

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013390.D
 Acq On : 12 Nov 2019 17:15
 Operator : JC/SP
 Sample : IBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 13 03:27:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	786461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1239692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1117170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	515111	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	448001	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
35) Dibromofluoromethane	5.48	113	373917	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
50) Toluene-d8	8.71	98	1485052	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	503860	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	

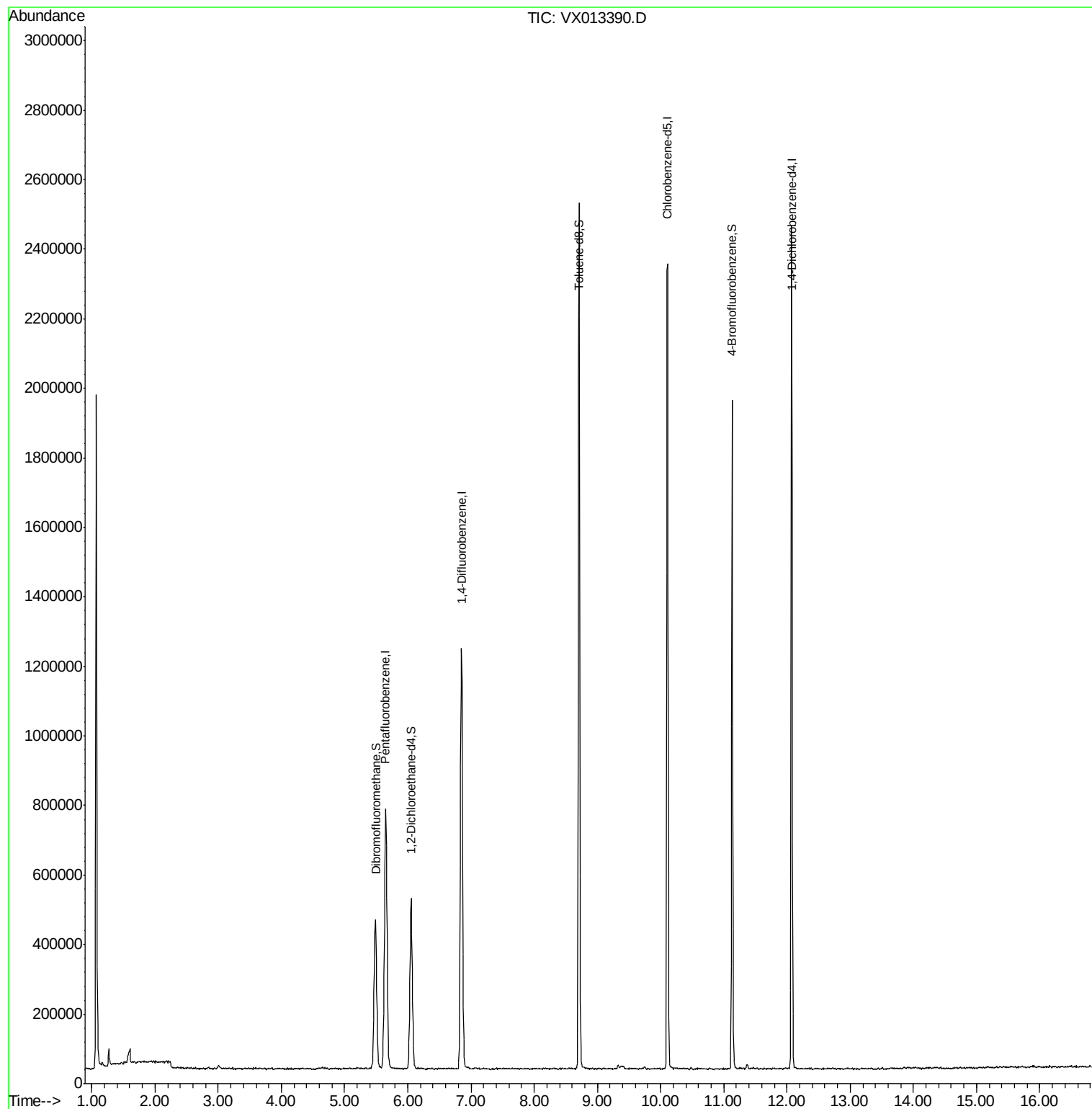
Target Compounds	Qvalue
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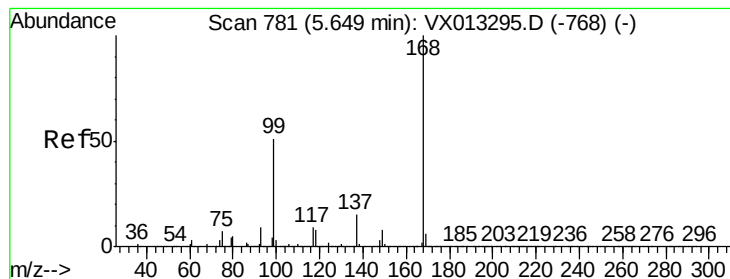
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013390.D

Acq: 12 Nov 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

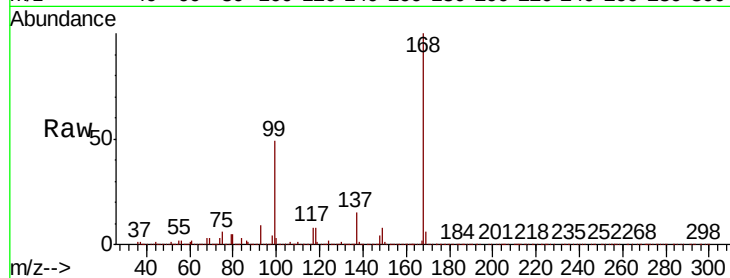
IBLK

Tot Ion:168 Resp: 786461

Ion Ratio Lower Upper

168 100

99 49.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

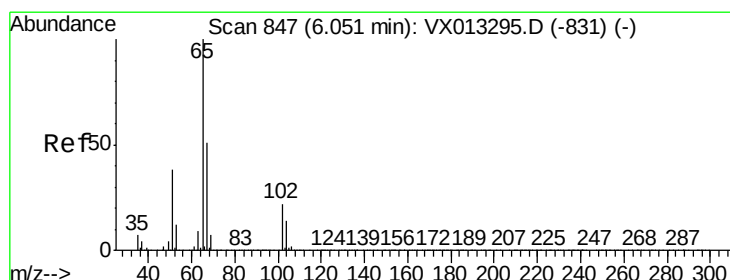
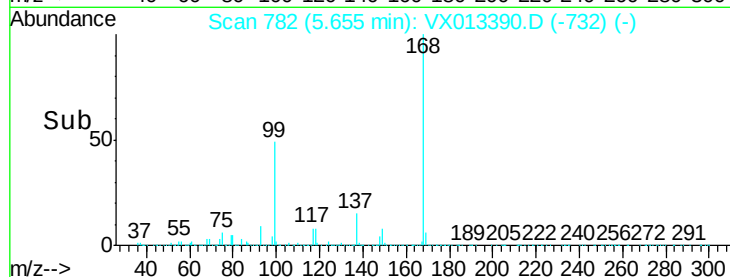
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 48.083 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013390.D

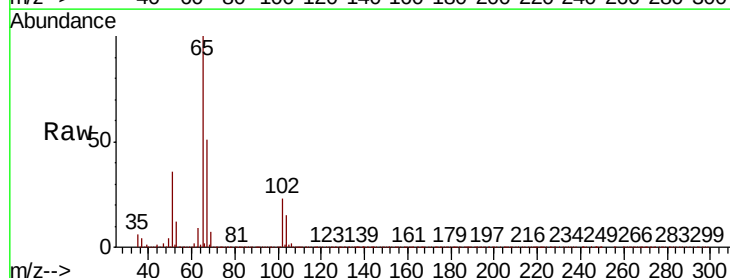
Acq: 12 Nov 2019 17:15

Tgt Ion: 65 Resp: 448001

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

200000

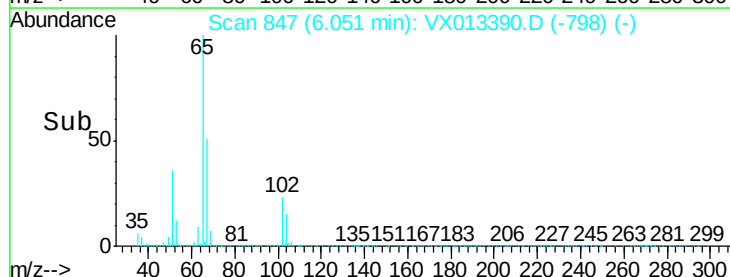
150000

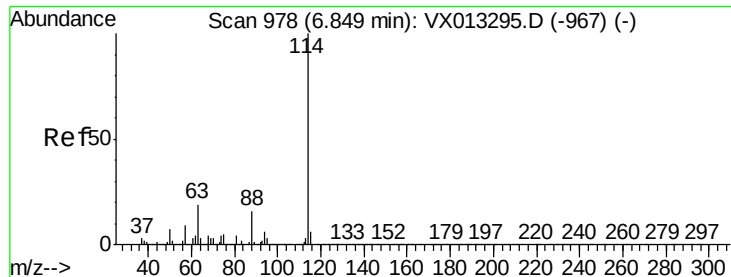
100000

50000

0

Time--> 5.90 6.00 6.10 6.20

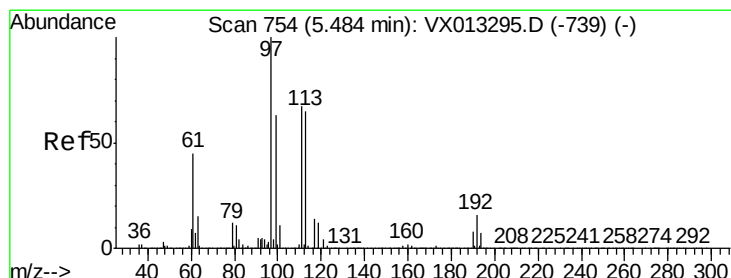
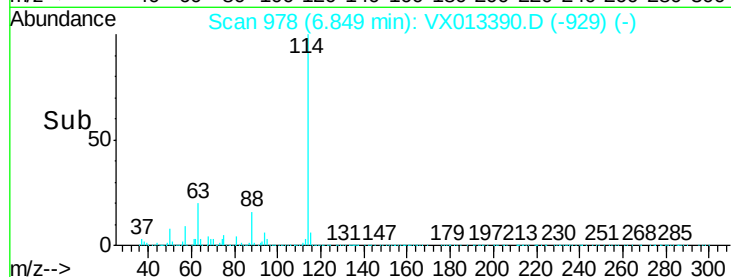
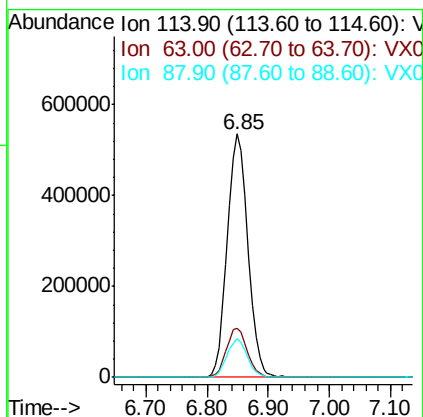
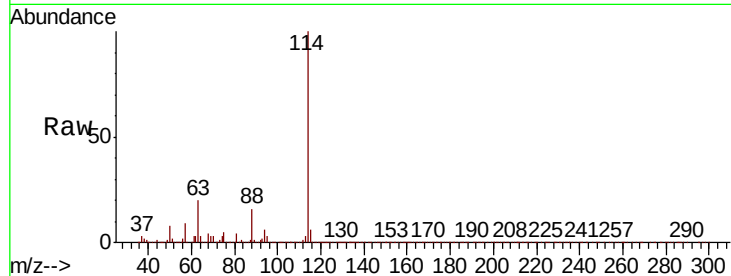




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013390.D
Acq: 12 Nov 2019 17:15

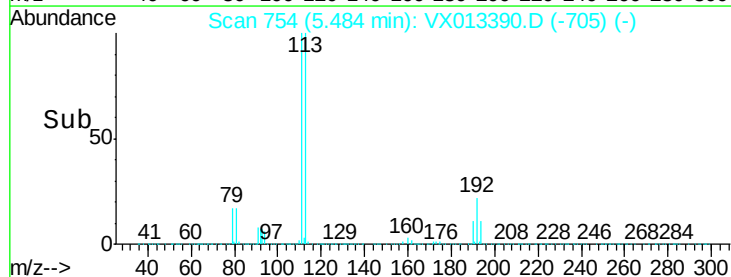
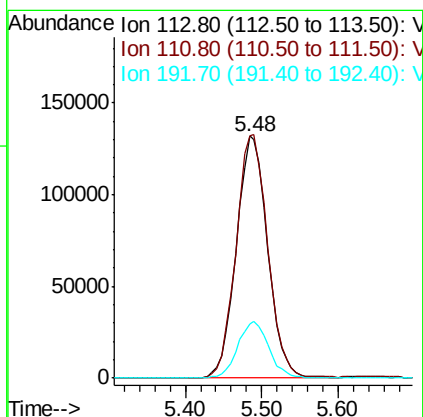
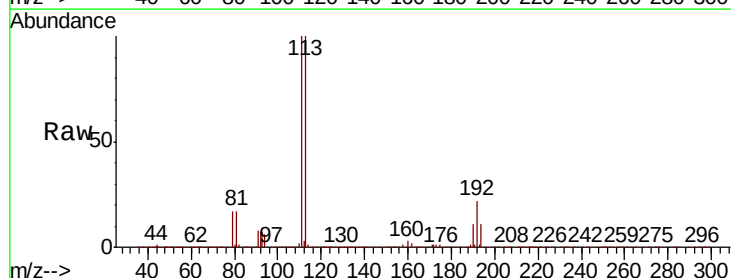
Instrument :
MSVOA_X
ClientSampleId :
IBLK

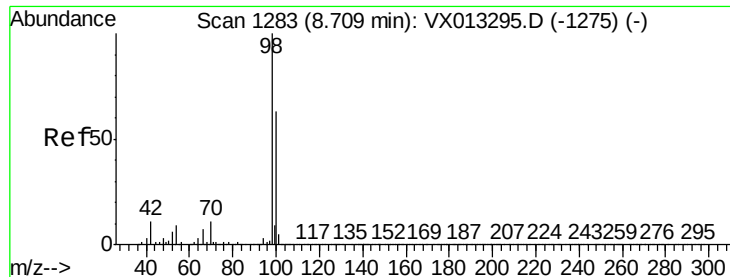
Tot Ion:114 Resp: 1239692
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.4
88 15.8 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.089 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013390.D
Acq: 12 Nov 2019 17:15

Tgt Ion:113 Resp: 373917
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 23.2 19.1 28.7





#50

Toluene-d8

Concen: 50.662 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013390.D

Acq: 12 Nov 2019 17:15

Instrument :

MSVOA_X

ClientSampled :

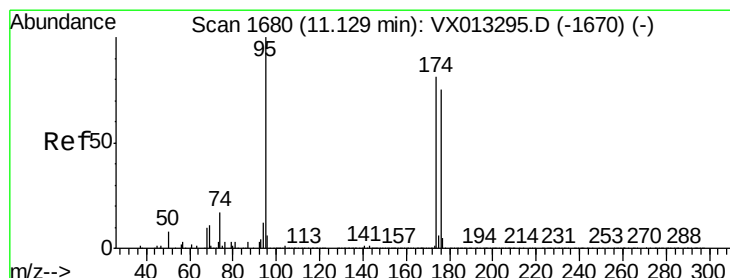
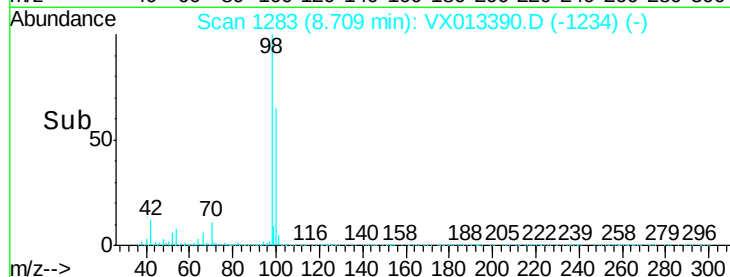
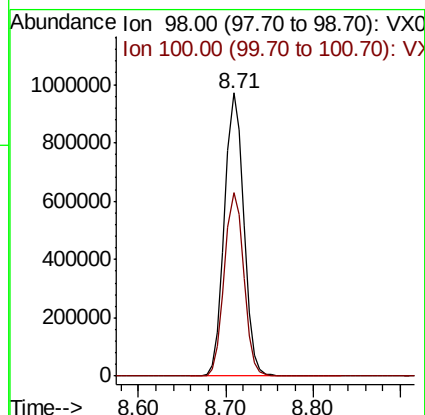
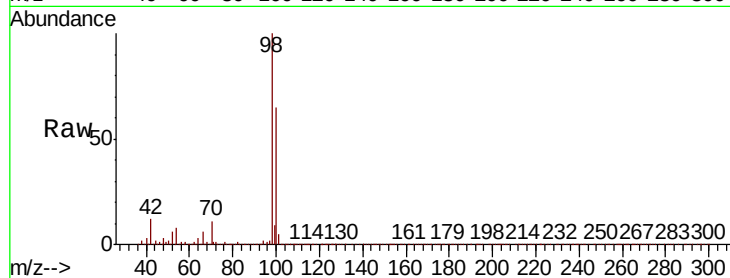
IBLK

Tot Ion: 98 Resp: 1485052

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.628 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013390.D

Acq: 12 Nov 2019 17:15

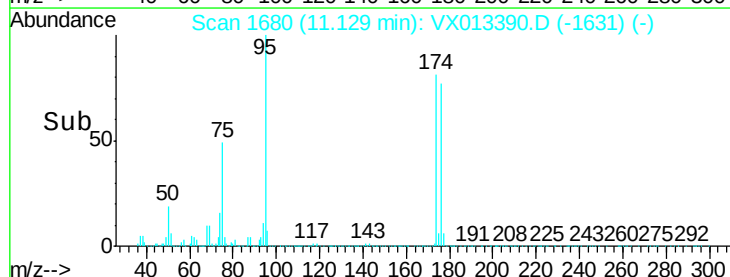
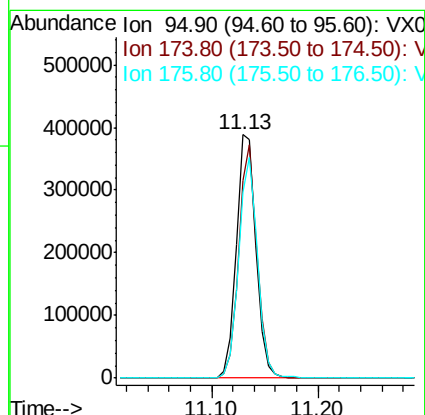
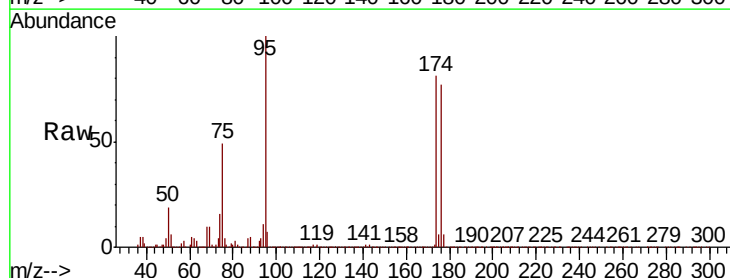
Tgt Ion: 95 Resp: 503860

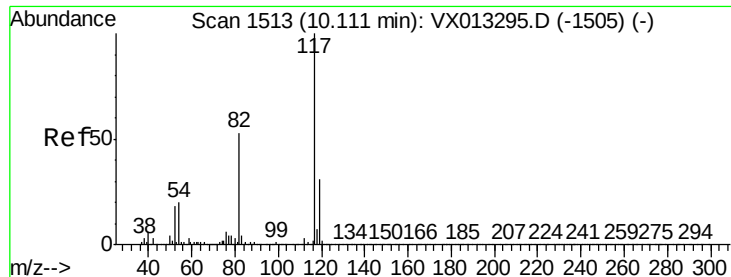
Ion Ratio Lower Upper

95 100

174 89.5 0.0 179.8

176 87.3 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013390.D

Acq: 12 Nov 2019 17:15

Instrument :

MSVOA_X

ClientSampleId :

IBLK

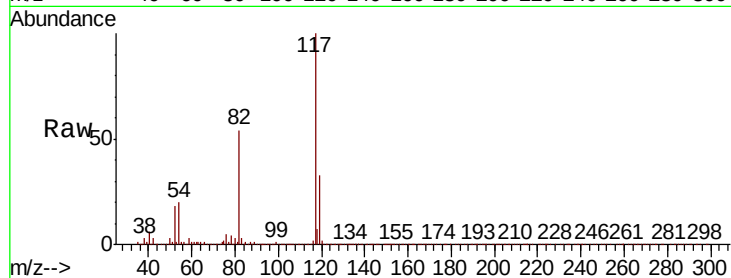
Tot Ion:117 Resp: 1117170

Ion Ratio Lower Upper

117 100

82 53.5 42.6 64.0

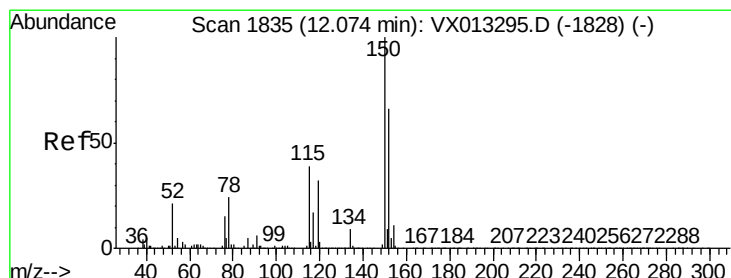
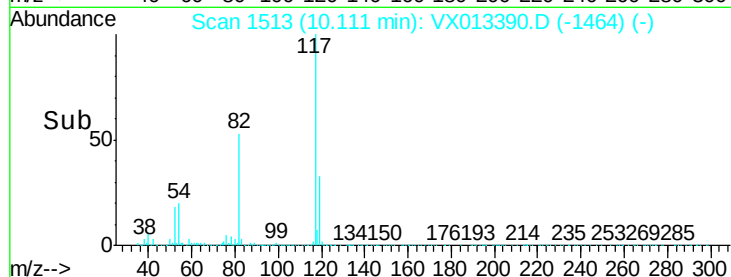
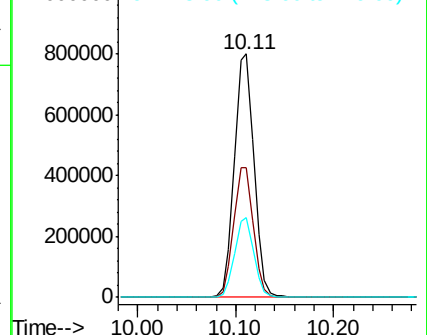
119 32.7 24.8 37.2



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: VX013390.D

Acq: 12 Nov 2019 17:15

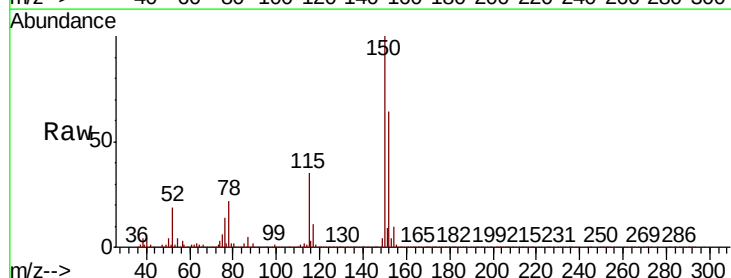
Tgt Ion:152 Resp: 515111

Ion Ratio Lower Upper

152 100

115 56.2 39.5 118.3

150 157.0 0.0 344.4



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

