

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013980.D
 Acq On : 12 Dec 2019 17:09
 Operator : JC/SP
 Sample : K6249-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP01-20191208

Quant Time: Dec 13 04:12:22 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

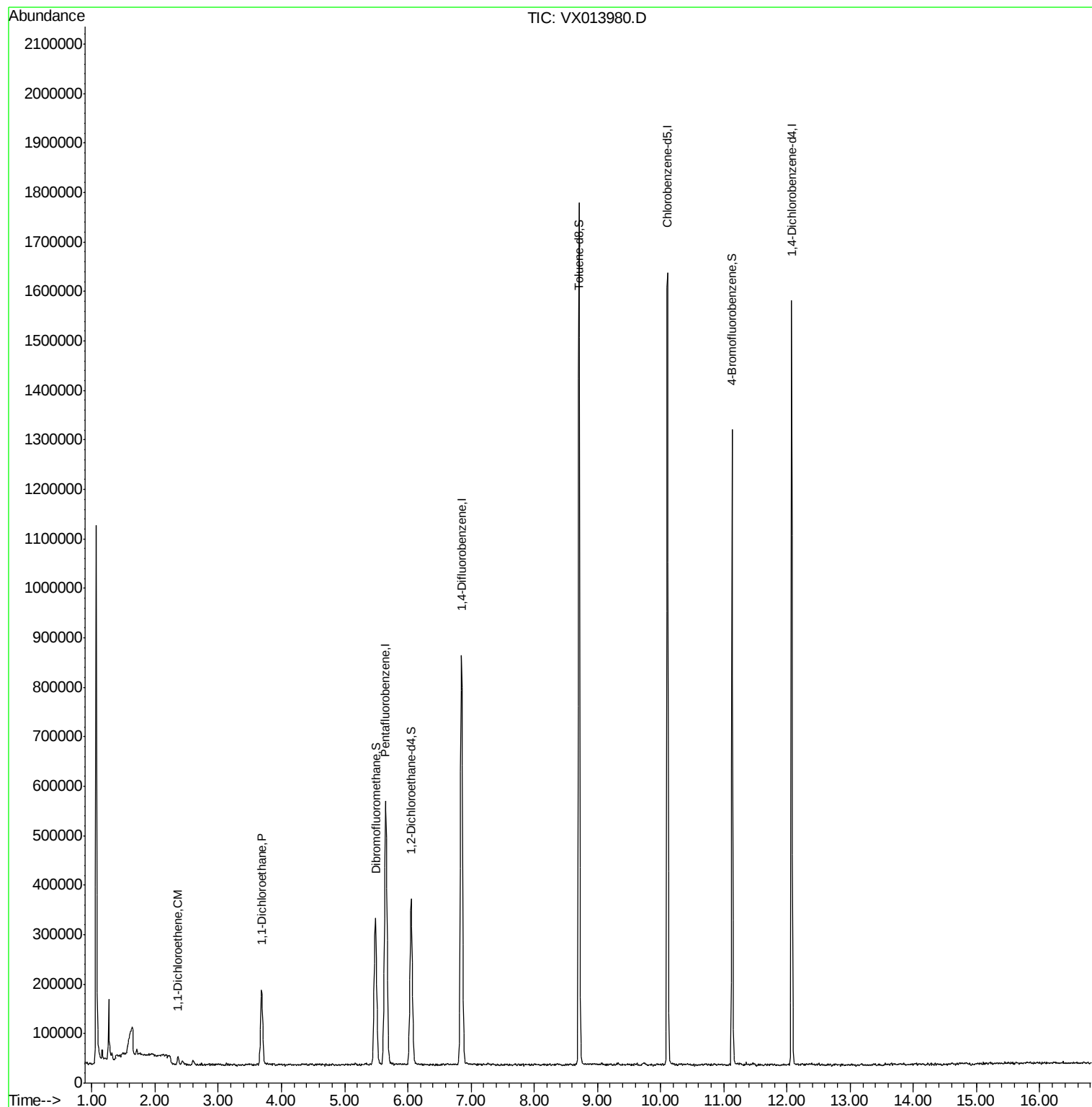
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	557731	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	854338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	760293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	327062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	312260	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
35) Dibromofluoromethane	5.48	113	257566	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	8.71	98	1010511	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	331055	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	6228	1.173	ug/l	94
24) 1,1-Dichloroethane	3.69	63	178972	17.652	ug/l	98

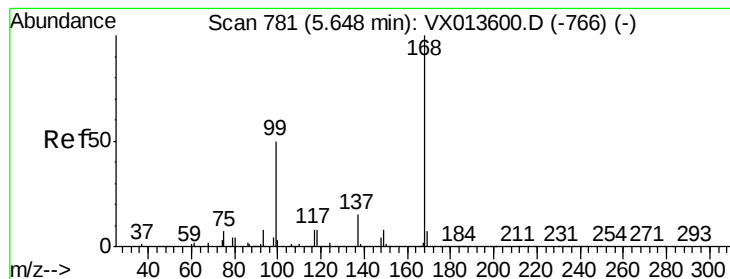
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121219\
Data File : VX013980.D
Acq On : 12 Dec 2019 17:09
Operator : JC/SP
Sample : K6249-12
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP01-20191208

Quant Time: Dec 13 04:12:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
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: VX013980.D

Acq: 12 Dec 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

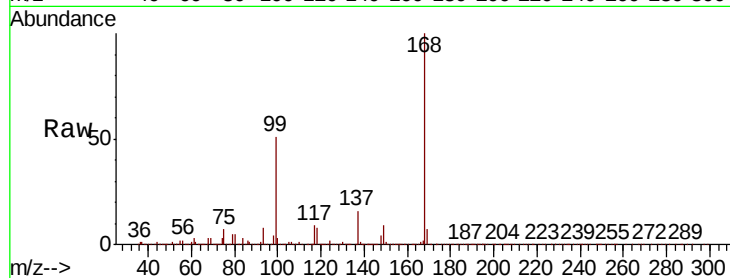
SA-DUP01-20191208

Tot Ion:168 Resp: 557731

Ion Ratio Lower Upper

168 100

99 51.0 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

200000

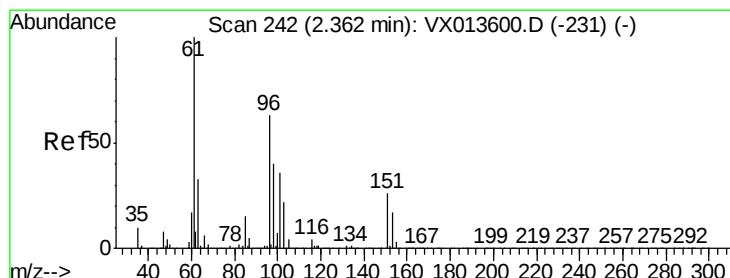
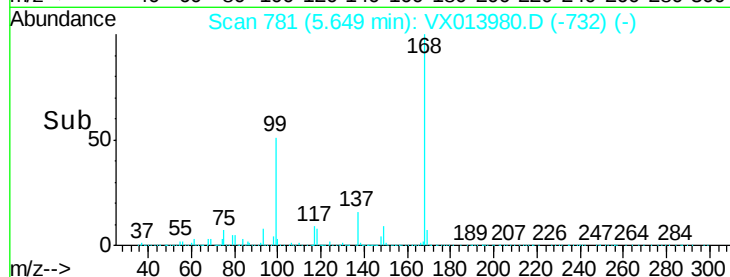
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 1.173 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX013980.D

Acq: 12 Dec 2019 17:09

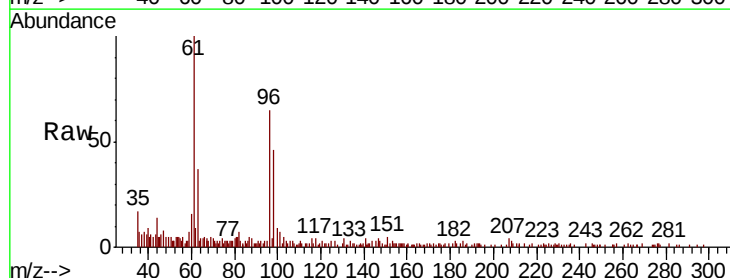
Tgt Ion: 96 Resp: 6228

Ion Ratio Lower Upper

96 100

61 151.2 126.6 190.0

98 69.0 50.6 76.0



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

2.36

8000

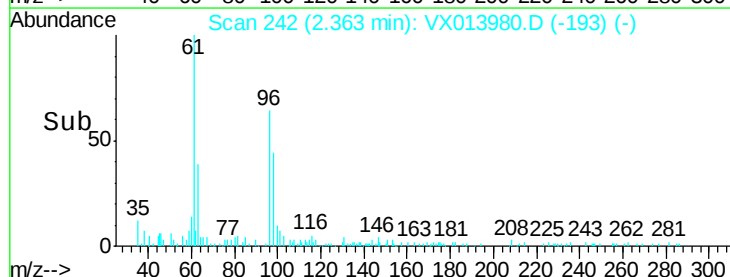
6000

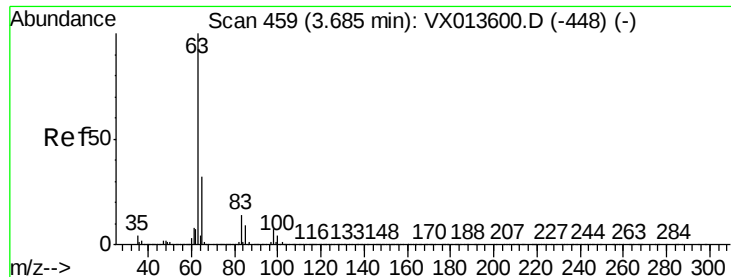
4000

2000

0

Time--> 2.30 2.35 2.40 2.45





#24

1,1-Dichloroethane

Concen: 17.652 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013980.D

Acq: 12 Dec 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20191208

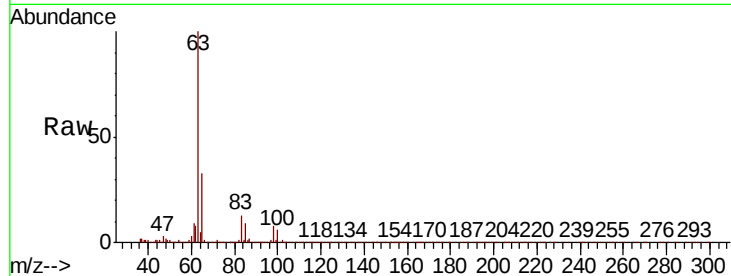
Tot Ion: 63 Resp: 178972

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

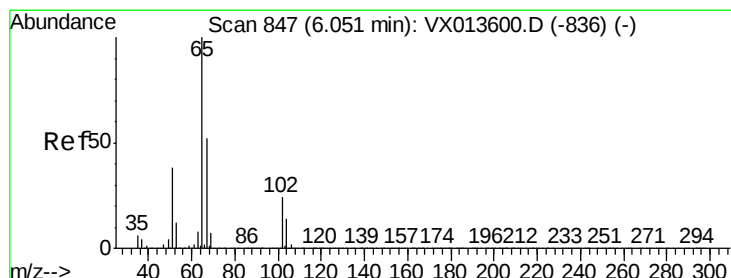
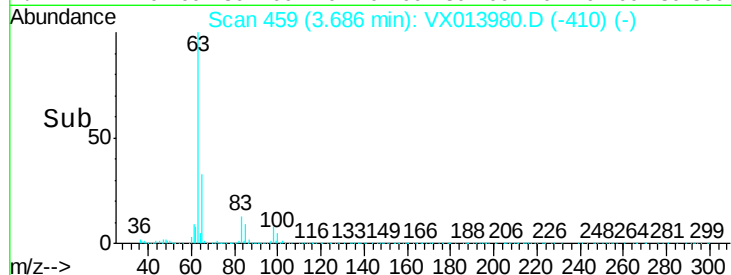
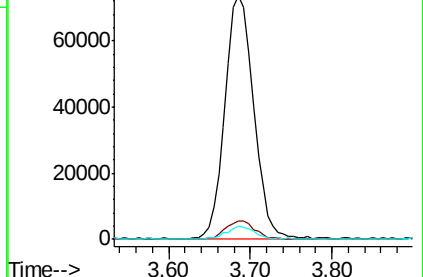
100 5.3 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.233 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013980.D

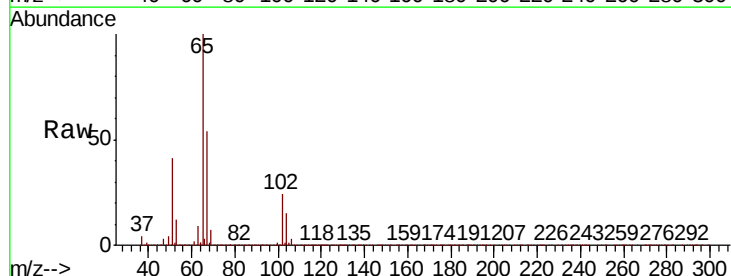
Acq: 12 Dec 2019 17:09

Tgt Ion: 65 Resp: 312260

Ion Ratio Lower Upper

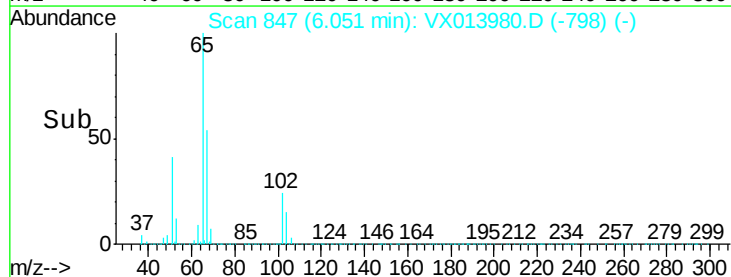
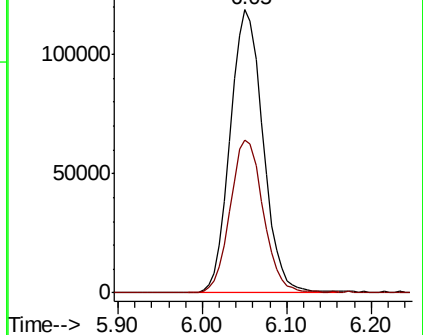
65 100

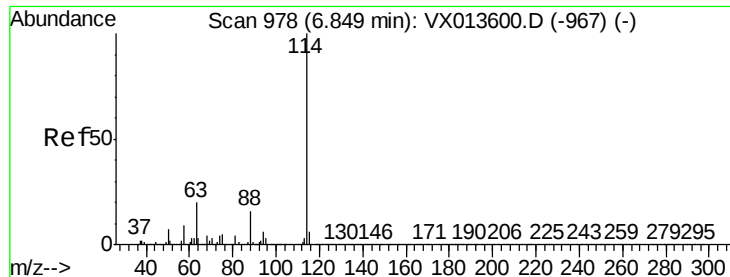
67 54.3 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013980.D

Acq: 12 Dec 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20191208

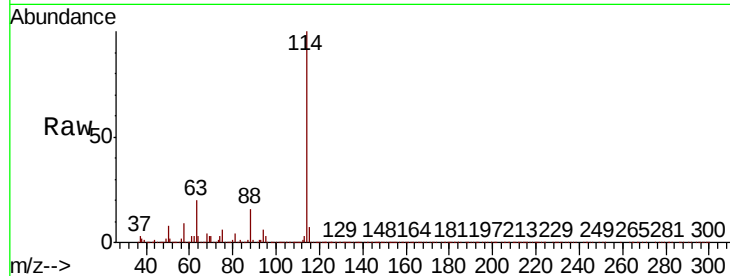
Tot Ion:114 Resp: 854338

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

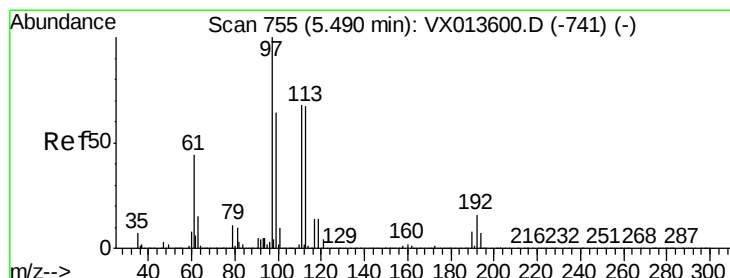
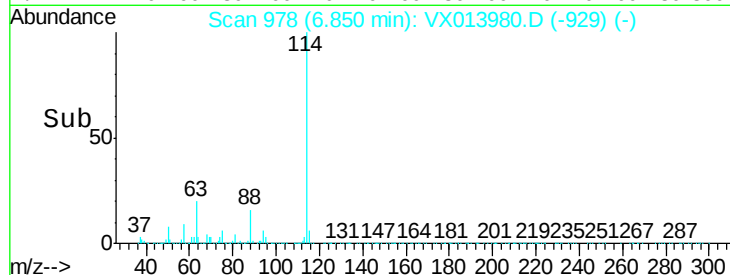
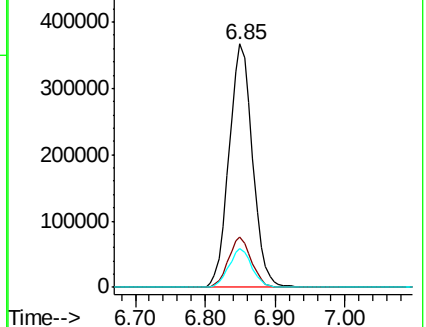
88 15.9 0.0 31.4



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: 48.766 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013980.D

Acq: 12 Dec 2019 17:09

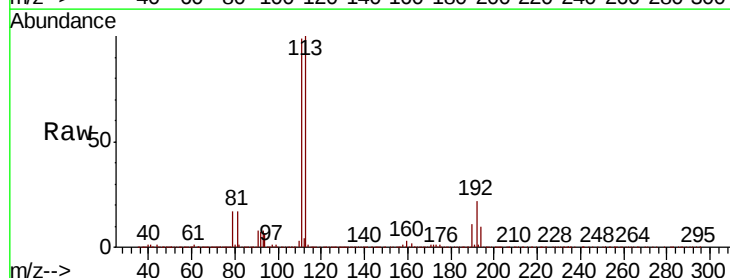
Tgt Ion:113 Resp: 257566

Ion Ratio Lower Upper

113 100

111 100.8 83.6 125.4

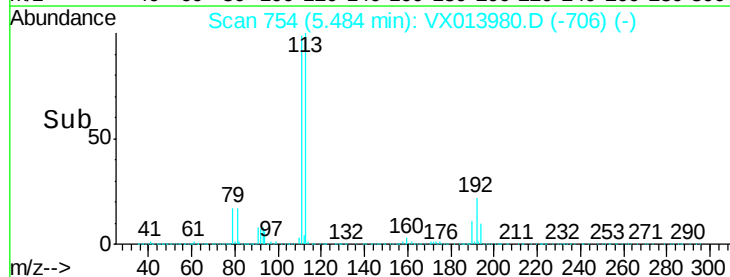
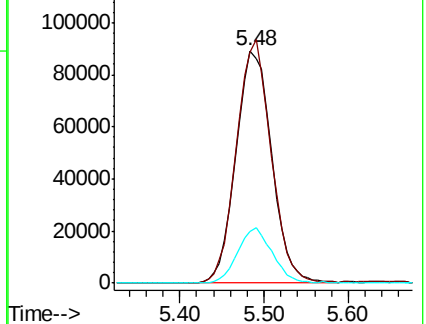
192 22.5 19.2 28.8

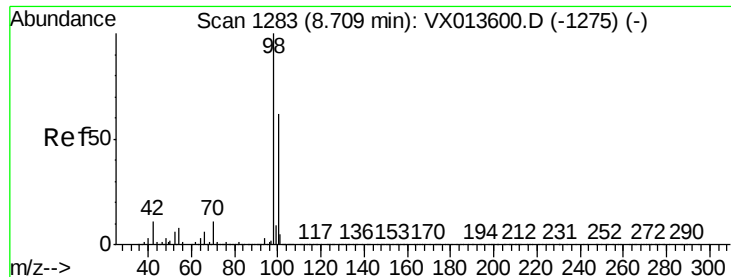


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.107 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013980.D

Acq: 12 Dec 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

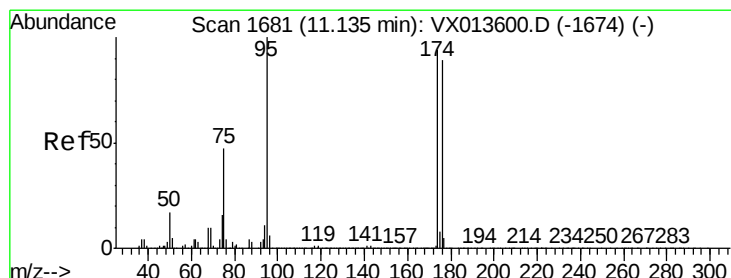
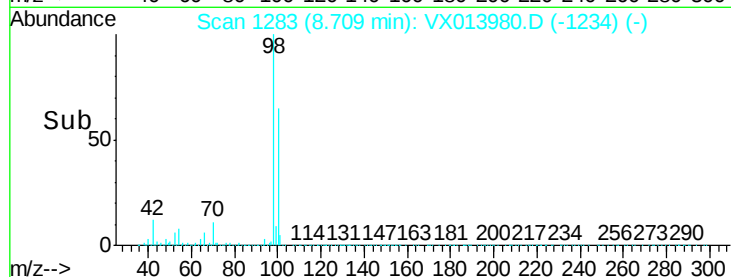
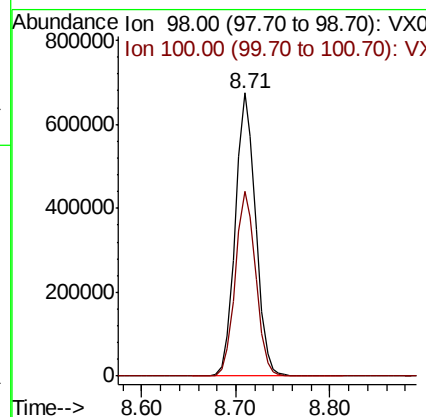
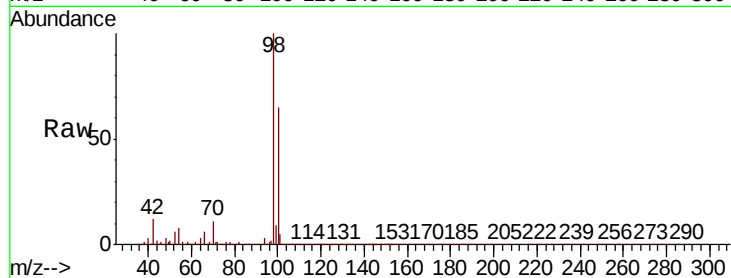
SA-DUP01-20191208

Tot Ion: 98 Resp: 1010511

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.614 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013980.D

Acq: 12 Dec 2019 17:09

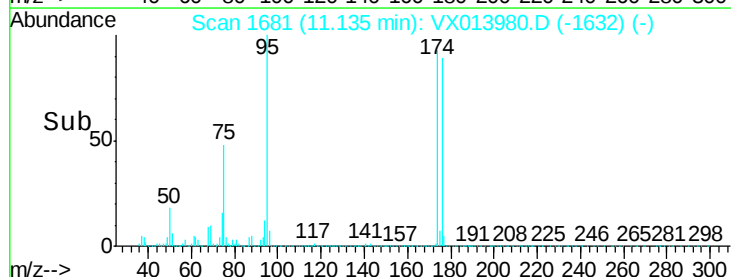
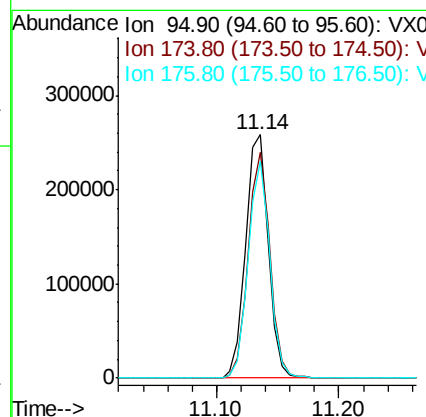
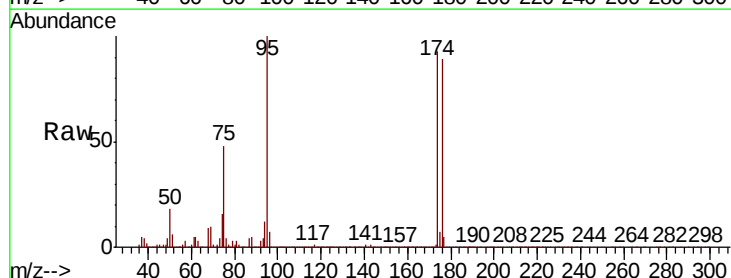
Tgt Ion: 95 Resp: 331055

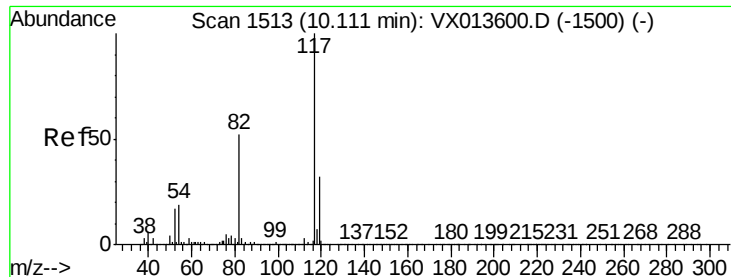
Ion Ratio Lower Upper

95 100

174 89.3 0.0 180.0

176 85.5 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: VX013980.D

Acq: 12 Dec 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP01-20191208

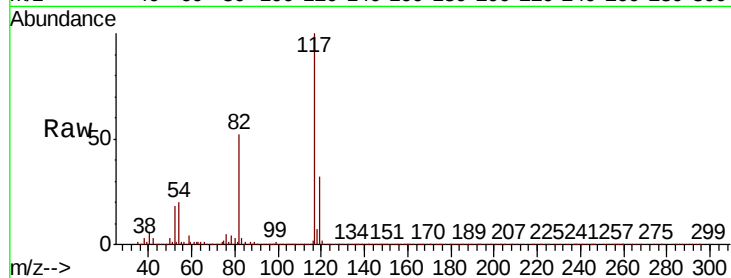
Tot Ion:117 Resp: 760293

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.8

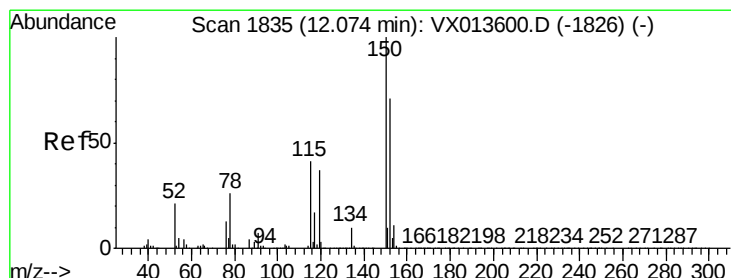
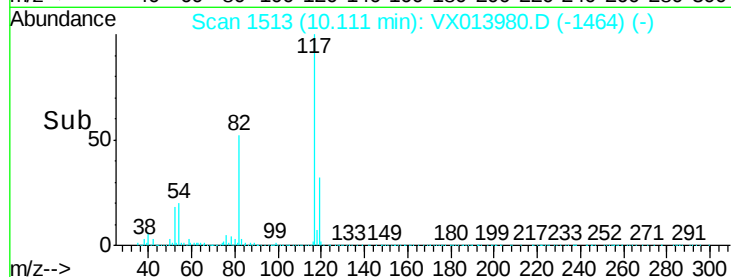
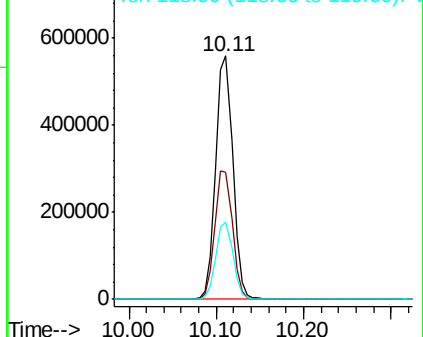
119 31.7 25.8 38.8



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: VX013980.D

Acq: 12 Dec 2019 17:09

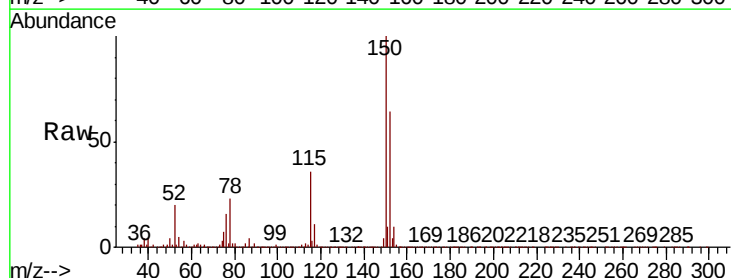
Tgt Ion:152 Resp: 327062

Ion Ratio Lower Upper

152 100

115 55.2 38.4 115.1

150 155.0 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

