

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013978.D
 Acq On : 12 Dec 2019 16:22
 Operator : JC/SP
 Sample : K6249-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ193I-20191208

Quant Time: Dec 13 04:08:23 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	556376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	854004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	764520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	320935	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	314492	48.70	ug/l	0.00
Spiked Amount						
			Recovery	=	97.40%	
35) Dibromofluoromethane	5.48	113	253317	47.98	ug/l	0.00
Spiked Amount						
			Recovery	=	95.96%	
50) Toluene-d8	8.71	98	1010565	49.13	ug/l	0.00
Spiked Amount						
			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.14	95	333185	44.92	ug/l	0.00
Spiked Amount						
			Recovery	=	89.84%	

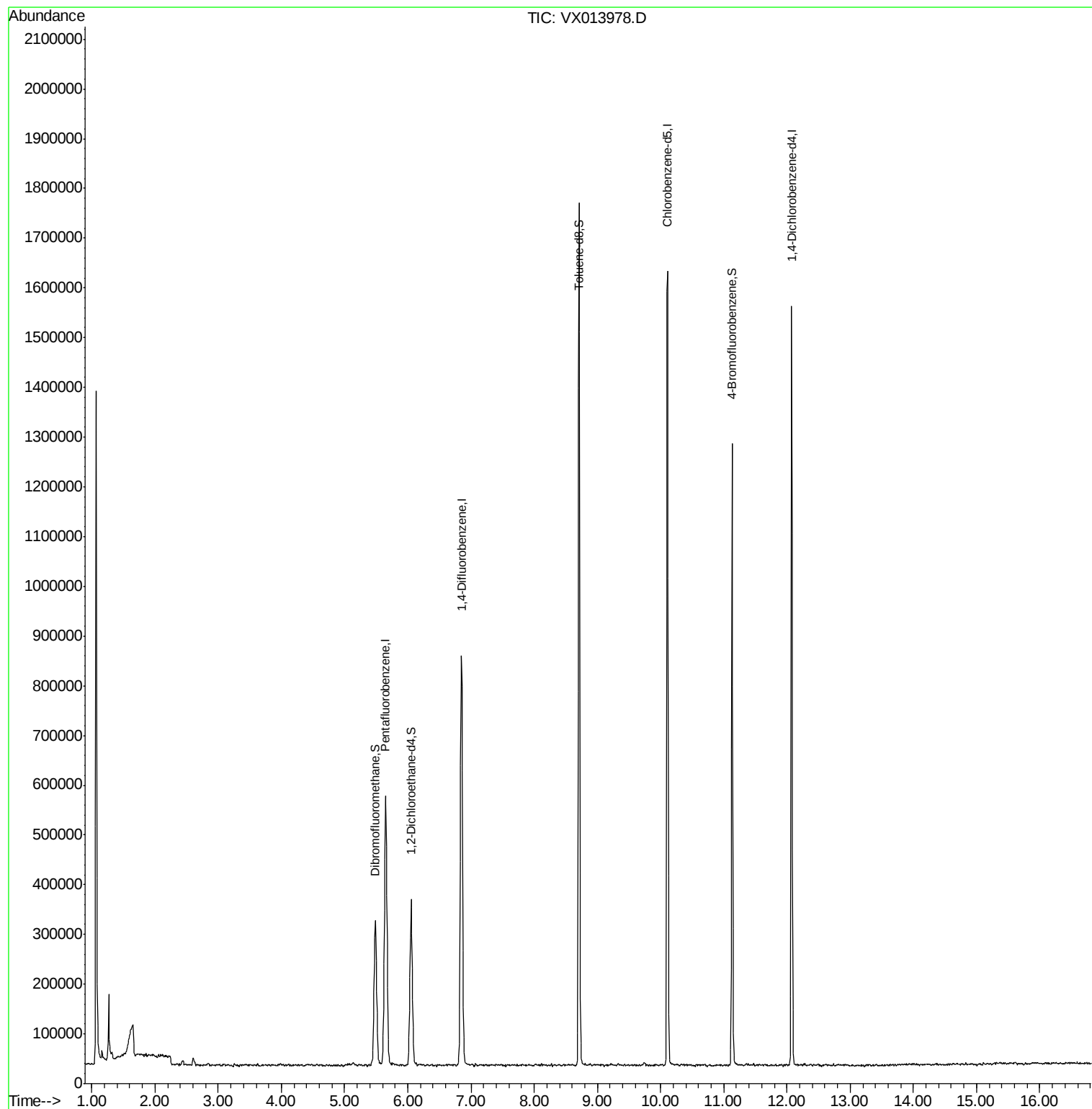
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013978.D

Acq: 12 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

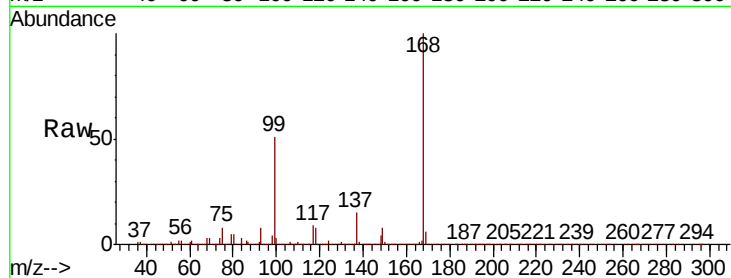
SA-PZ193I-20191208

Tot Ion:168 Resp: 556376

Ion Ratio Lower Upper

168 100

99 51.2 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

200000

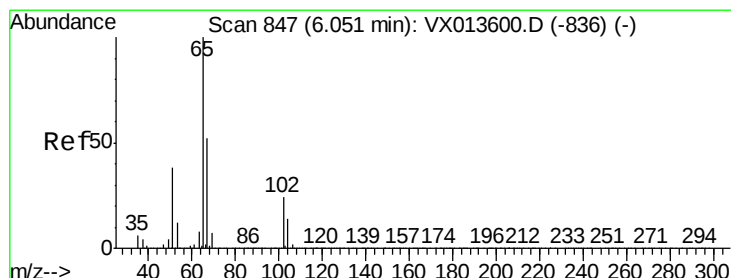
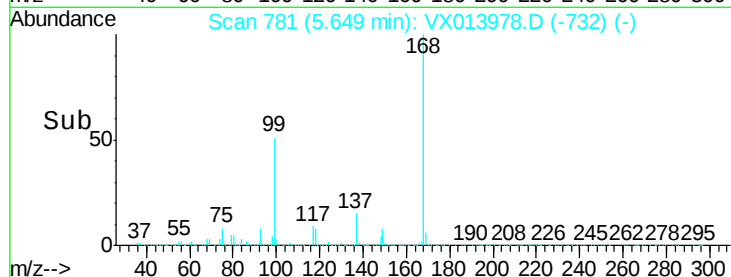
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.696 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013978.D

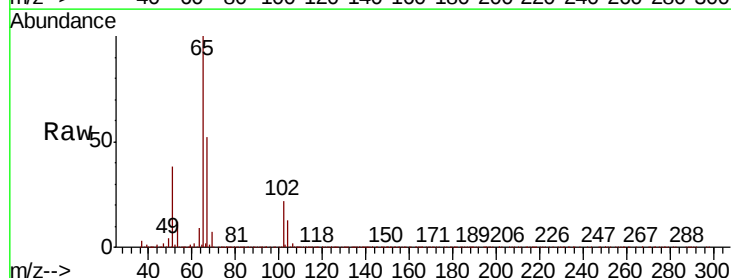
Acq: 12 Dec 2019 16:22

Tgt Ion: 65 Resp: 314492

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

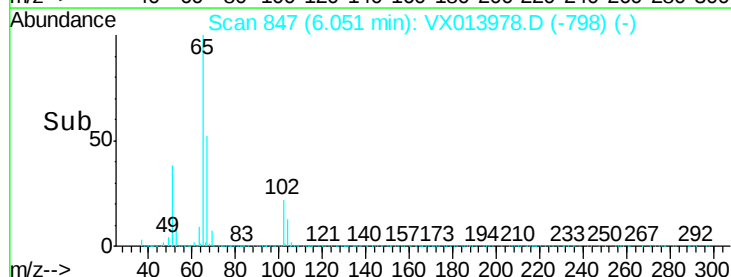
6.05

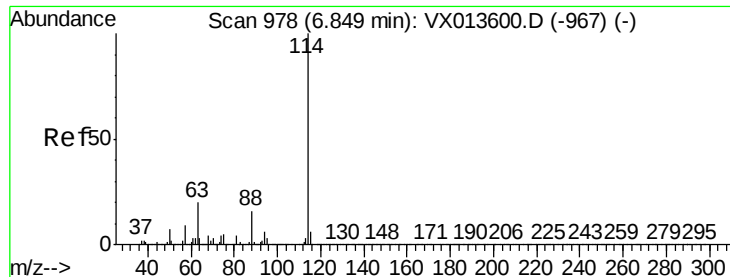
100000

50000

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: VX013978.D

Acq: 12 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ193I-20191208

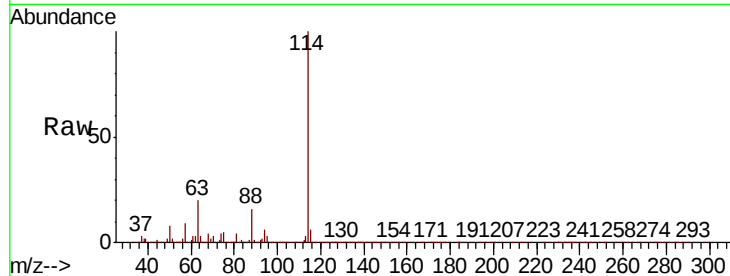
Tot Ion:114 Resp: 854004

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

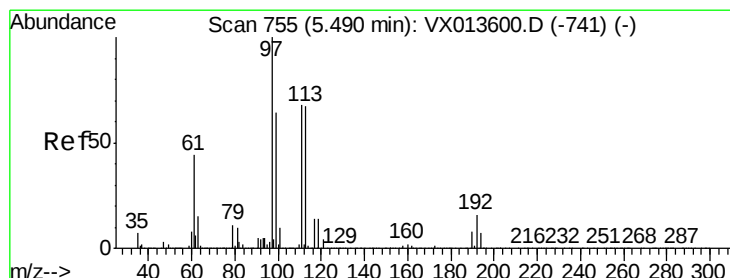
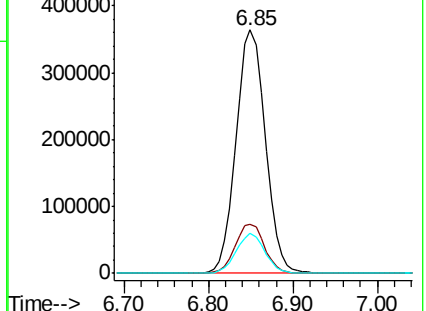
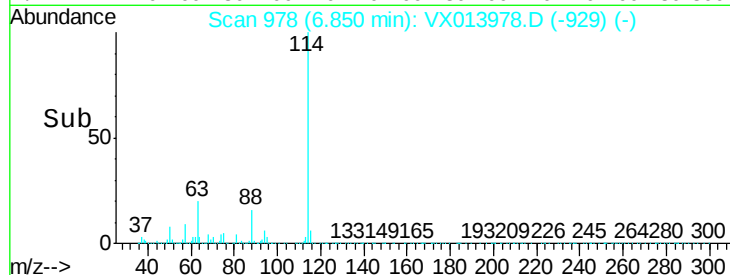
88 16.2 0.0 31.4



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: 47.981 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013978.D

Acq: 12 Dec 2019 16:22

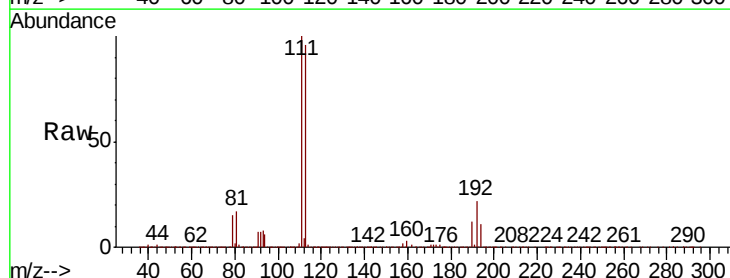
Tgt Ion:113 Resp: 253317

Ion Ratio Lower Upper

113 100

111 102.2 83.6 125.4

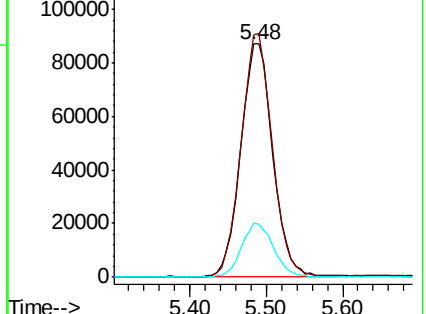
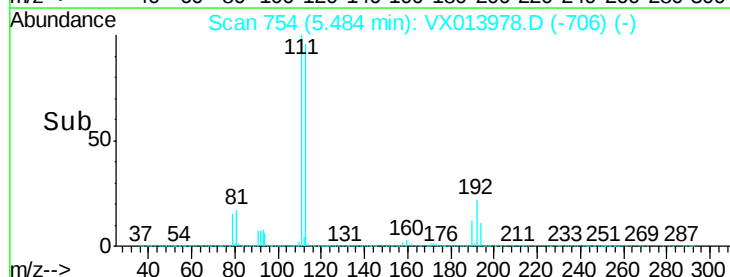
192 23.1 19.2 28.8

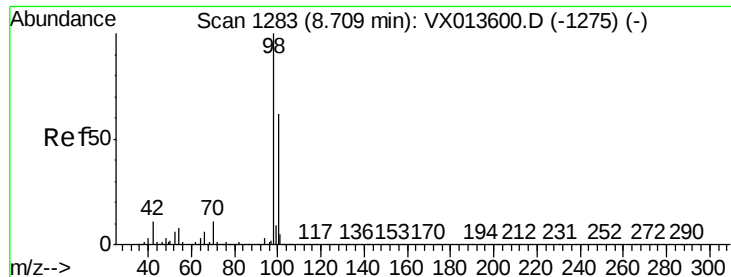


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.129 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013978.D

Acq: 12 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

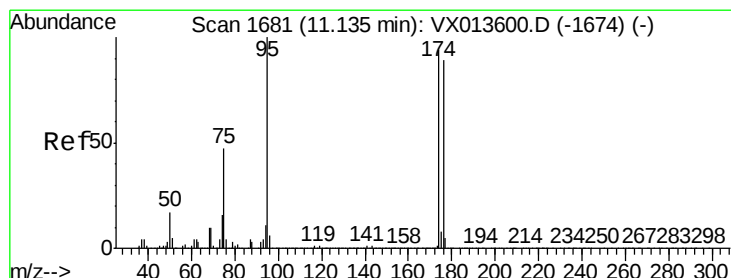
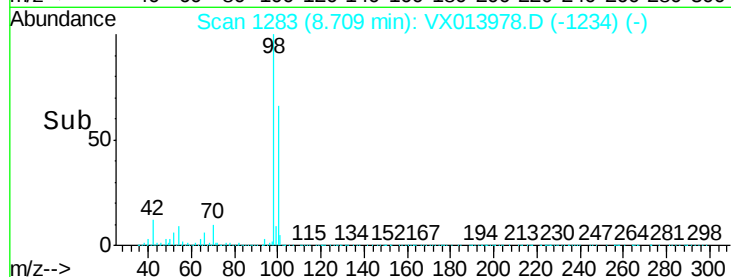
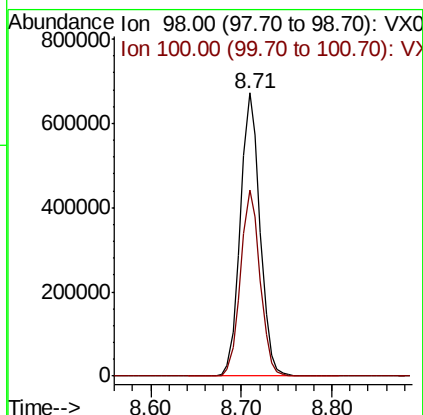
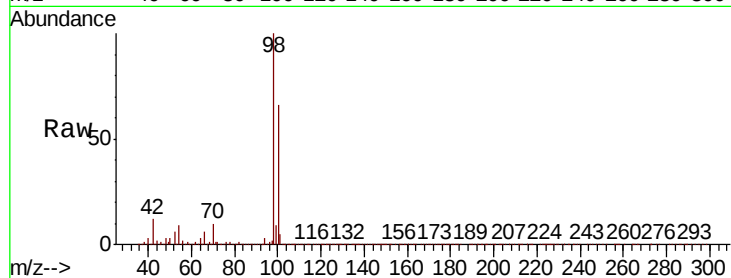
SA-PZ193I-20191208

Tot Ion: 98 Resp: 1010565

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 44.919 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013978.D

Acq: 12 Dec 2019 16:22

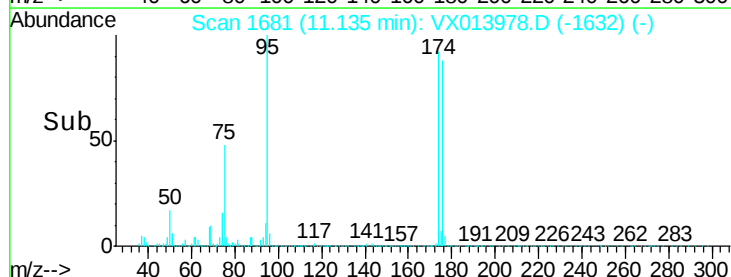
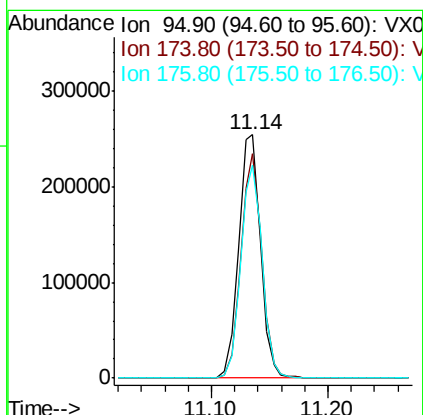
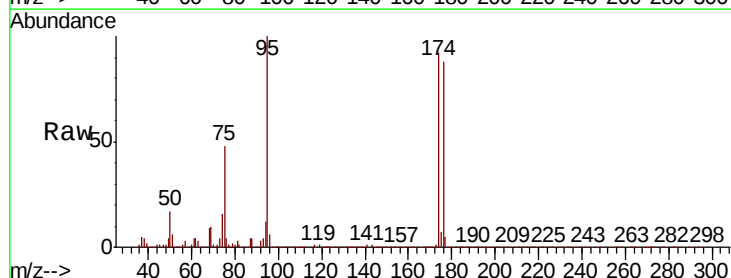
Tgt Ion: 95 Resp: 333185

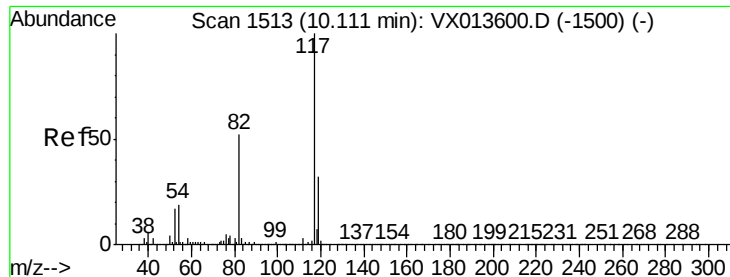
Ion Ratio Lower Upper

95 100

174 87.7 0.0 180.0

176 85.7 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: VX013978.D

Acq: 12 Dec 2019 16:22

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ193I-20191208

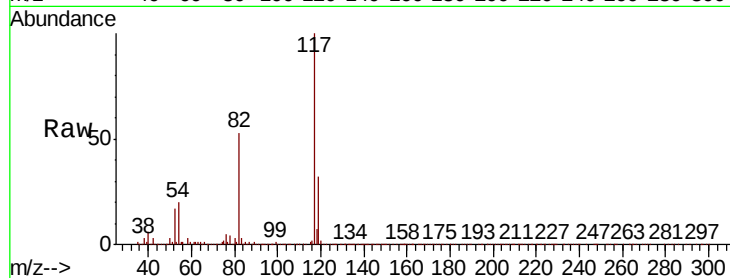
Tot Ion:117 Resp: 764520

Ion Ratio Lower Upper

117 100

82 52.9 41.8 62.8

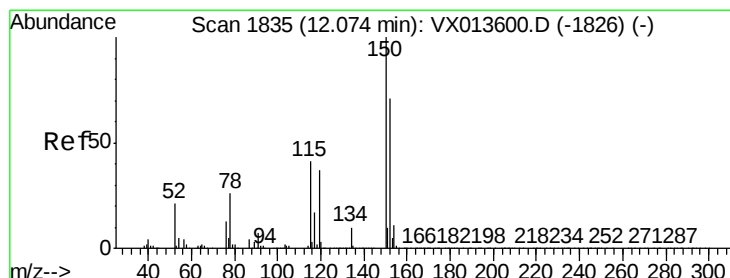
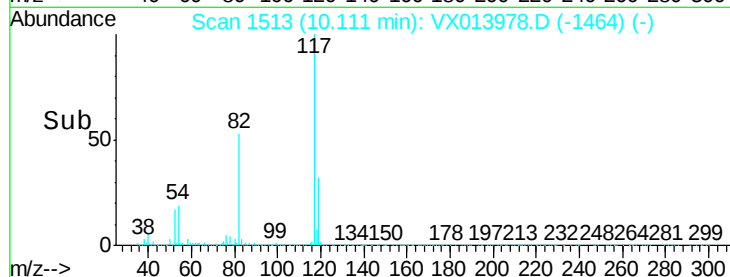
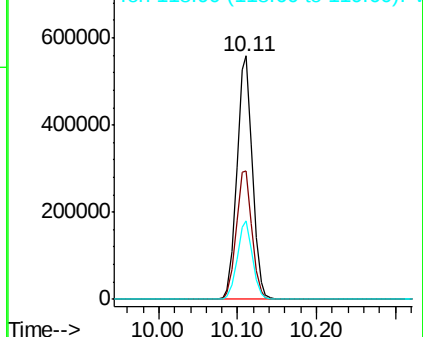
119 32.2 25.8 38.8



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: VX013978.D

Acq: 12 Dec 2019 16:22

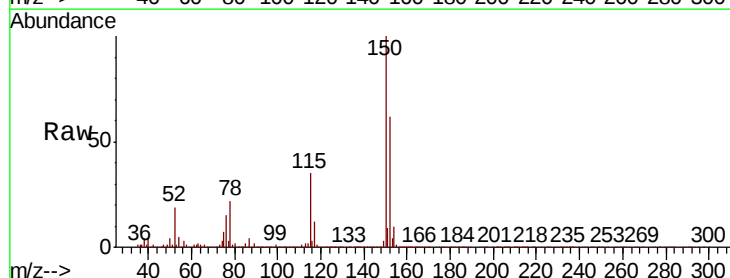
Tgt Ion:152 Resp: 320935

Ion Ratio Lower Upper

152 100

115 55.4 38.4 115.1

150 155.9 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

