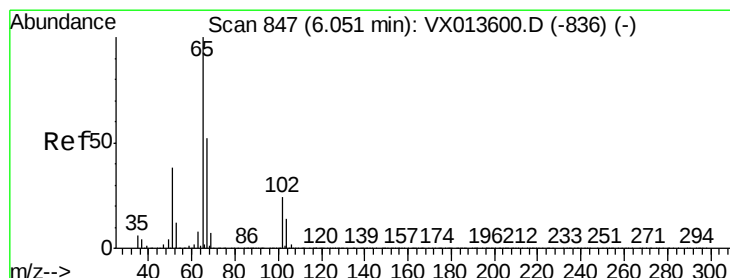
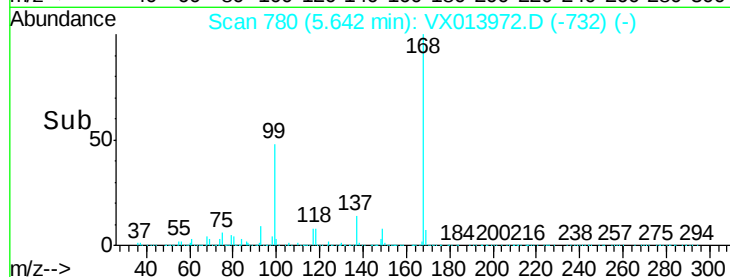
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.796 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013972.D

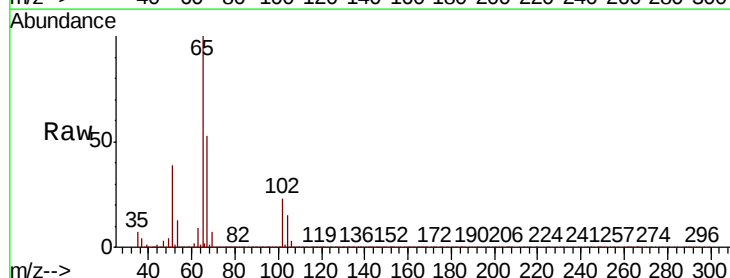
Acq: 12 Dec 2019 14:03

Tgt Ion: 65 Resp: 309038

Ion Ratio Lower Upper

65 100

67 53.1 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

120000

100000

80000

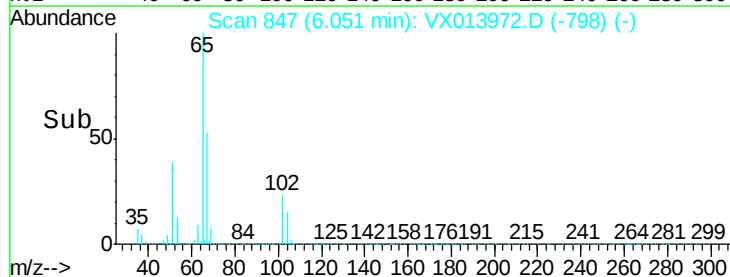
60000

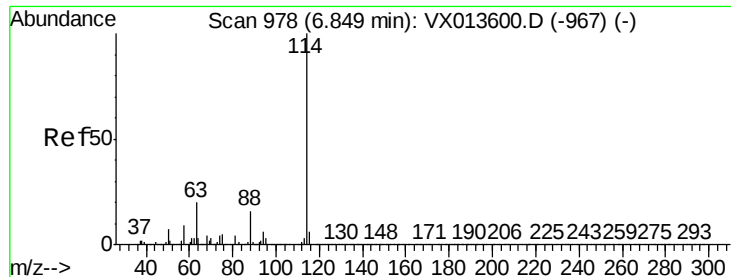
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013972.D

Acq: 12 Dec 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20191203DL

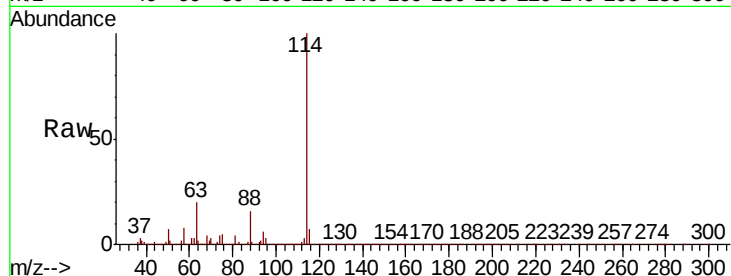
Tot Ion:114 Resp: 851066

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

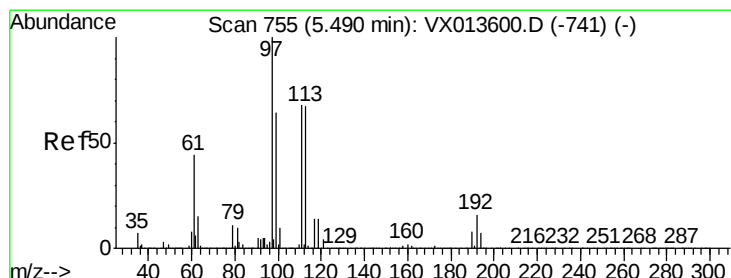
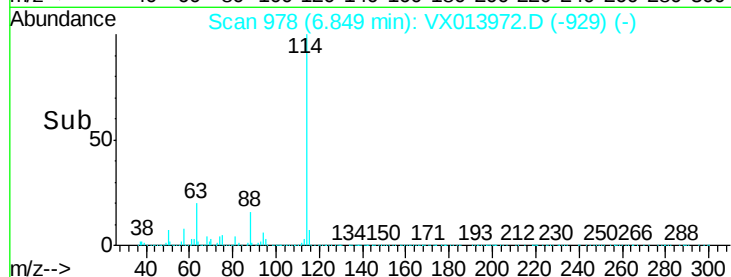
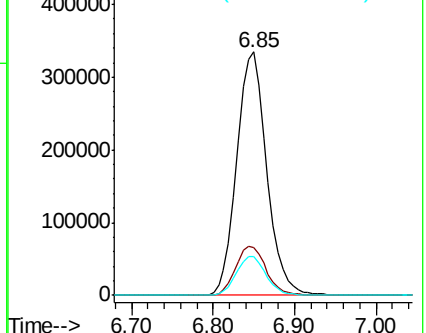
88 15.8 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 46.282 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013972.D

Acq: 12 Dec 2019 14:03

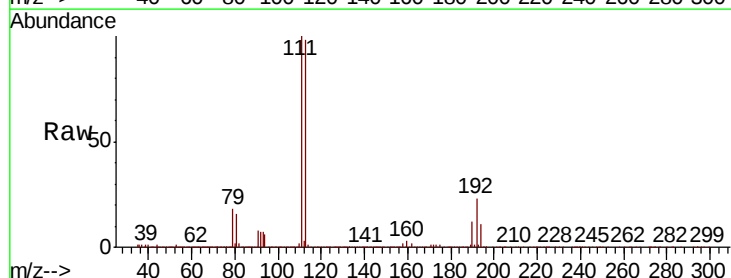
Tgt Ion:113 Resp: 243510

Ion Ratio Lower Upper

113 100

111 103.0 83.6 125.4

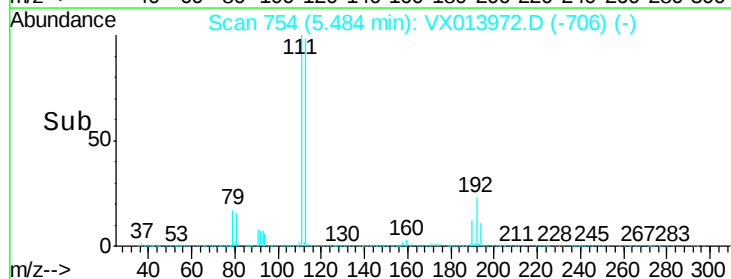
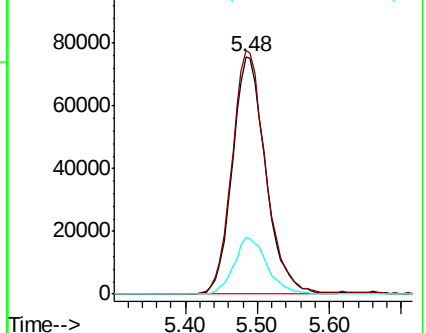
192 23.8 19.2 28.8

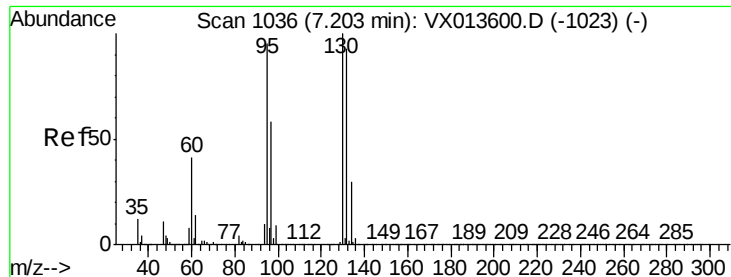


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 46.158 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013972.D

Acq: 12 Dec 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

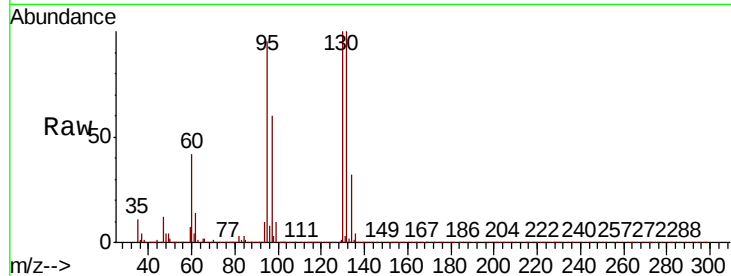
RE122D2-20191203DL

Tot Ion:130 Resp: 298070

Ion Ratio Lower Upper

130 100

95 95.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

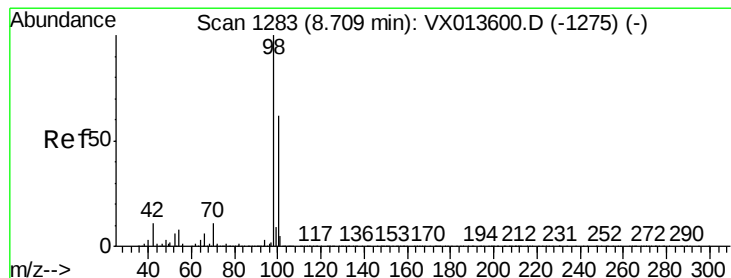
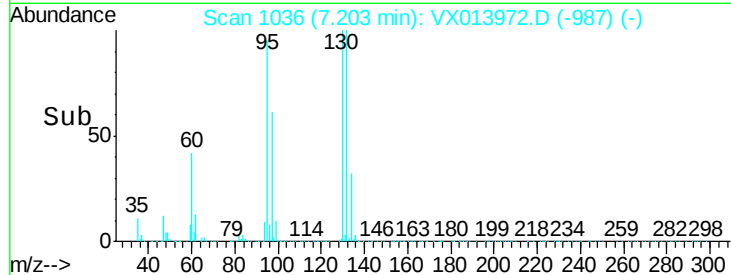
150000

100000

50000

0

Time-->



#50

Toluene-d8

Concen: 49.400 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013972.D

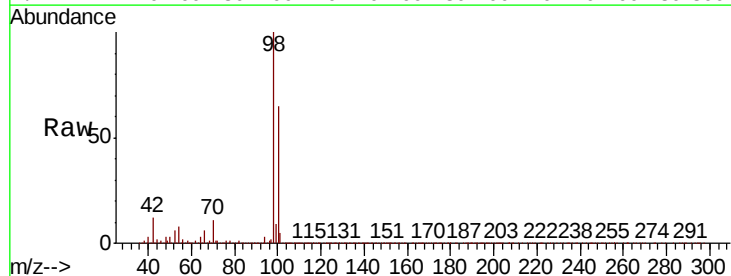
Acq: 12 Dec 2019 14:03

Tgt Ion: 98 Resp: 1012648

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

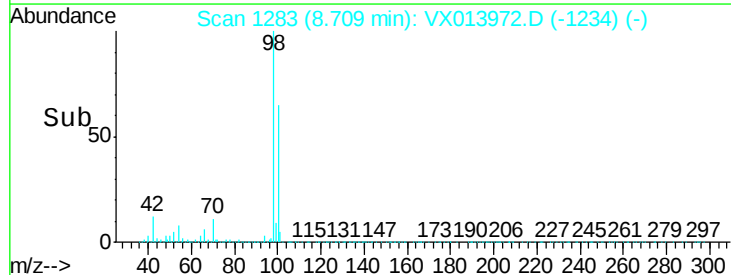
600000

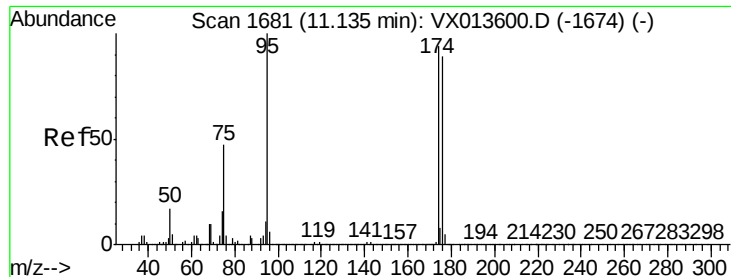
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.744 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013972.D

Acq: 12 Dec 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20191203DL

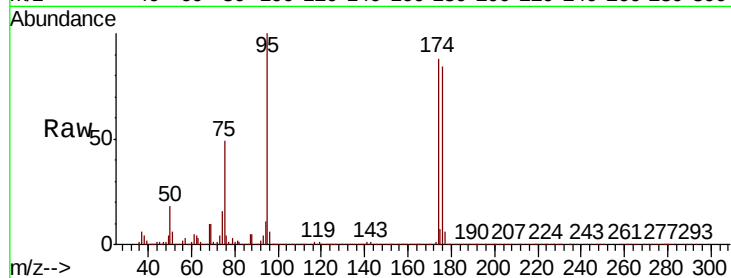
Tot Ion: 95 Resp: 338137

Ion Ratio Lower Upper

95 100

174 87.9 0.0 180.0

176 84.7 0.0 173.6

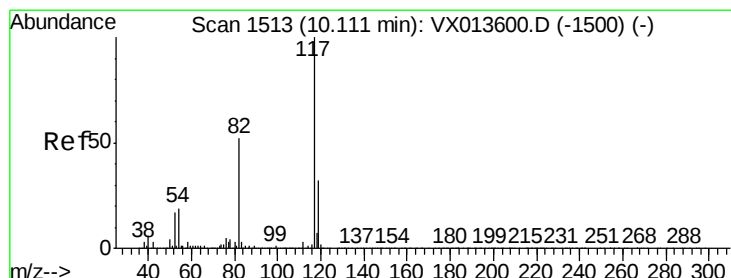
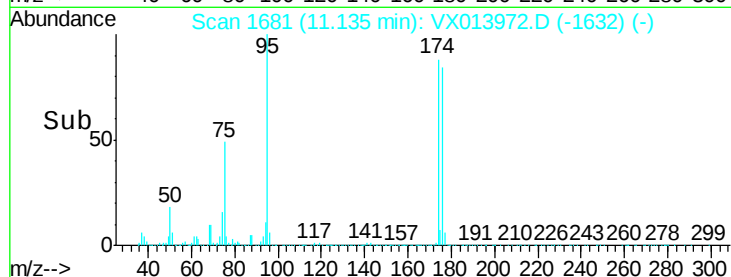


Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013972.D

Acq: 12 Dec 2019 14:03

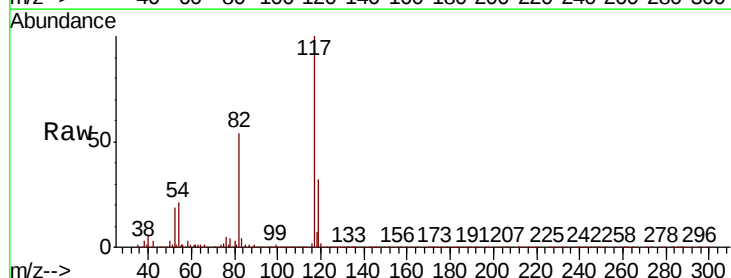
Tgt Ion: 117 Resp: 758126

Ion Ratio Lower Upper

117 100

82 54.4 41.8 62.8

119 31.9 25.8 38.8

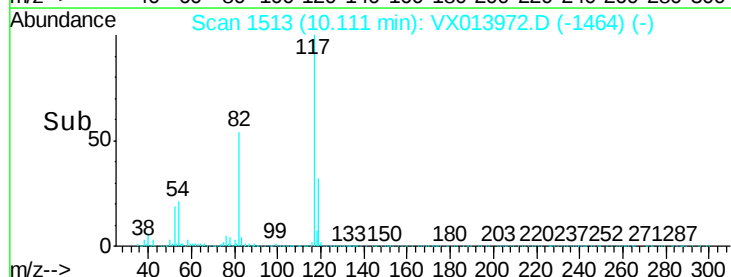


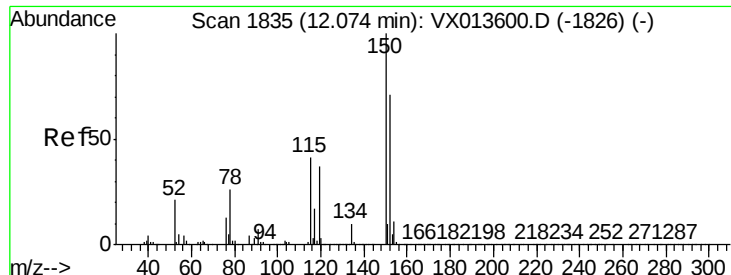
Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)

Time--> 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013972.D

Acq: 12 Dec 2019 14:03

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20191203DL

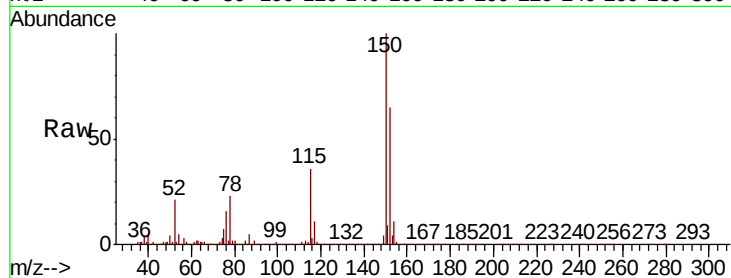
Tot Ion:152 Resp: 329191

Ion Ratio Lower Upper

152 100

115 56.3 38.4 115.1

150 157.3 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

