

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012913.D
 Acq On : 09 Oct 2019 01:35
 Operator : JC/SP
 Sample : K5190-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ15711-20191001

Quant Time: Oct 09 07:32:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

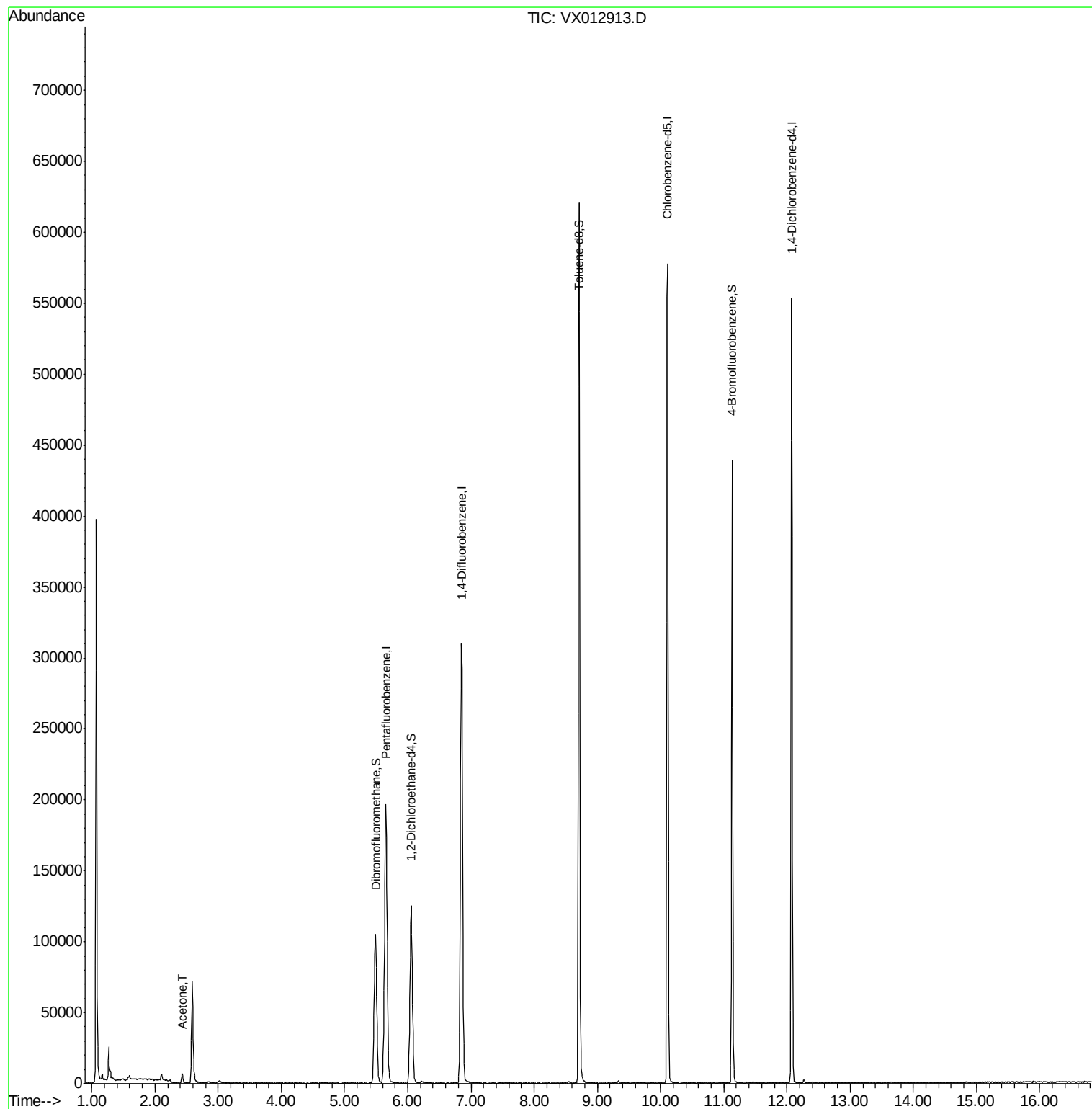
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	181117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	311436	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	267789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	106875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118805	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
35) Dibromofluoromethane	5.48	113	90819	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
50) Toluene-d8	8.71	98	363718	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.14	95	129074	47.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.30%	
Target Compounds						
16) Acetone	2.43	43	6704	5.618	ug/l	Qvalue 91

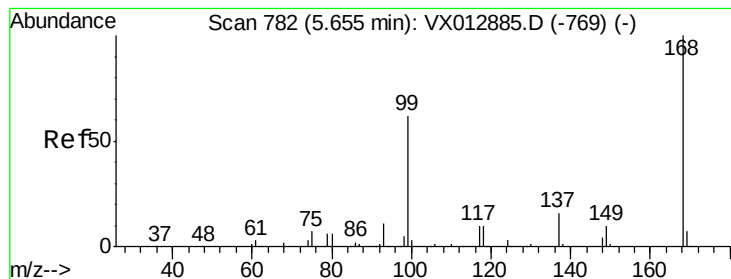
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012913.D

Acq: 09 Oct 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

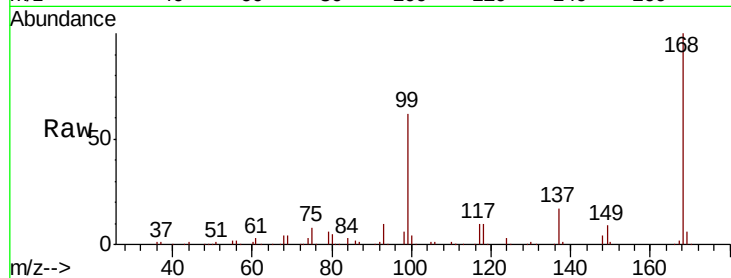
SA-PZ15711-20191001

Tot Ion:168 Resp: 181117

Ion Ratio Lower Upper

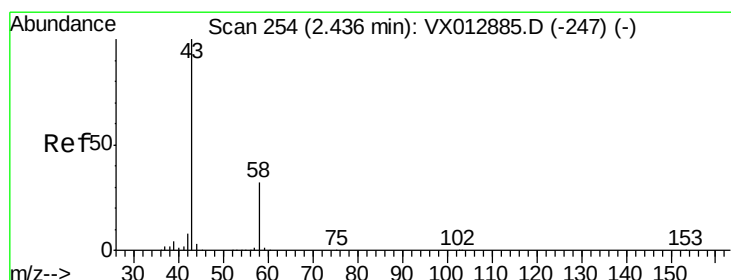
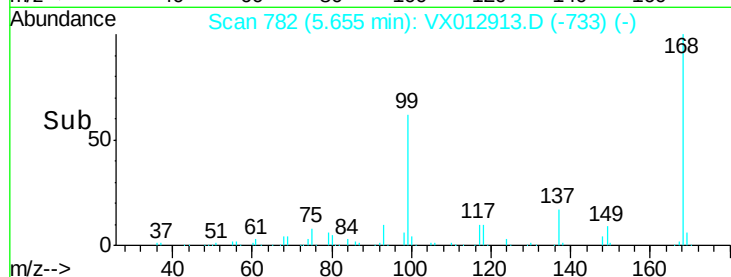
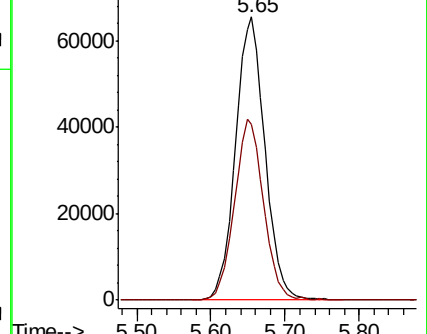
168 100

99 61.9 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.618 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012913.D

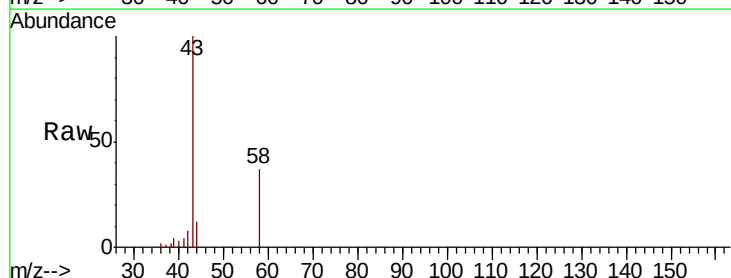
Acq: 09 Oct 2019 01:35

Tgt Ion: 43 Resp: 6704

Ion Ratio Lower Upper

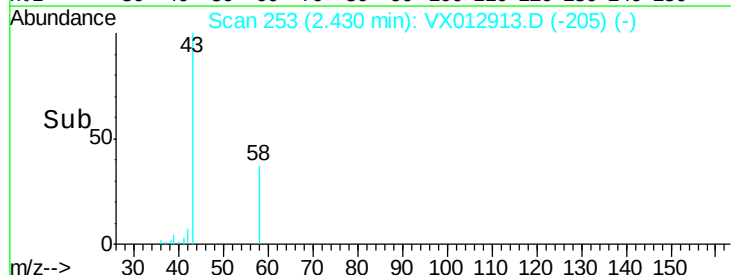
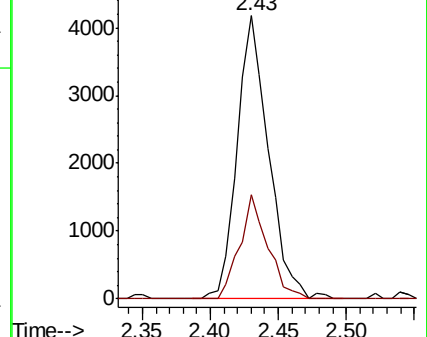
43 100

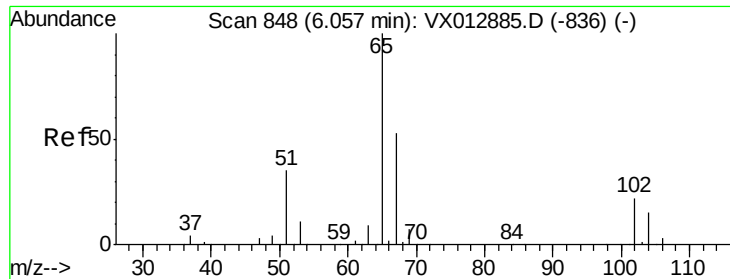
58 36.7 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.482 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012913.D

Acq: 09 Oct 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

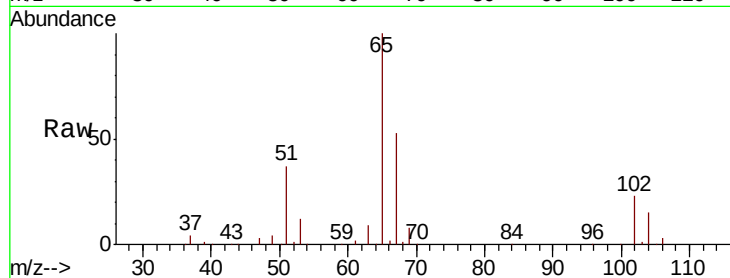
SA-PZ15711-20191001

Tot Ion: 65 Resp: 118805

Ion Ratio Lower Upper

65 100

67 52.1 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

50000

40000

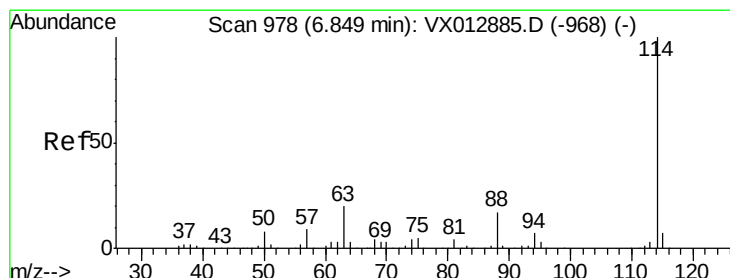
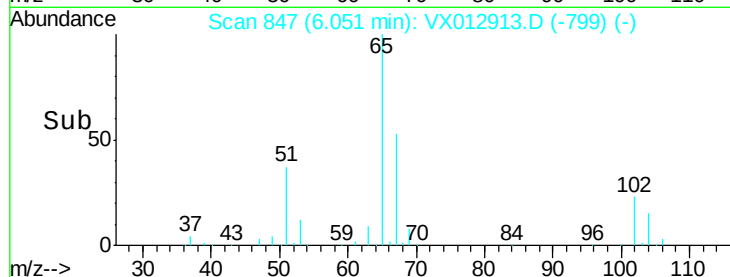
30000

20000

10000

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: VX012913.D

Acq: 09 Oct 2019 01:35

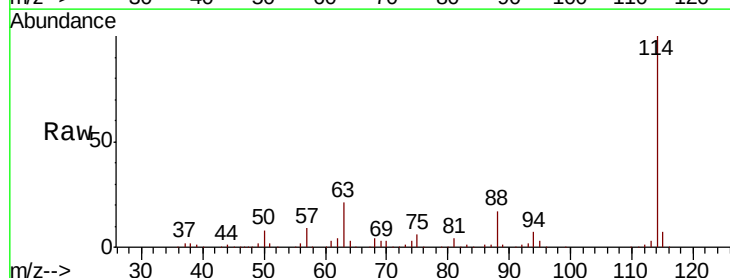
Tgt Ion: 114 Resp: 311436

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

88 17.3 0.0 33.8



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

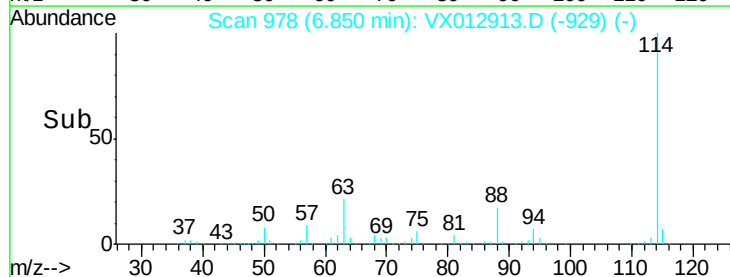
150000

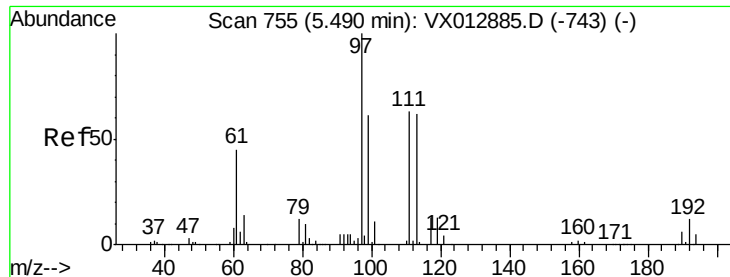
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

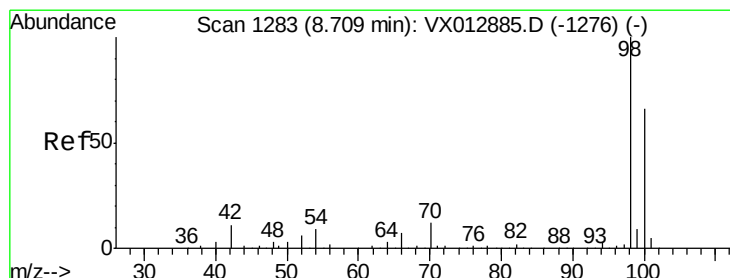
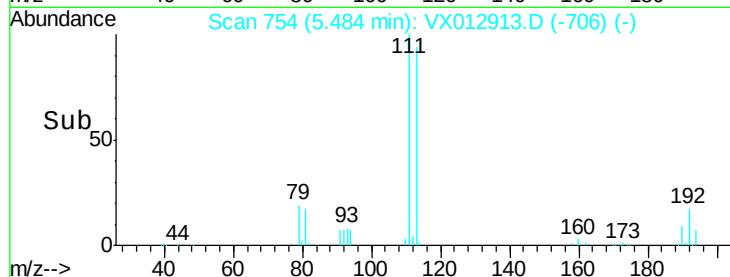
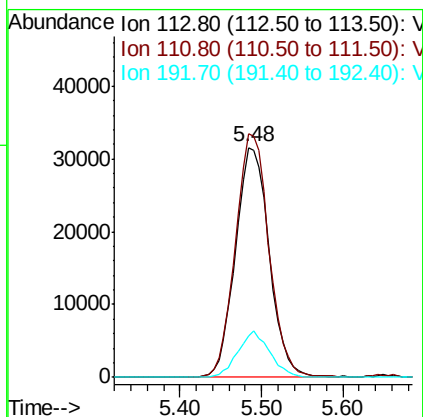
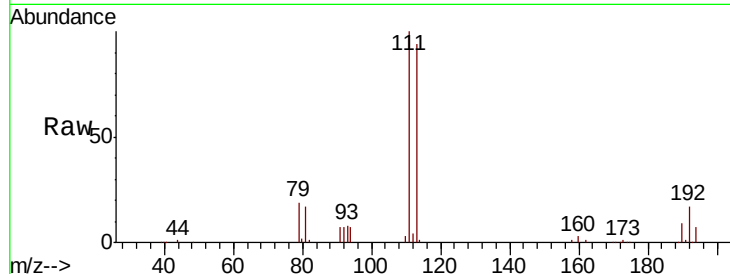




#35
 Dibromofluoromethane
 Concen: 50.808 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012913.D
 Acq: 09 Oct 2019 01:35

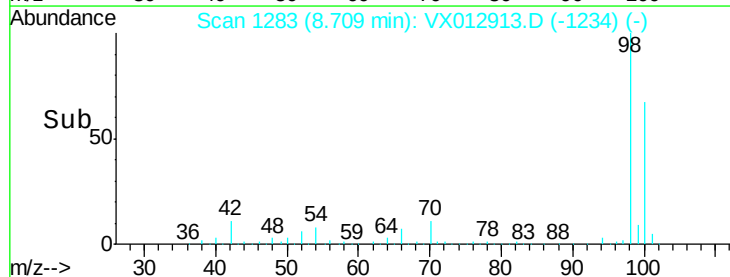
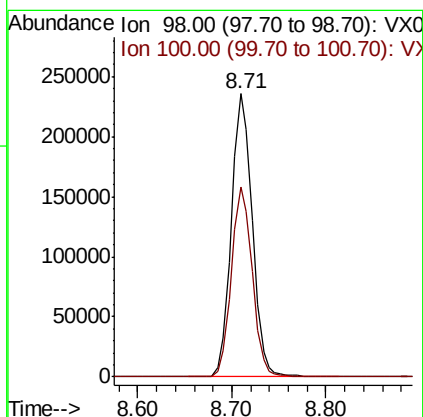
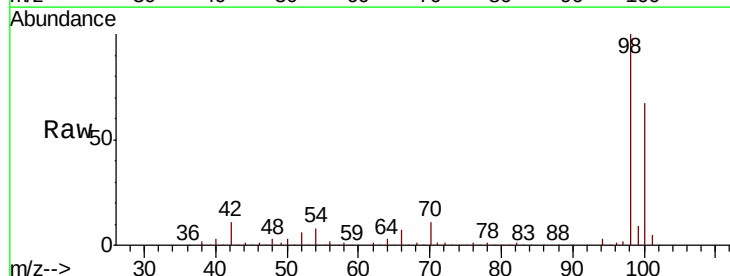
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ15711-20191001

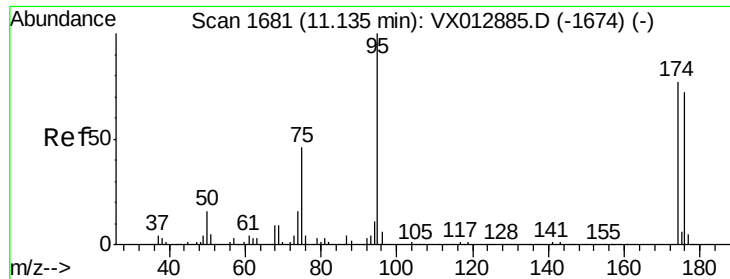
Tot Ion:113 Resp: 90819
 Ion Ratio Lower Upper
 113 100
 111 105.3 83.2 124.8
 192 19.3 15.4 23.2



#50
 Toluene-d8
 Concen: 52.171 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012913.D
 Acq: 09 Oct 2019 01:35

Tgt Ion: 98 Resp: 363718
 Ion Ratio Lower Upper
 98 100
 100 67.1 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 47.649 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012913.D

Acq: 09 Oct 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ15711-20191001

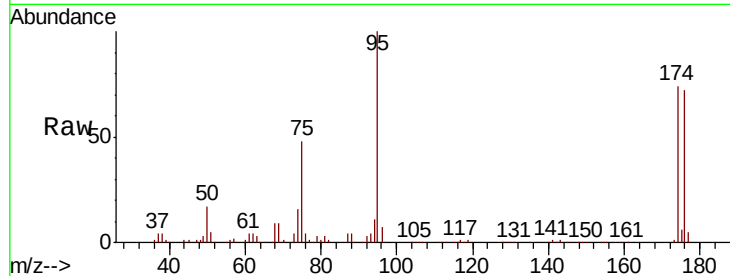
Tot Ion: 95 Resp: 129074

Ion Ratio Lower Upper

95 100

174 70.7 0.0 143.4

176 66.8 0.0 136.0



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

120000

100000

80000

60000

40000

20000

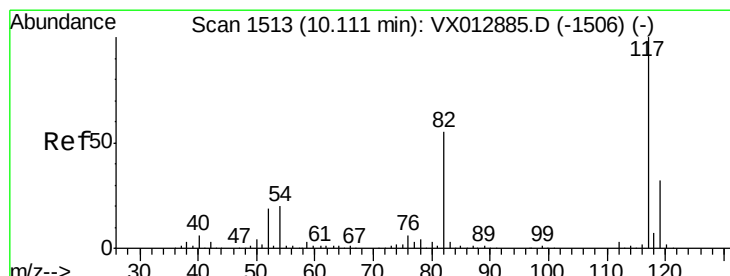
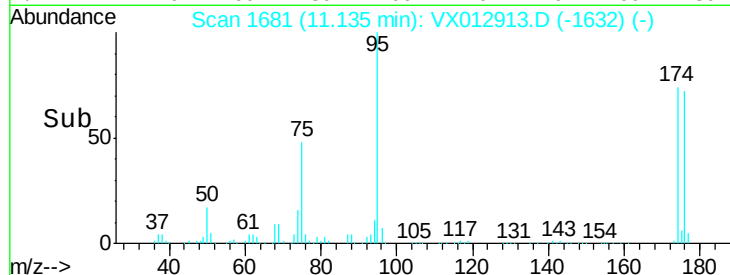
0

11.10

11.14

11.20

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012913.D

Acq: 09 Oct 2019 01:35

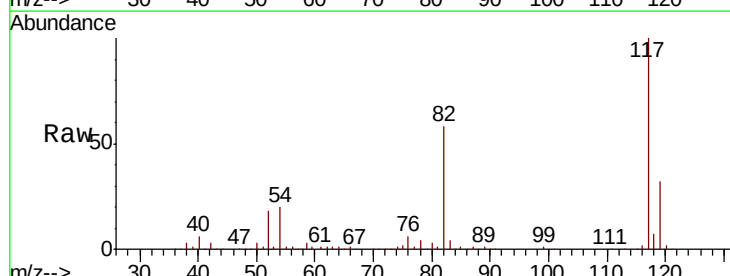
Tgt Ion: 117 Resp: 267789

Ion Ratio Lower Upper

117 100

82 57.6 44.1 66.1

119 32.5 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

250000

200000

150000

100000

50000

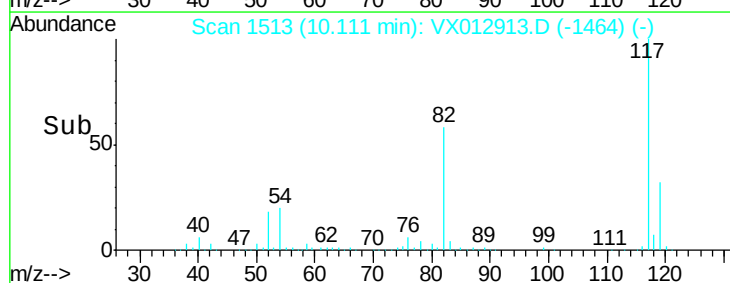
0

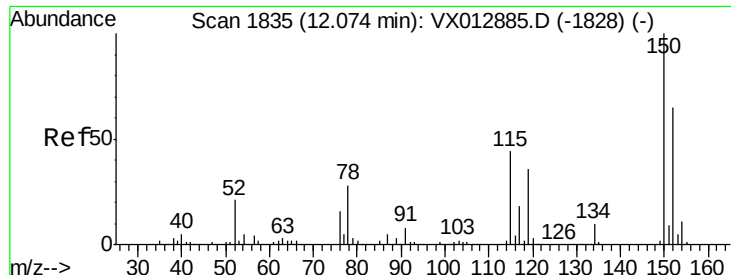
10.00

10.11

10.20

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012913.D

Acq: 09 Oct 2019 01:35

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ15711-20191001

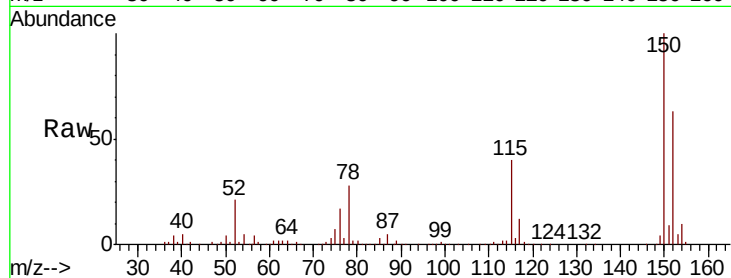
Tot Ion:152 Resp: 106875

Ion Ratio Lower Upper

152 100

115 64.1 44.5 133.5

150 160.3 0.0 353.4



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

