

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013796.D
 Acq On : 06 Dec 2019 13:56
 Operator : JC/SP
 Sample : K6184-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D3-20191203

Quant Time: Dec 07 03:52:32 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

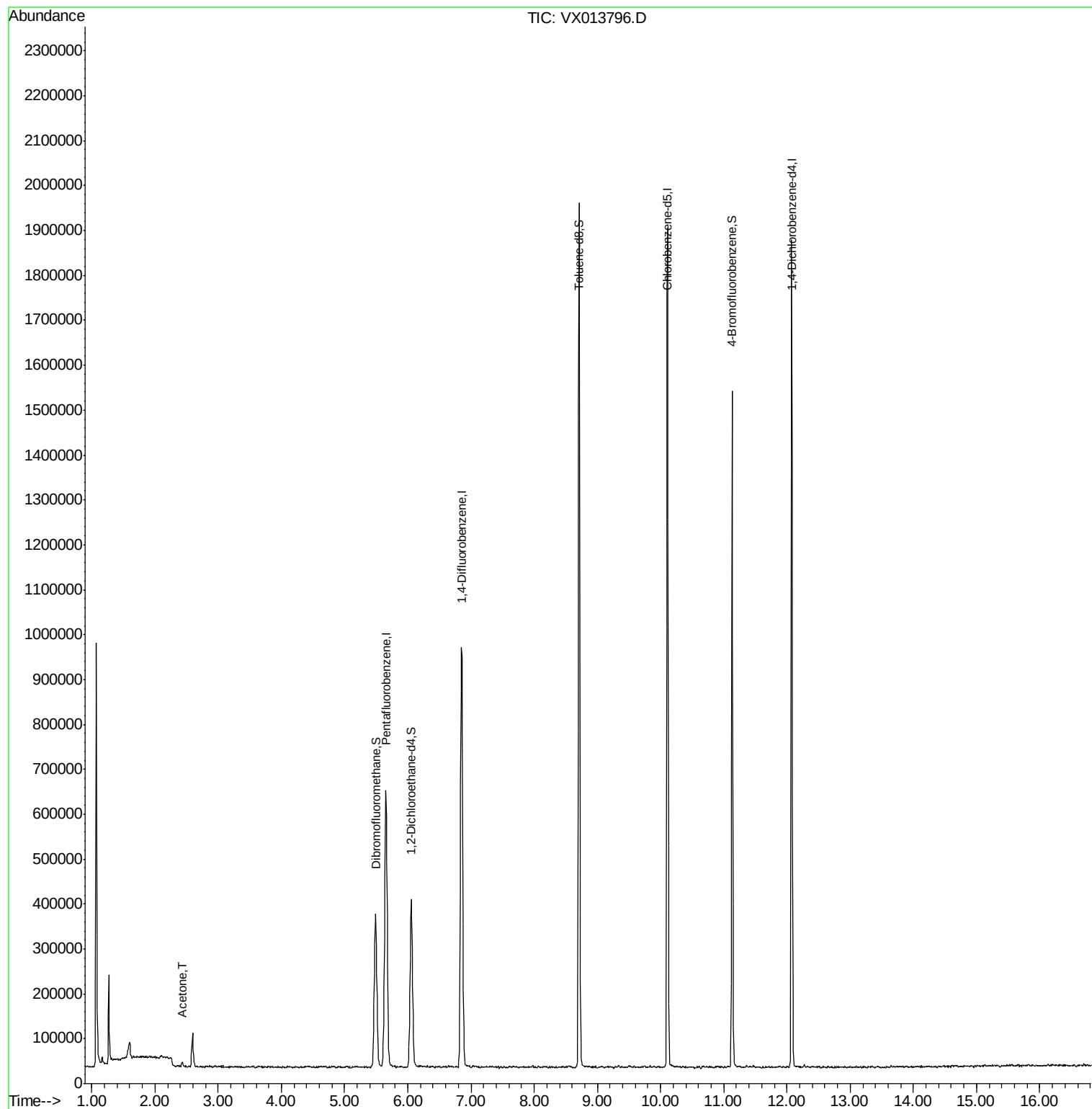
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	639233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	981009	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	867645	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	376566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	350880	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
35) Dibromofluoromethane	5.48	113	294799	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
50) Toluene-d8	8.71	98	1154446	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.14	95	383114	44.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.92%	
Target Compounds						
16) Acetone	2.43	43	10611	2.897	ug/l	Qvalue 97

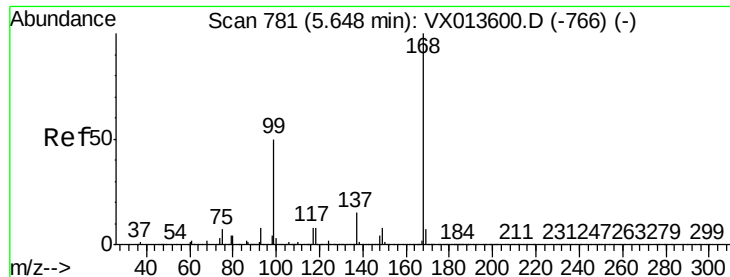
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013796.D

Acq: 06 Dec 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

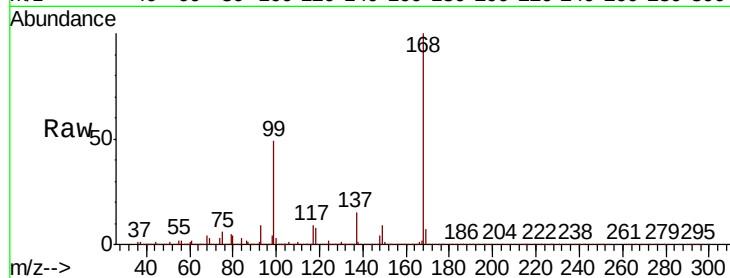
RE123D3-20191203

Tot Ion:168 Resp: 639233

Ion Ratio Lower Upper

168 100

99 49.0 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

250000

200000

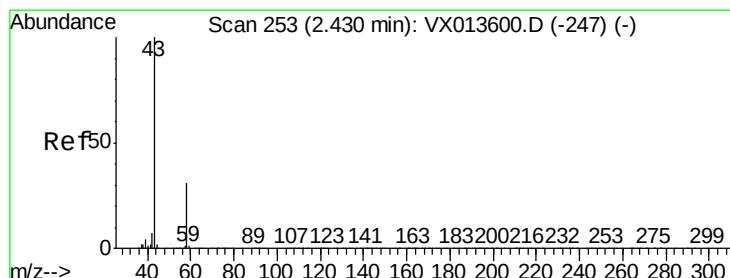
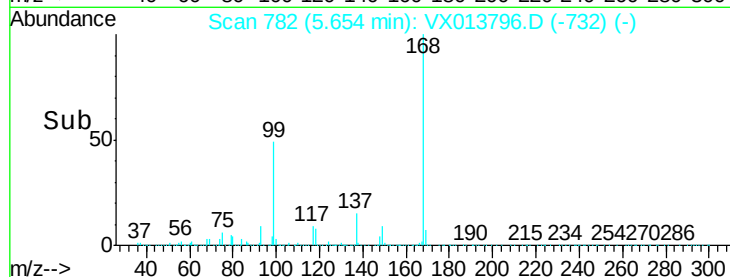
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.897 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013796.D

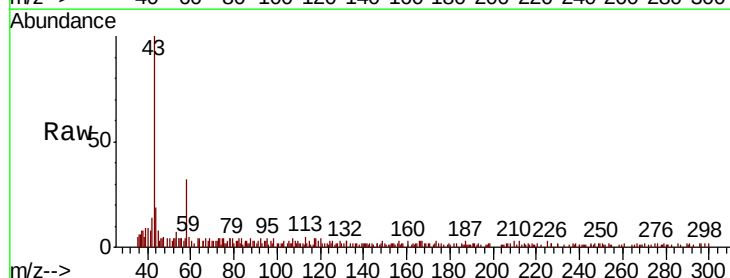
Acq: 06 Dec 2019 13:56

Tgt Ion: 43 Resp: 10611

Ion Ratio Lower Upper

43 100

58 29.0 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

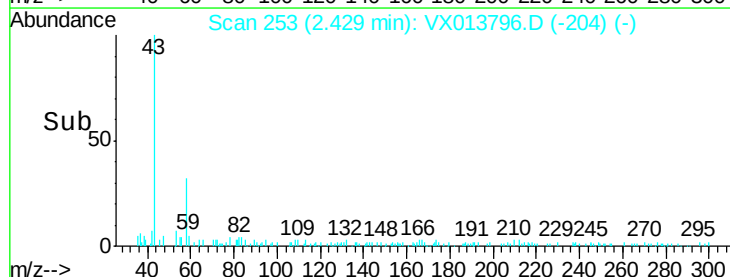
6000

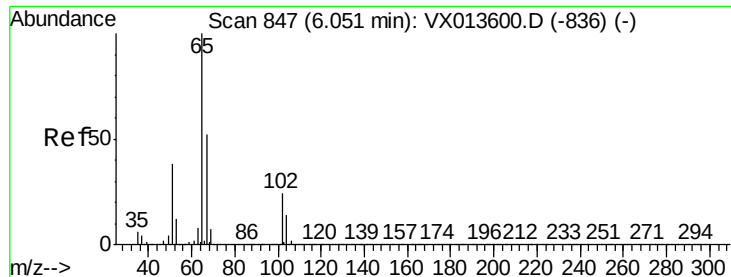
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.288 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX013796.D

Acq: 06 Dec 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

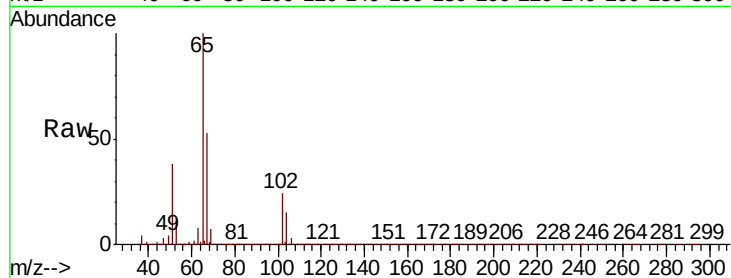
RE123D3-20191203

Tot Ion: 65 Resp: 350880

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

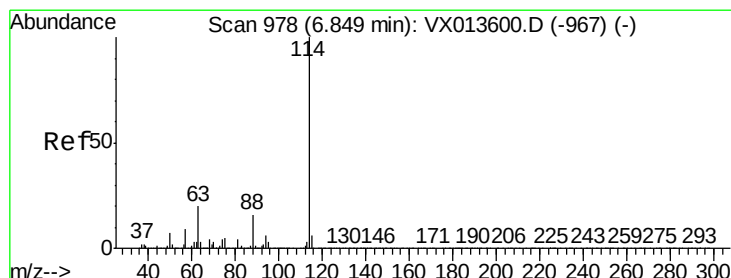
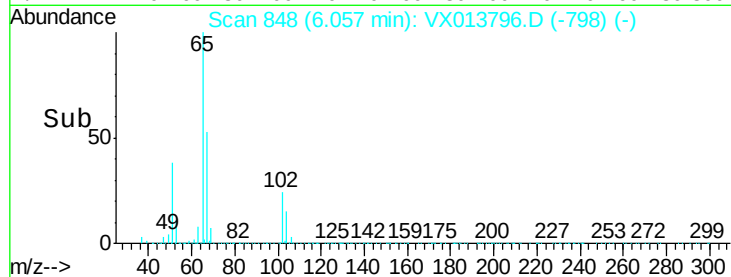
150000

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: VX013796.D

Acq: 06 Dec 2019 13:56

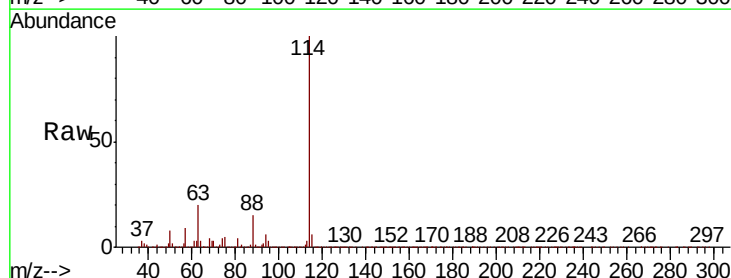
Tgt Ion: 114 Resp: 981009

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 15.5 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

6.85

500000

400000

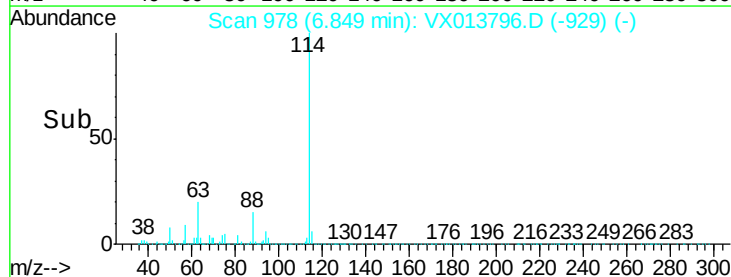
300000

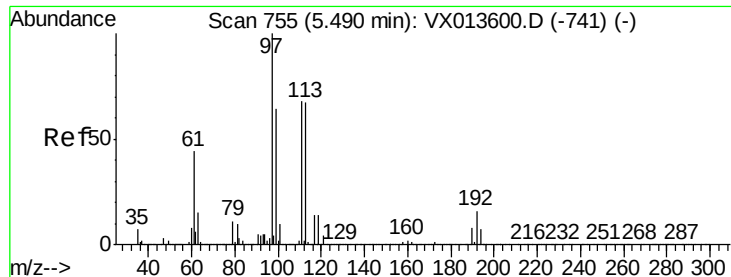
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 48.609 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013796.D

Acq: 06 Dec 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-20191203

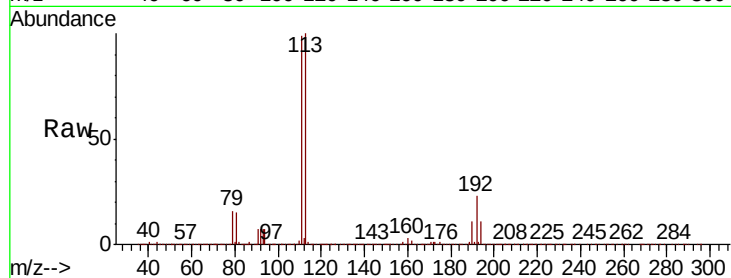
Tot Ion:113 Resp: 294799

Ion Ratio Lower Upper

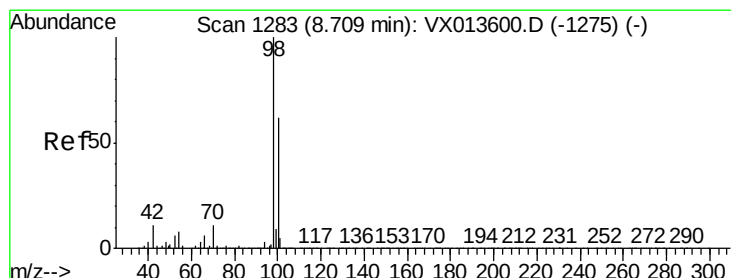
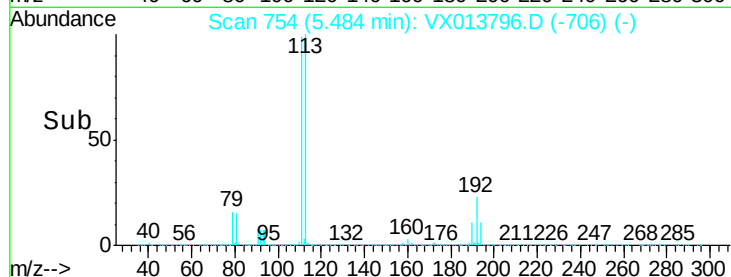
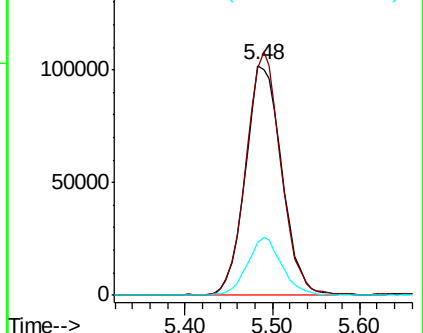
113 100

111 101.6 83.6 125.4

192 23.9 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: 48.857 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013796.D

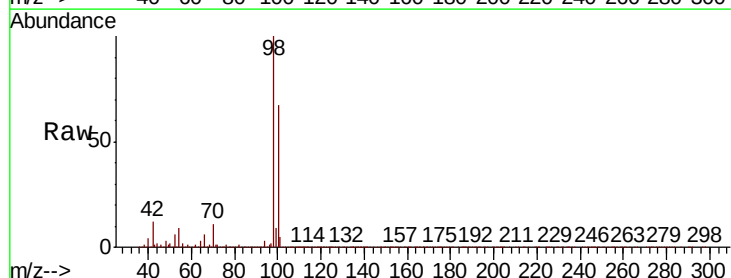
Acq: 06 Dec 2019 13:56

Tgt Ion: 98 Resp: 1154446

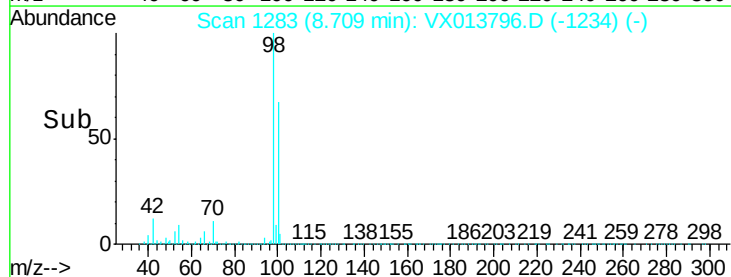
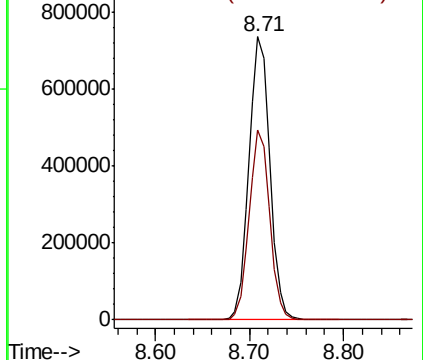
Ion Ratio Lower Upper

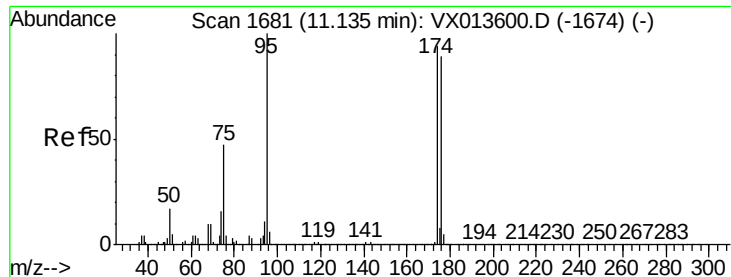
98 100

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





#62

4-Bromofluorobenzene

Concen: 44.963 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013796.D

Acq: 06 Dec 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-20191203

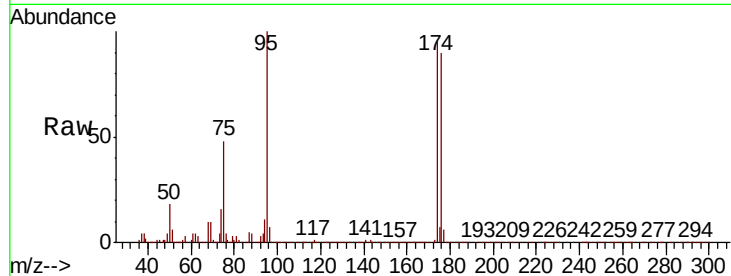
Tot Ion: 95 Resp: 383114

Ion Ratio Lower Upper

95 100

174 91.6 0.0 180.0

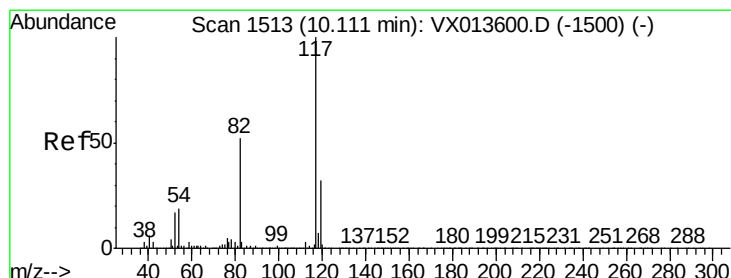
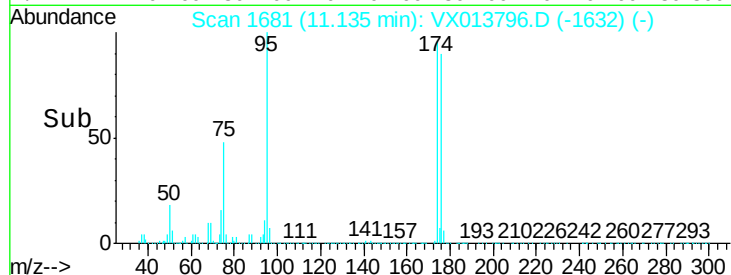
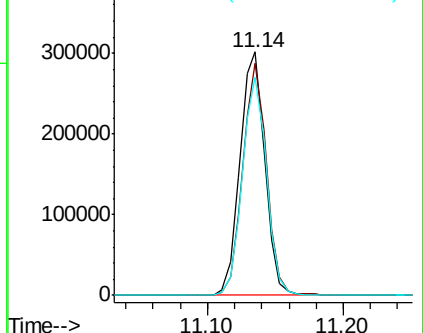
176 87.9 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013796.D

Acq: 06 Dec 2019 13:56

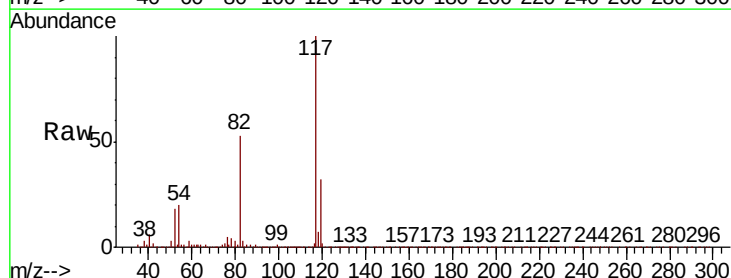
Tgt Ion: 117 Resp: 867645

Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.8

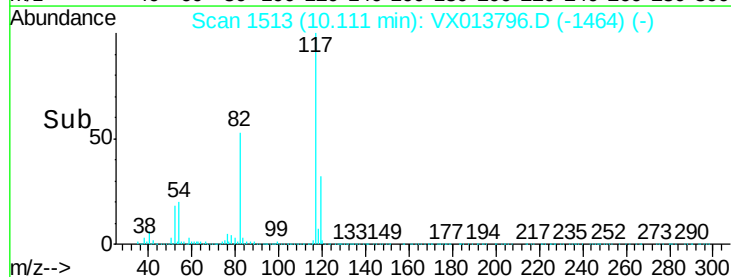
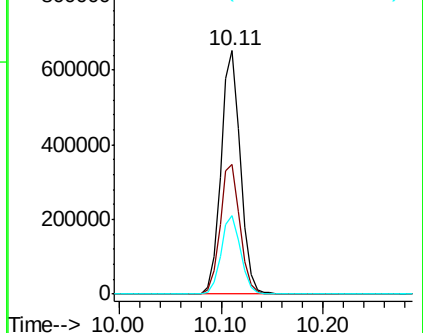
119 32.1 25.8 38.8

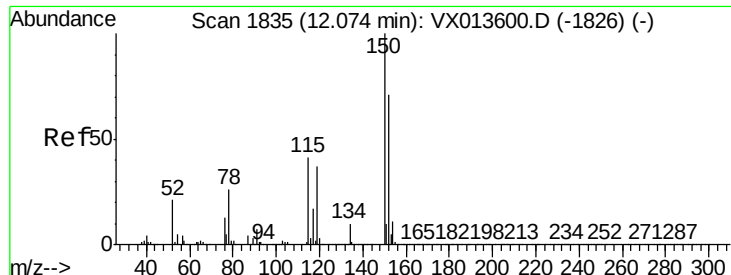


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX013796.D

Acq: 06 Dec 2019 13:56

Instrument :

MSVOA_X

ClientSampleId :

RE123D3-20191203

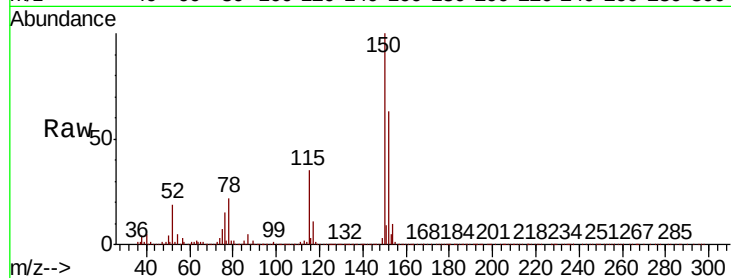
Tot Ion:152 Resp: 376566

Ion Ratio Lower Upper

152 100

115 55.6 38.4 115.1

150 158.6 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

