

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013585.D
 Acq On : 25 Nov 2019 16:47
 Operator : JC/SP
 Sample : K5968-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20191121

Quant Time: Nov 26 06:37:03 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

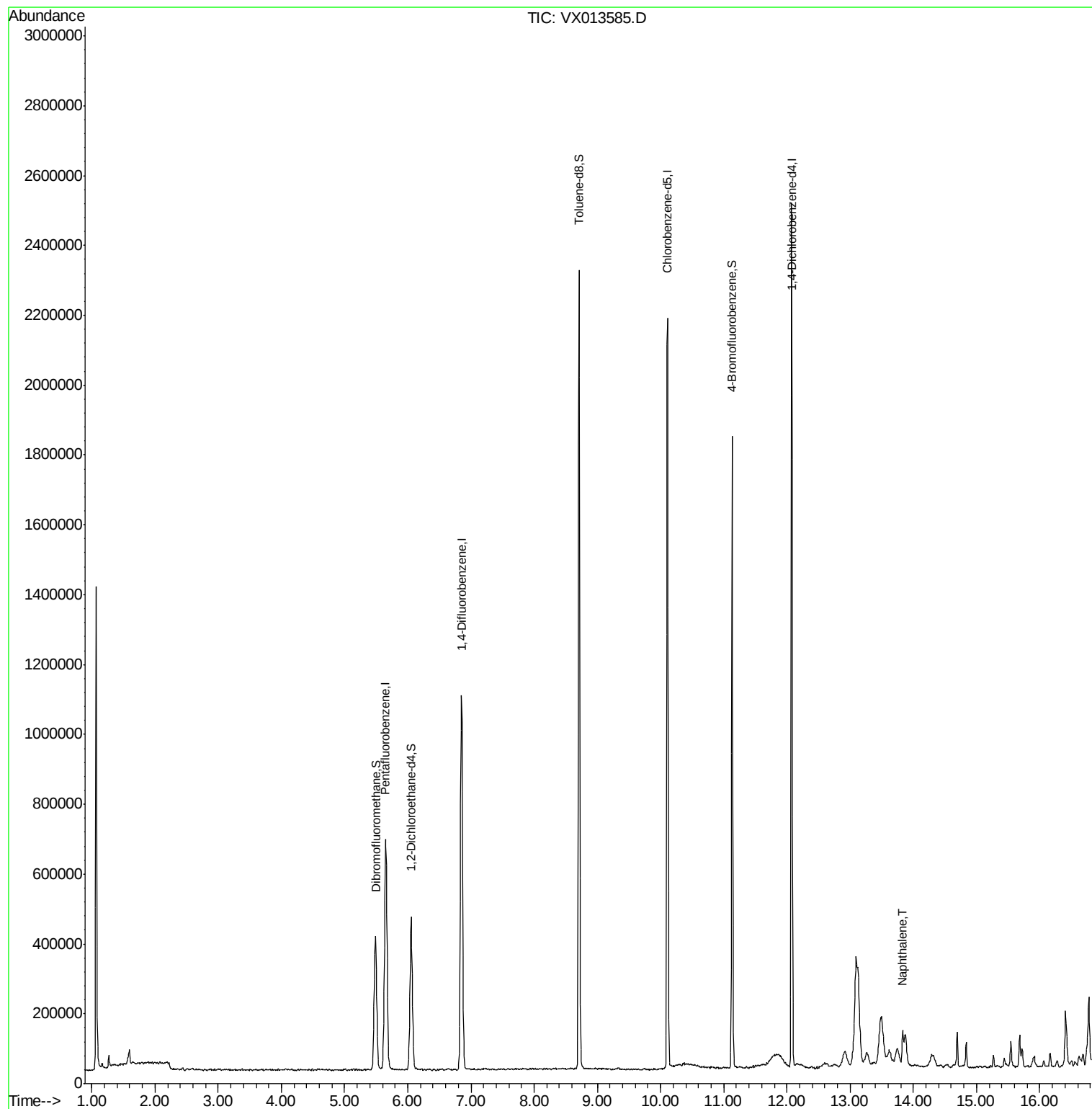
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	691405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1107596	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1011771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	511909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	399974	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	5.48	113	331486	47.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.44%	
50) Toluene-d8	8.71	98	1347368	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.14	95	478041	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
Target Compounds						
95) Naphthalene	13.83	128	59098	1.675	ug/l	Qvalue 97

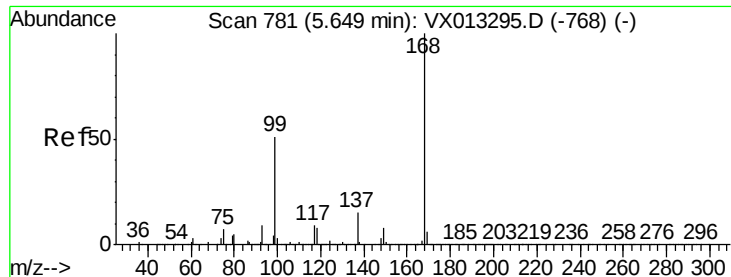
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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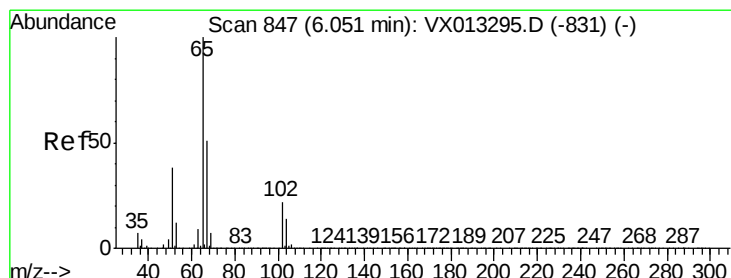
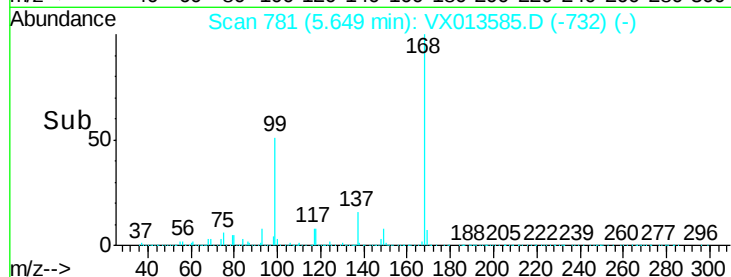
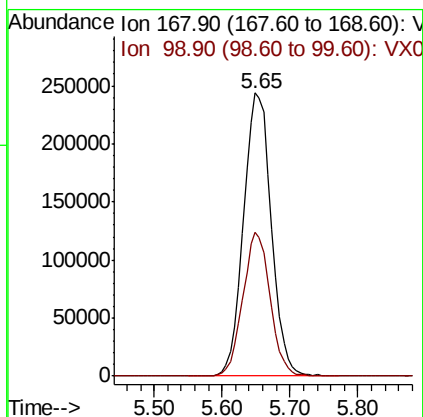
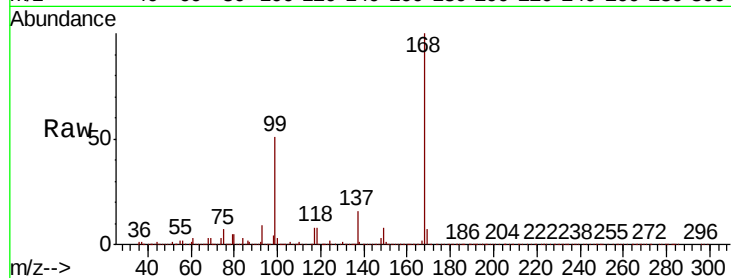


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013585.D
 Acq: 25 Nov 2019 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-117N-20191121

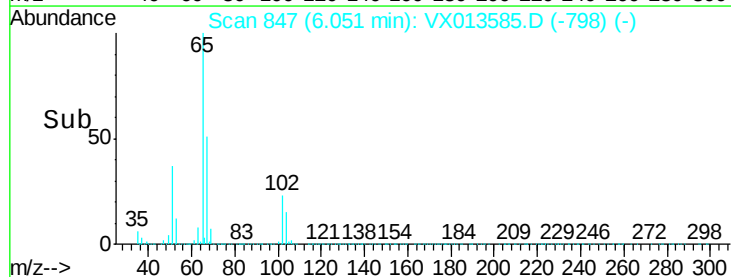
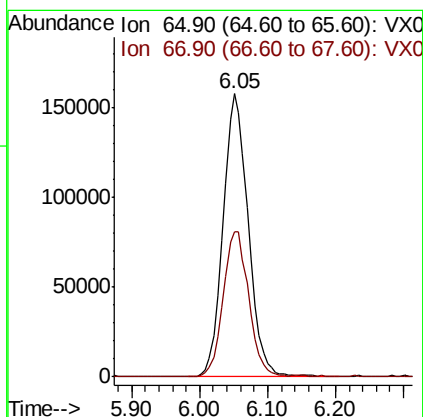
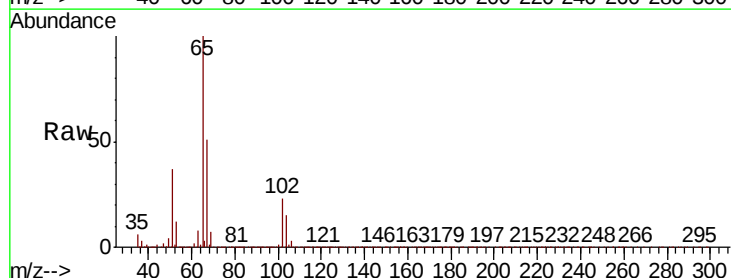
Tot Ion:168 Resp: 691405
 Ion Ratio Lower Upper
 168 100
 99 50.7 40.8 61.2

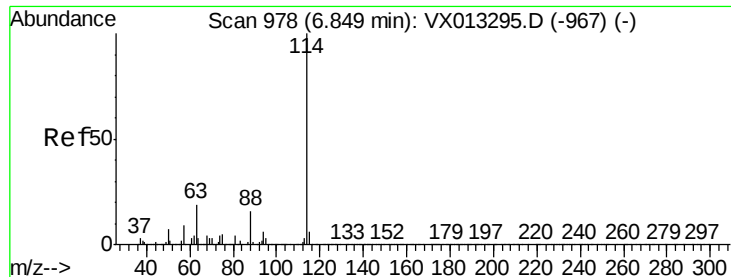


#33

1,2-Dichloroethane-d4
 Concen: 48.830 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013585.D
 Acq: 25 Nov 2019 16:47

Tgt Ion: 65 Resp: 399974
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013585.D

Acq: 25 Nov 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20191121

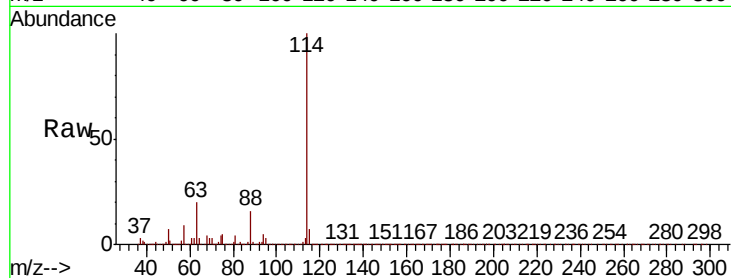
Tot Ion:114 Resp: 1107596

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.4

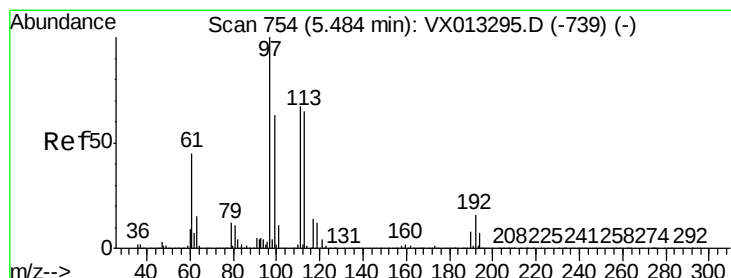
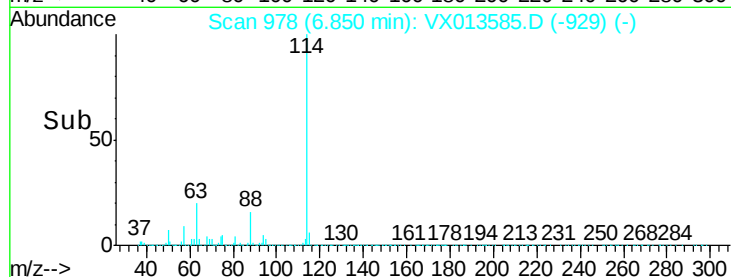
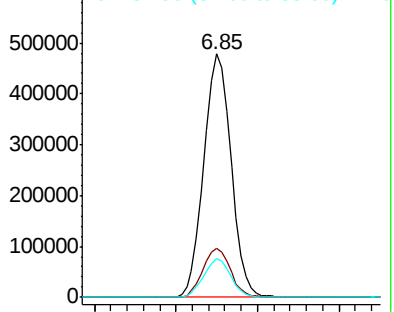
88 16.0 0.0 32.2



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: 47.717 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013585.D

Acq: 25 Nov 2019 16:47

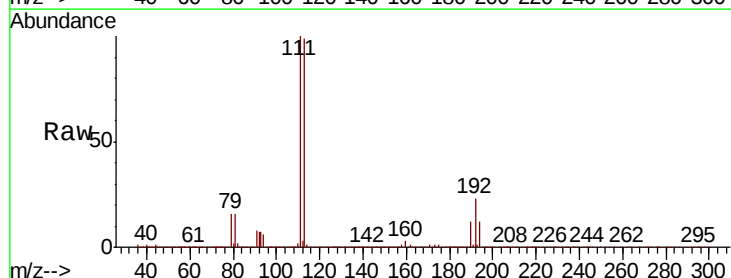
Tgt Ion:113 Resp: 331486

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

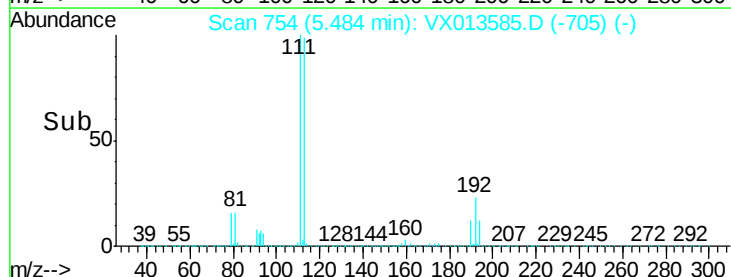
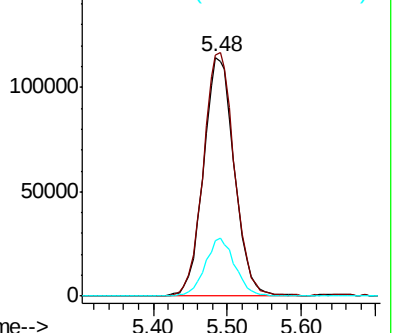
192 23.3 19.1 28.7

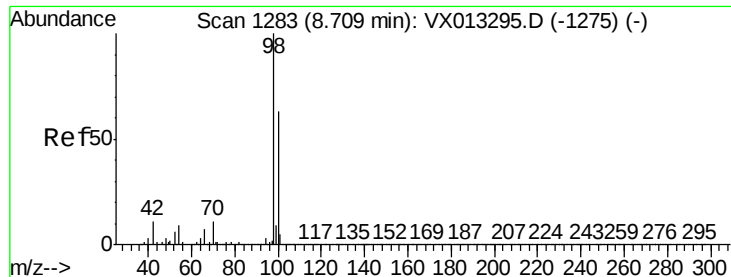


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.447 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013585.D

Acq: 25 Nov 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

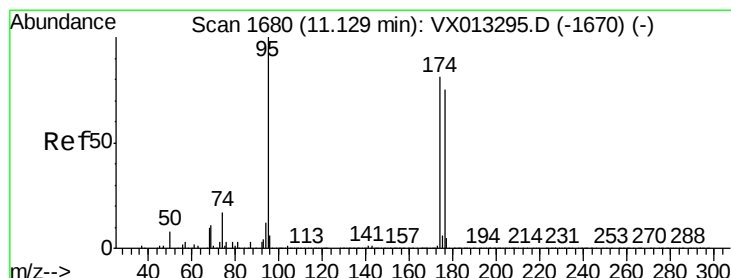
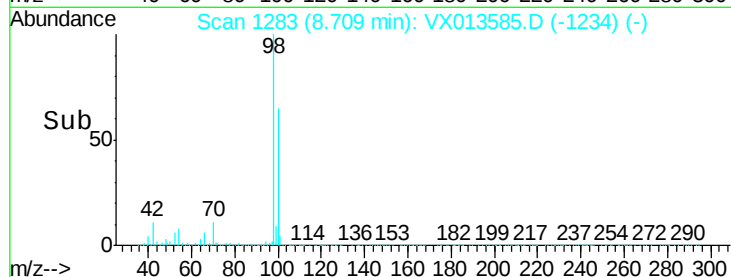
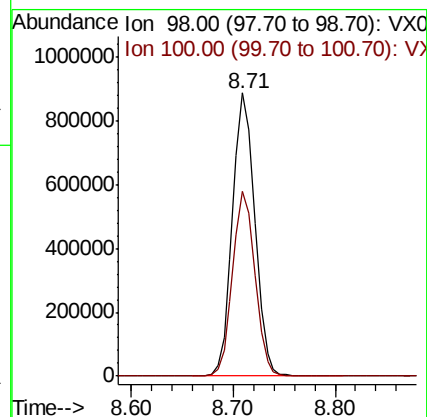
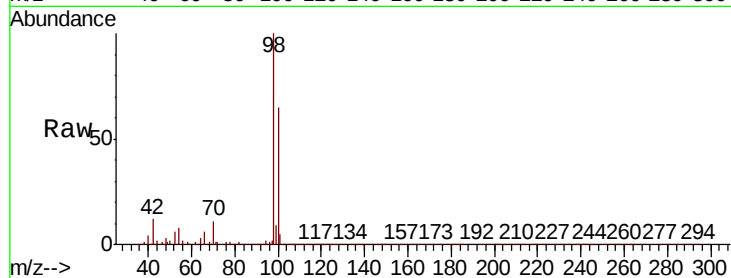
MH-117N-20191121

Tot Ion: 98 Resp: 1347368

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 50.576 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013585.D

Acq: 25 Nov 2019 16:47

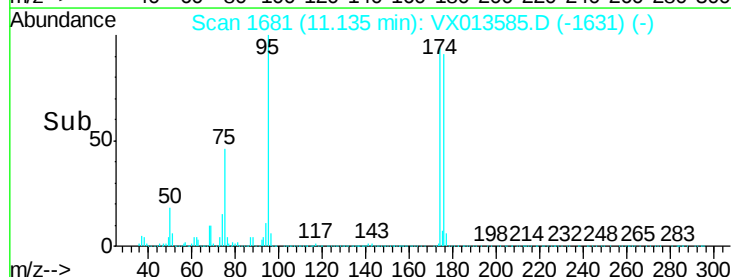
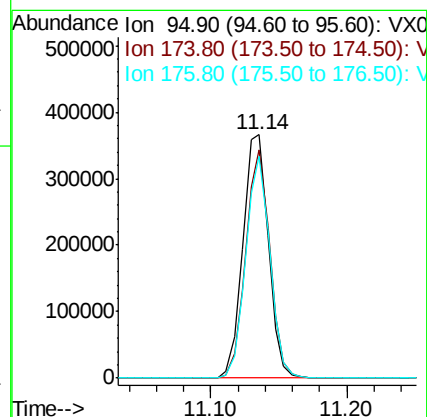
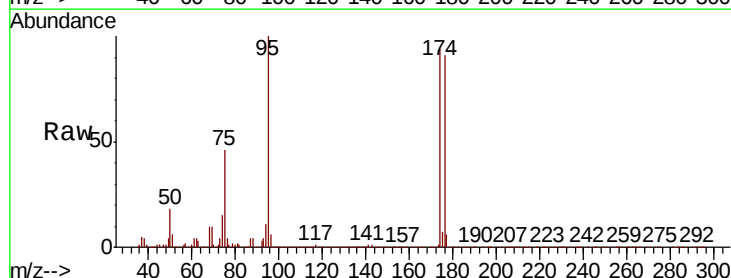
Tgt Ion: 95 Resp: 478041

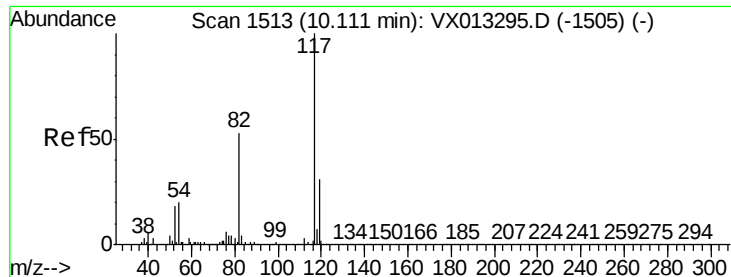
Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.8

176 86.6 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: VX013585.D

Acq: 25 Nov 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

MH-117N-20191121

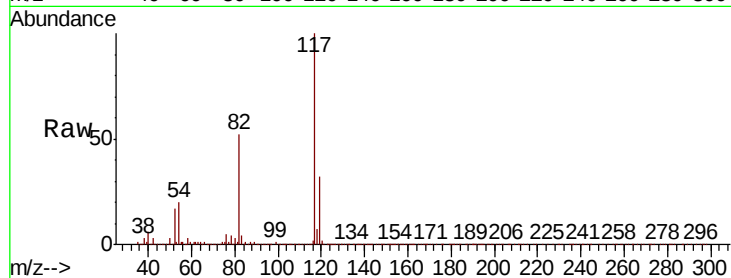
Tot Ion:117 Resp: 1011771

Ion Ratio Lower Upper

117 100

82 51.5 42.6 64.0

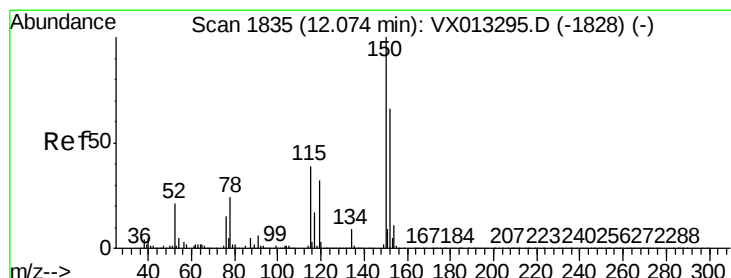
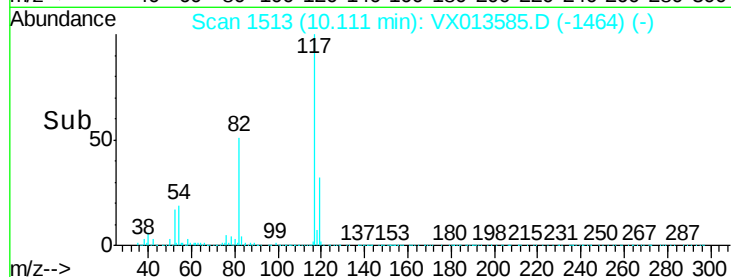
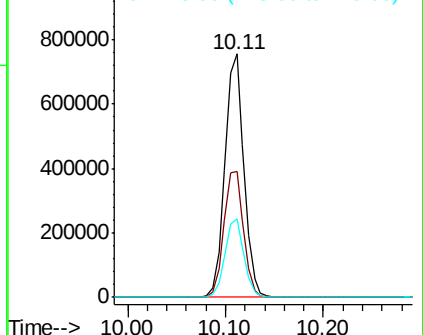
119 32.1 24.8 37.2



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: VX013585.D

Acq: 25 Nov 2019 16:47

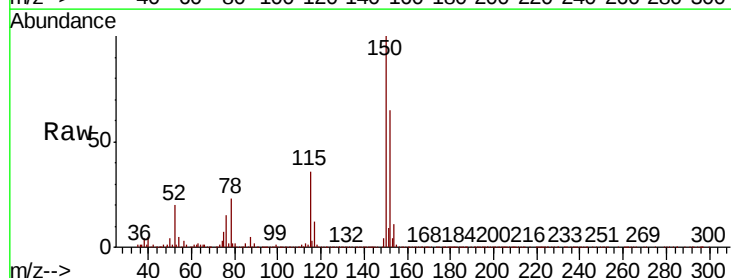
Tgt Ion:152 Resp: 511909

Ion Ratio Lower Upper

152 100

115 55.6 39.5 118.3

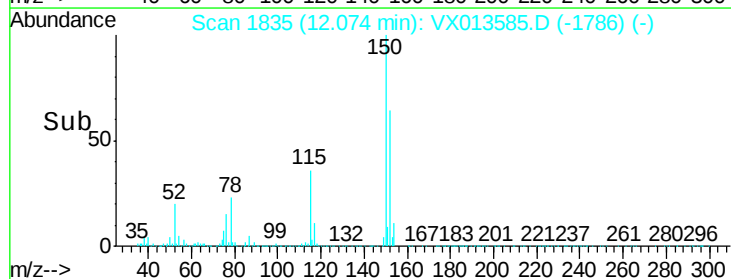
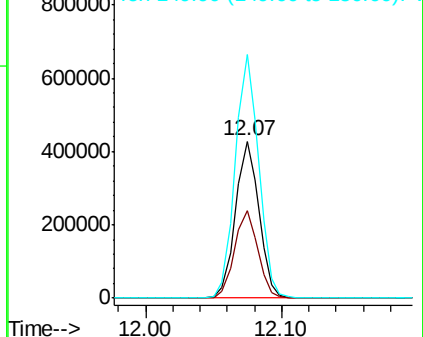
150 155.7 0.0 344.4

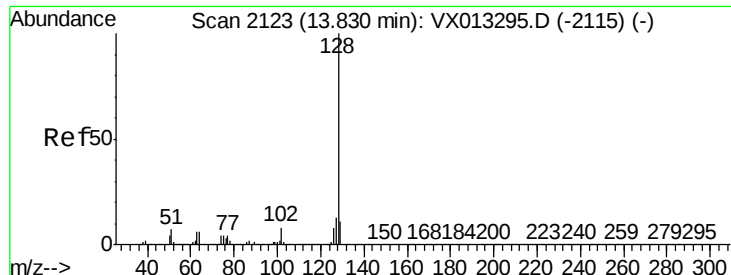


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 1.675 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013585.D
Acq: 25 Nov 2019 16:47

Instrument :
MSVOA_X
ClientSampleId :
MH-117N-20191121

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.2
129	11.3	8.5	12.7

