

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013130.D
 Acq On : 18 Oct 2019 16:21
 Operator : JC/SP
 Sample : K5450-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0330

Quant Time: Oct 19 04:49:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	231011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93181	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	102563	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
35) Dibromofluoromethane	5.49	113	80133	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	8.71	98	315428	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	11.13	95	105082	44.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.46%	

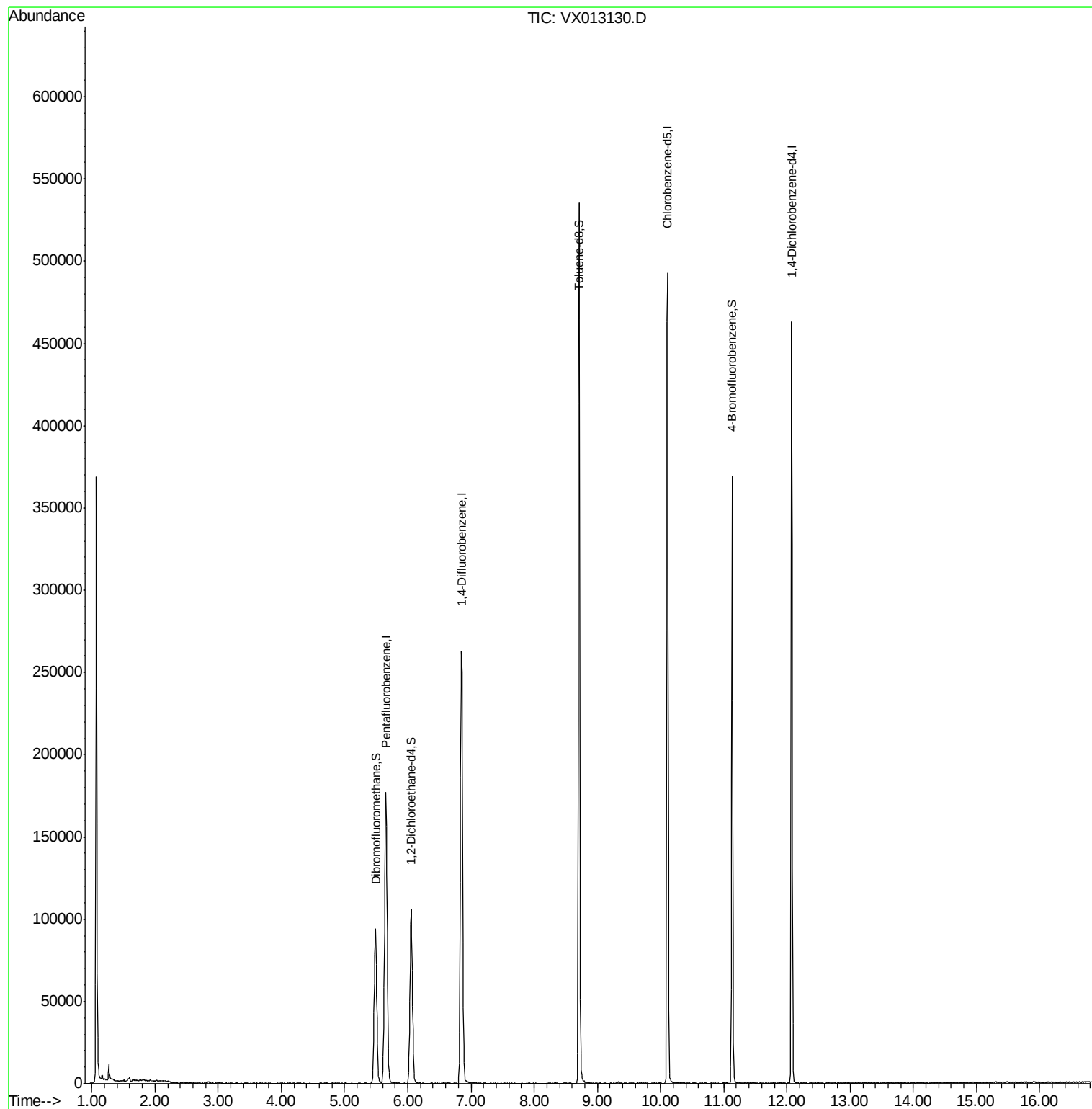
Target Compounds	Qvalue

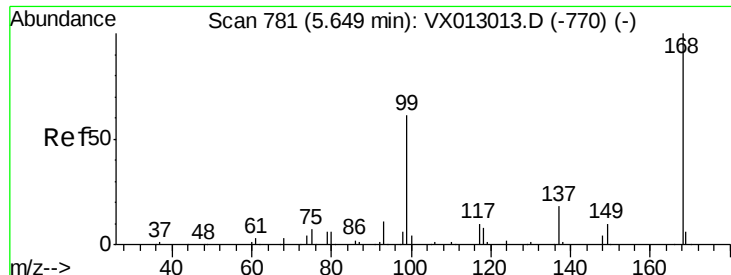
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013130.D

Acq: 18 Oct 2019 16:21

Instrument :

MSVOA_X

ClientSampleId :

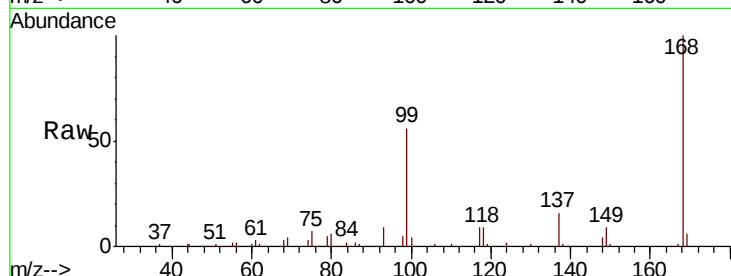
FA19-MMW0330

Tot Ion:168 Resp: 169220

Ion Ratio Lower Upper

168 100

99 56.1 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.65

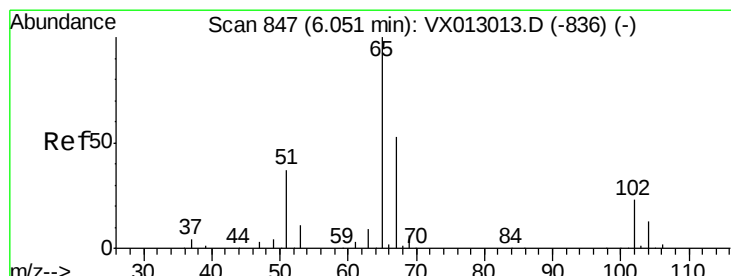
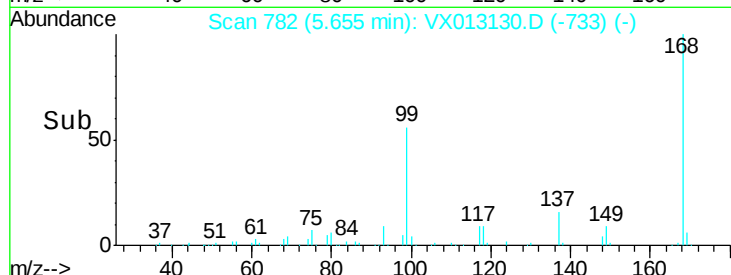
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#33

1,2-Dichloroethane-d4

Concen: 48.492 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX013130.D

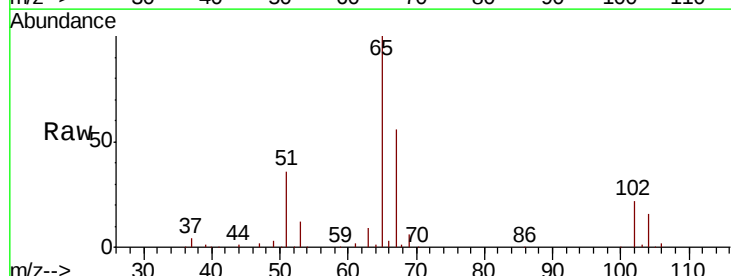
Acq: 18 Oct 2019 16:21

Tgt Ion: 65 Resp: 102563

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

40000

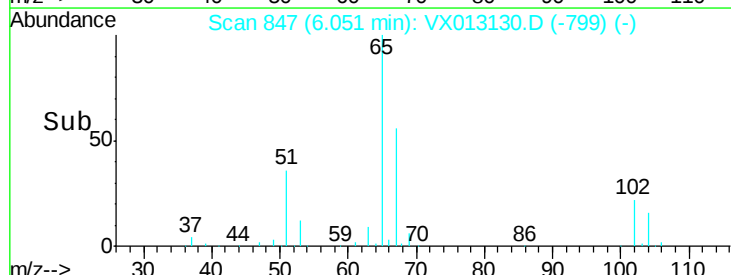
30000

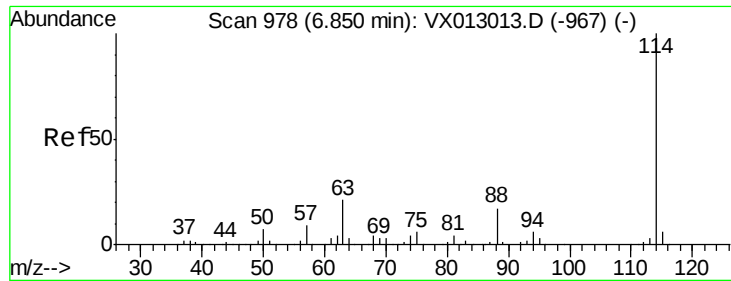
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

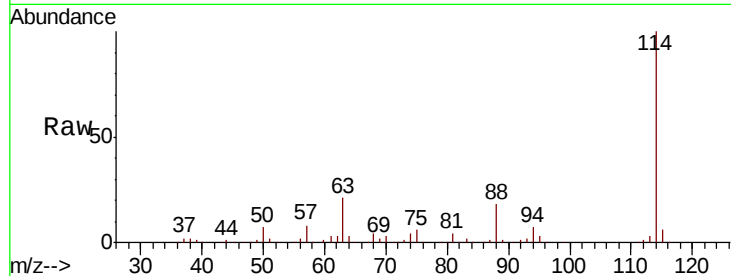




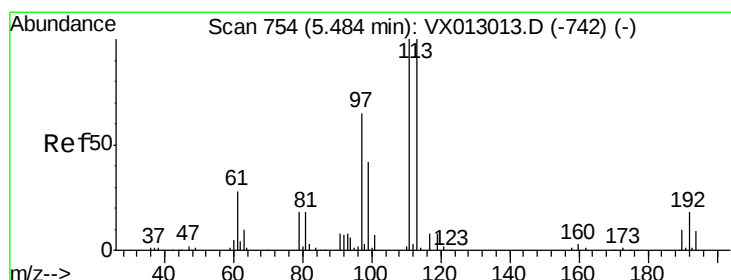
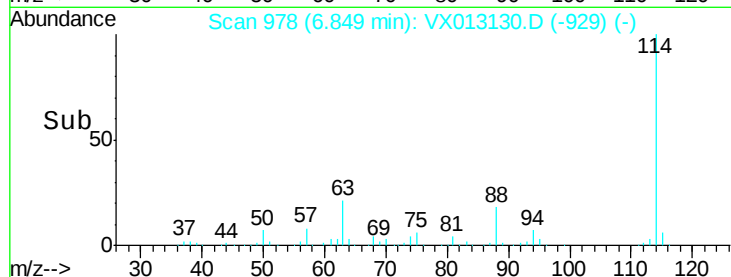
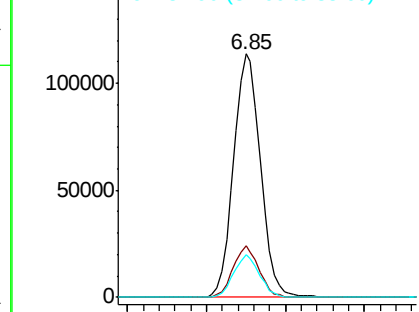
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013130.D
Acq: 18 Oct 2019 16:21

Instrument :
MSVOA_X
ClientSampleId :
FA19-MMW0330

Tot Ion:114 Resp: 270088
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 17.5 0.0 33.8

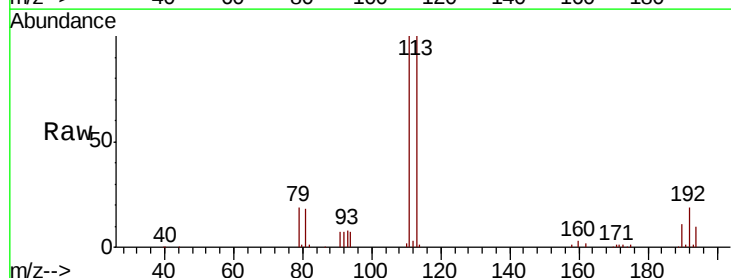


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VXO
Ion 87.90 (87.60 to 88.60): VXO

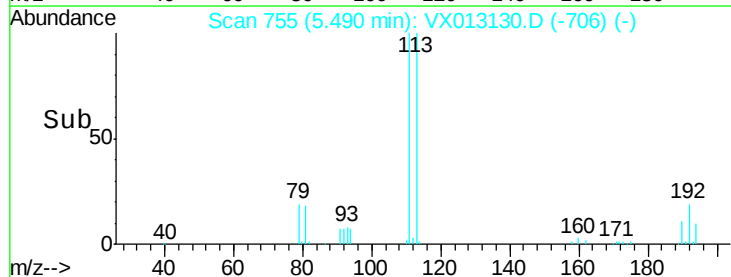
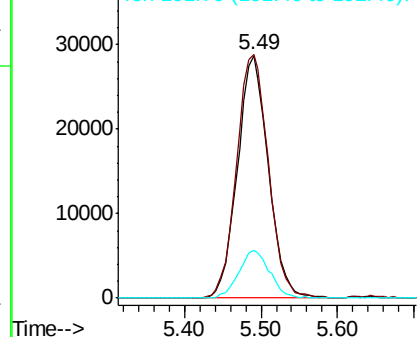


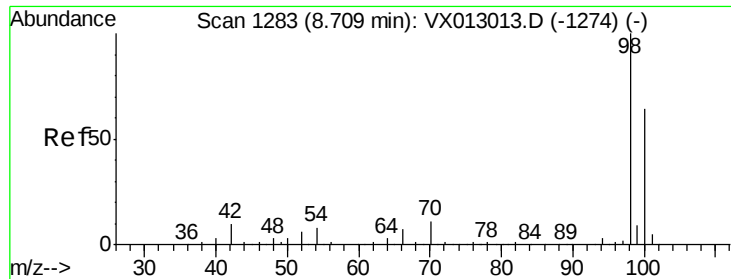
#35
Dibromofluoromethane
Concen: 51.693 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013130.D
Acq: 18 Oct 2019 16:21

Tgt Ion:113 Resp: 80133
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 19.8 15.4 23.2



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: 52.171 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013130.D

Acq: 18 Oct 2019 16:21

Instrument :

MSVOA_X

ClientSampleId :

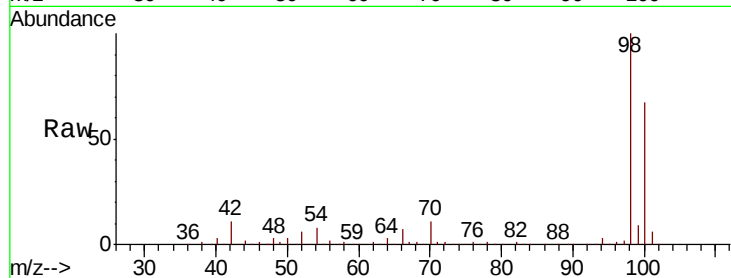
FA19-MMW0330

Tot Ion: 98 Resp: 315428

Ion Ratio Lower Upper

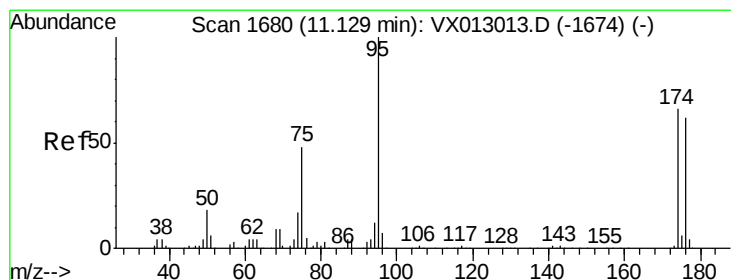
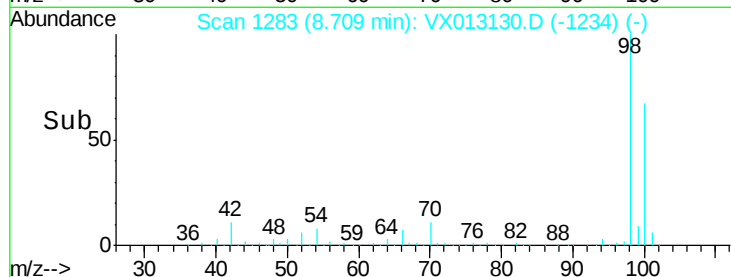
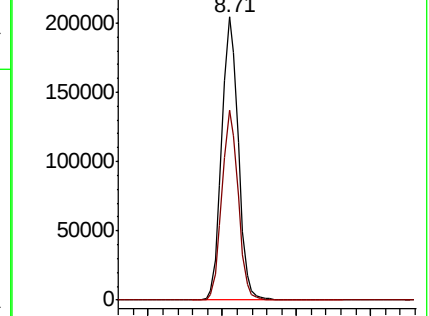
98 100

100 65.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.731 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013130.D

Acq: 18 Oct 2019 16:21

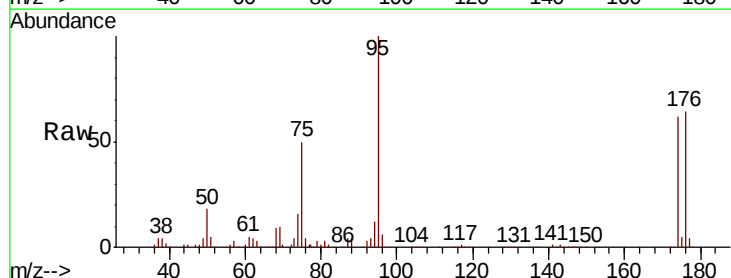
Tgt Ion: 95 Resp: 105082

Ion Ratio Lower Upper

95 100

174 76.8 0.0 143.4

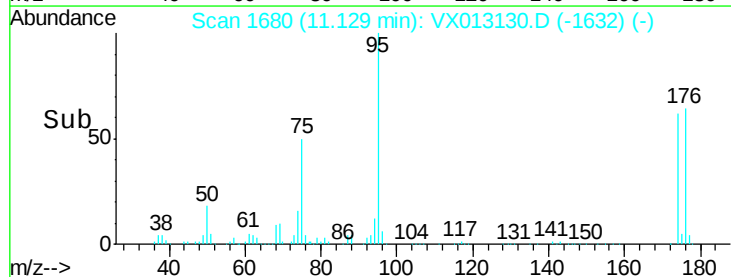
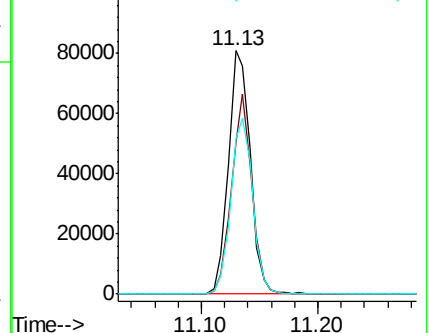
176 73.0 0.0 136.0

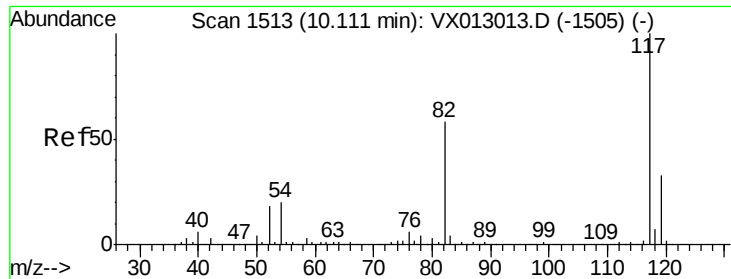


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013130.D

Acq: 18 Oct 2019 16:21

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0330

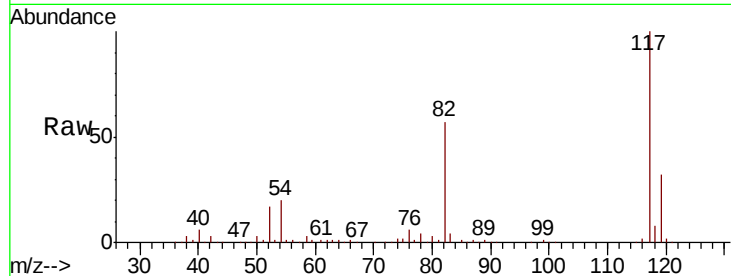
Tot Ion:117 Resp: 231011

Ion Ratio Lower Upper

117 100

82 56.9 44.1 66.1

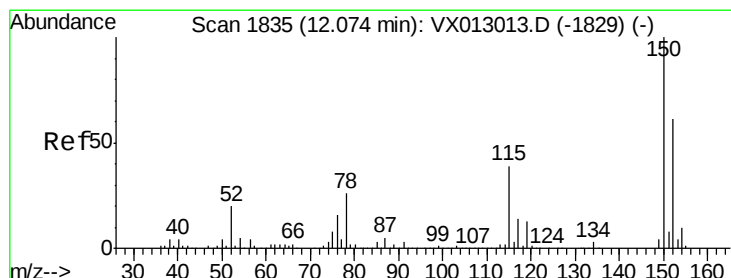
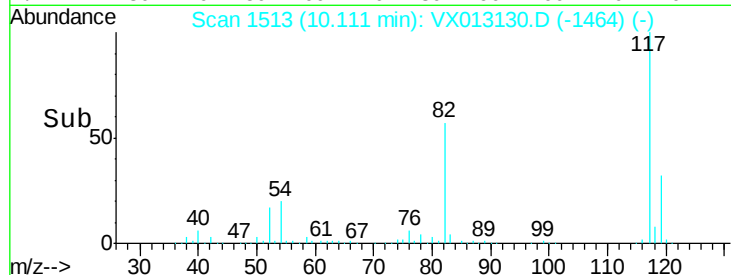
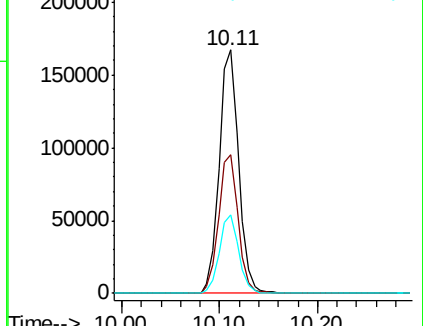
119 32.3 25.8 38.8



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: VX013130.D

Acq: 18 Oct 2019 16:21

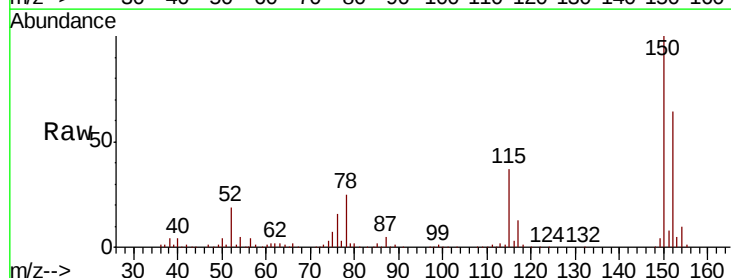
Tgt Ion:152 Resp: 93181

Ion Ratio Lower Upper

152 100

115 60.8 44.5 133.5

150 155.1 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

