

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013568.D
 Acq On : 23 Nov 2019 05:32
 Operator : JC/SP
 Sample : K5968-08 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5N-20191121

Quant Time: Nov 25 07:04:24 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	639677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1042146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	929810	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	424287	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	382188	50.43	ug/l	0.00
Spiked Amount			Recovery	=	100.86%	
35) Dibromofluoromethane	5.48	113	315212	48.22	ug/l	0.00
Spiked Amount			Recovery	=	96.44%	
50) Toluene-d8	8.71	98	1244355	50.50	ug/l	0.00
Spiked Amount			Recovery	=	101.00%	
62) 4-Bromofluorobenzene	11.14	95	417390	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	

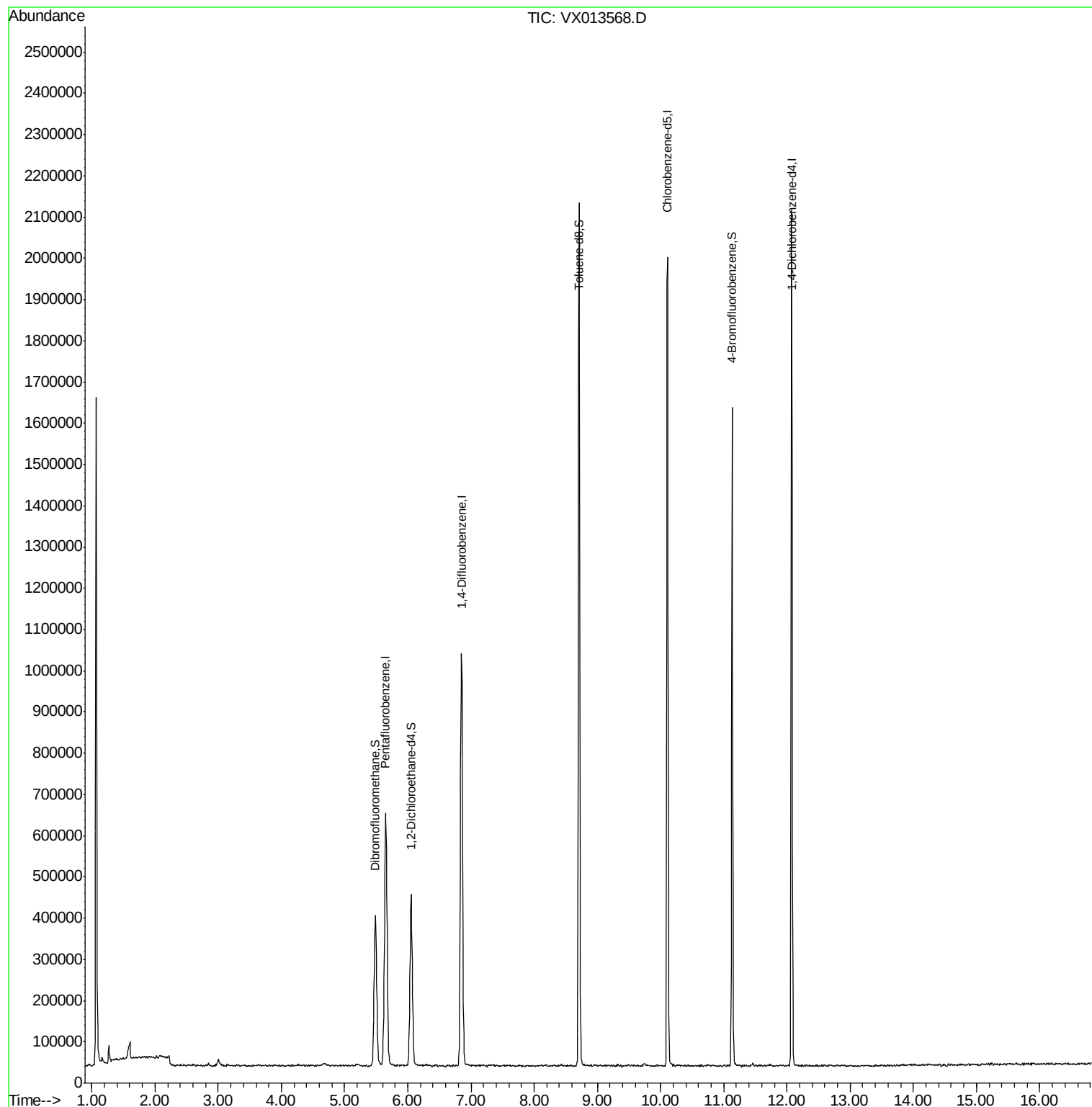
Target Compounds	Qvalue
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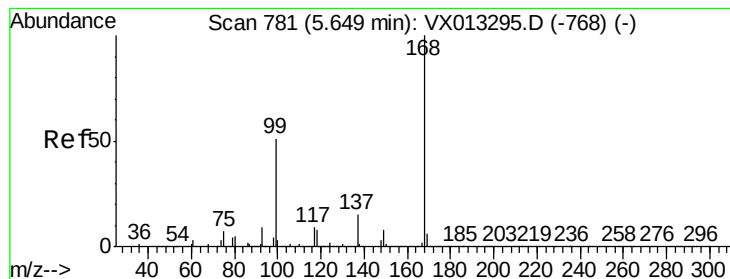
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013568.D

Acq: 23 Nov 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

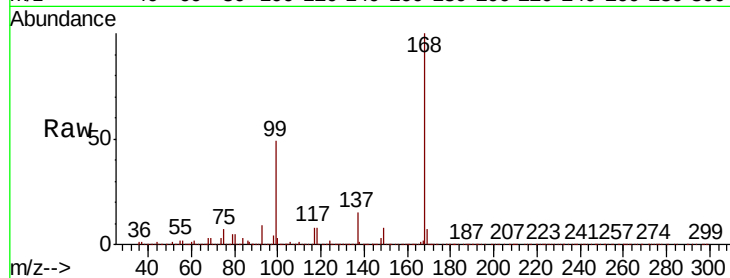
MH-121.5N-20191121

Tot Ion:168 Resp: 639677

Ion Ratio Lower Upper

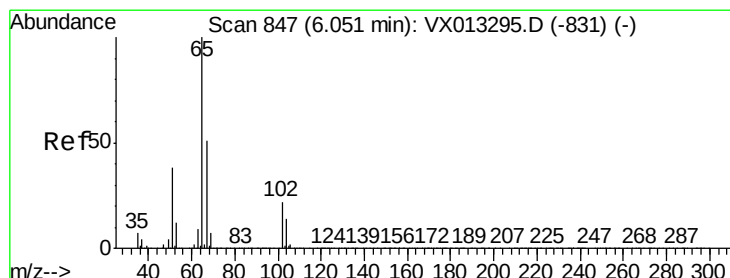
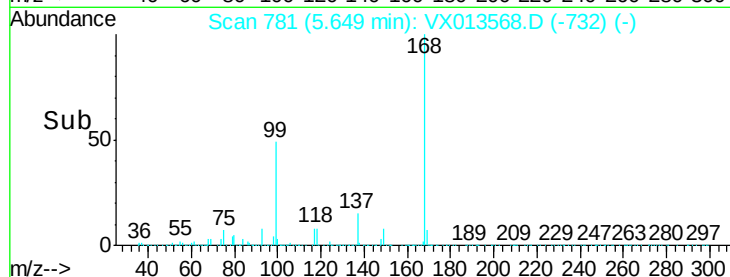
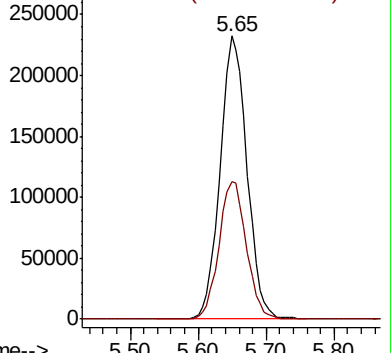
168 100

99 48.6 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.432 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013568.D

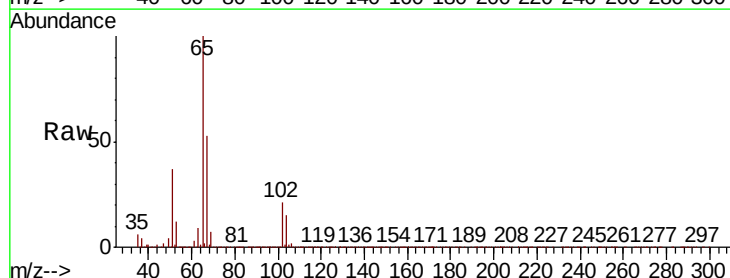
Acq: 23 Nov 2019 05:32

Tgt Ion: 65 Resp: 382188

Ion Ratio Lower Upper

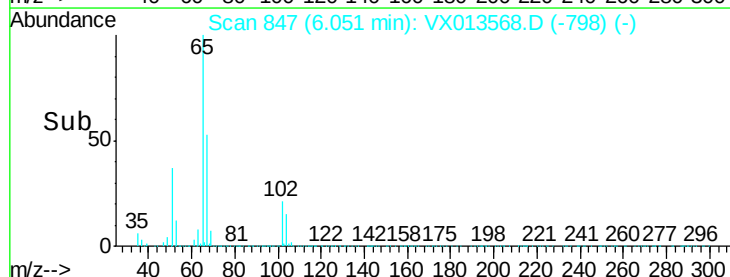
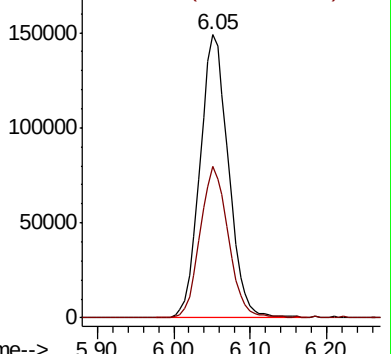
65 100

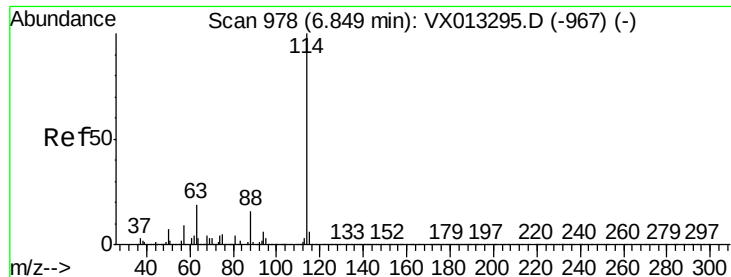
67 53.2 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013568.D

Acq: 23 Nov 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

MH-121.5N-20191121

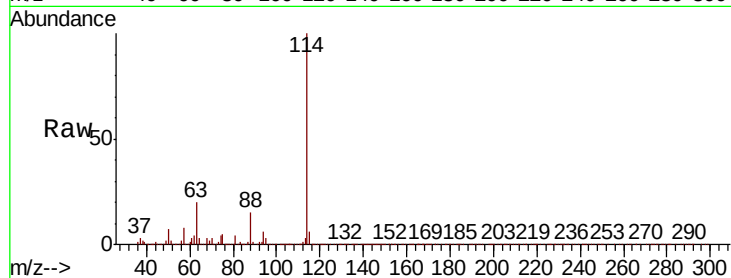
Tot Ion:114 Resp: 1042146

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.4

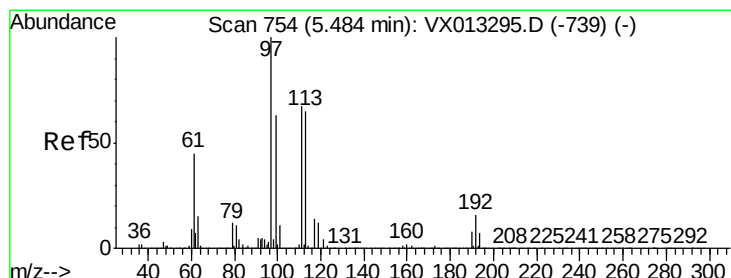
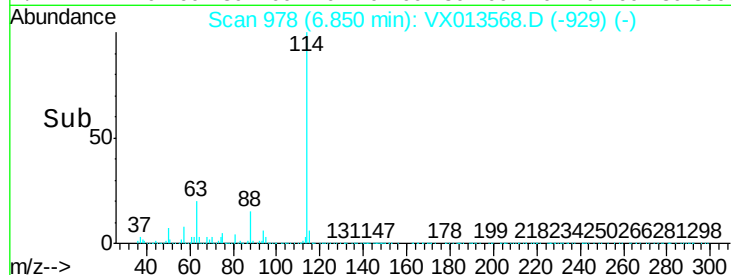
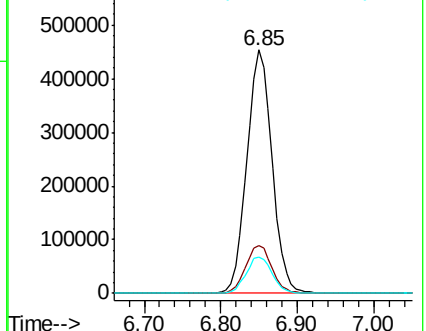
88 15.0 0.0 32.2



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: 48.224 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013568.D

Acq: 23 Nov 2019 05:32

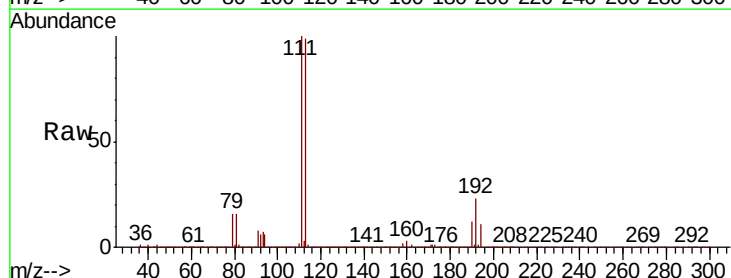
Tgt Ion:113 Resp: 315212

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

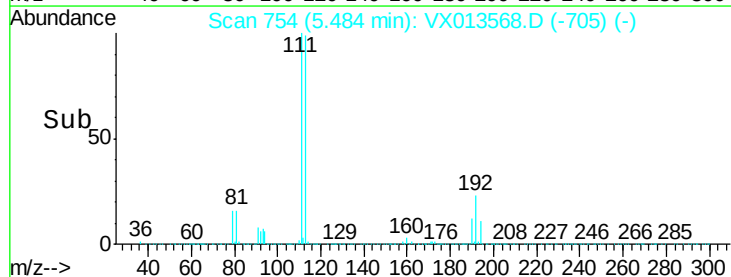
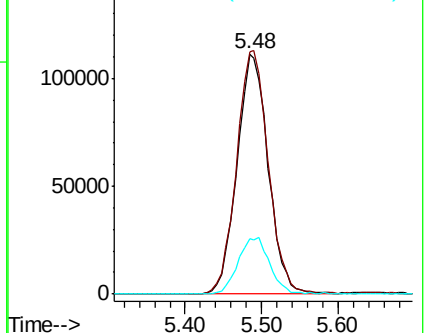
192 23.5 19.1 28.7

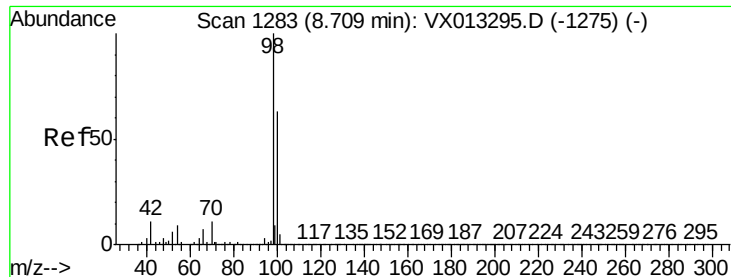


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

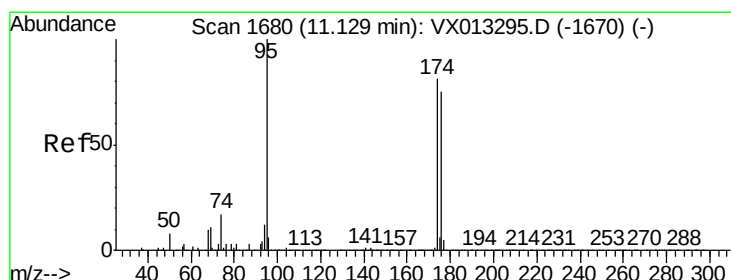
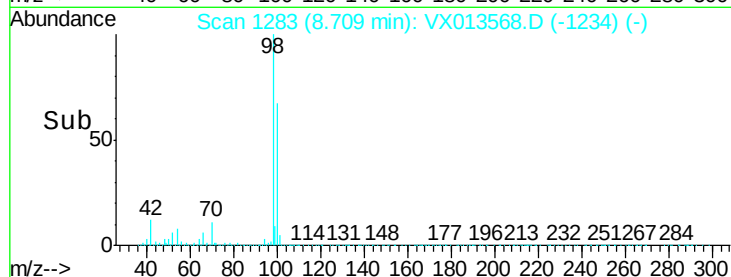
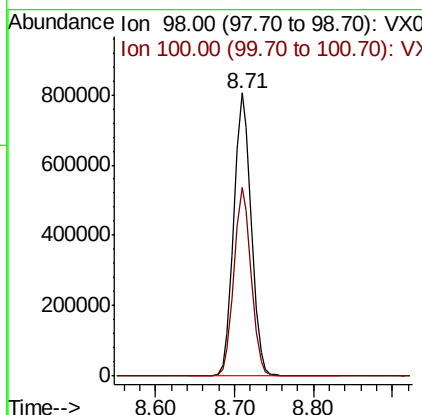
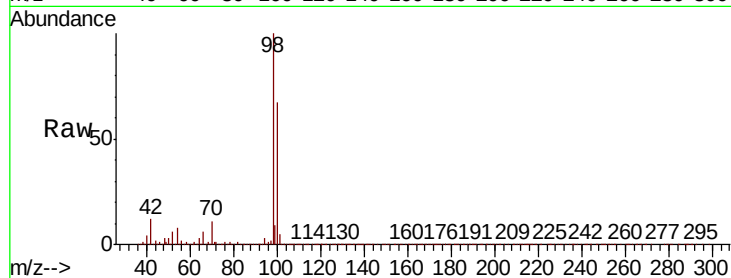




#50
Toluene-d8
Concen: 50.498 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013568.D
Acq: 23 Nov 2019 05:32

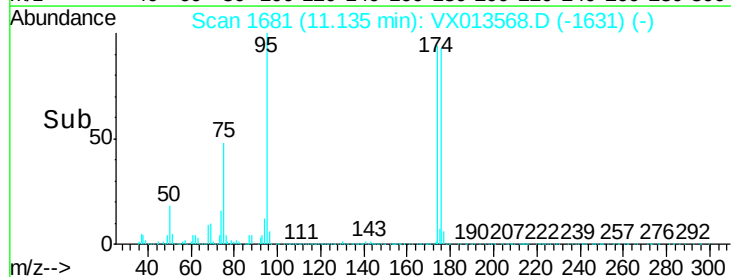
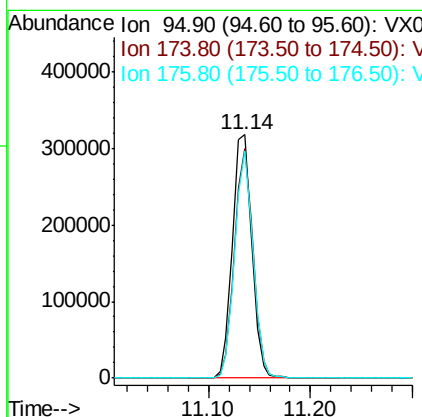
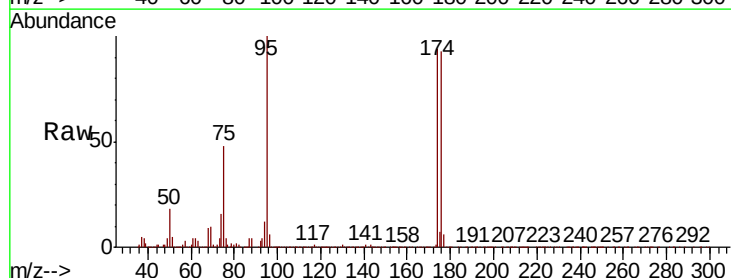
Instrument :
MSVOA_X
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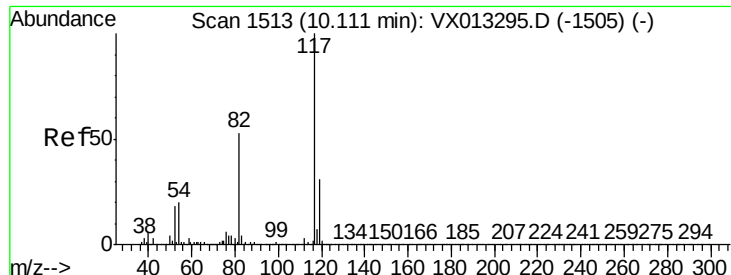
Tot Ion: 98 Resp: 1244355
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 46.933 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013568.D
Acq: 23 Nov 2019 05:32

Tgt Ion: 95 Resp: 417390
Ion Ratio Lower Upper
95 100
174 90.0 0.0 179.8
176 87.7 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: VX013568.D

Acq: 23 Nov 2019 05:32

Instrument :

MSVOA_X

ClientSampleId :

MH-121.5N-20191121

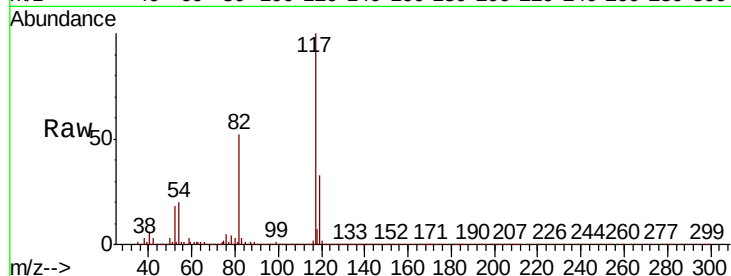
Tot Ion:117 Resp: 929810

Ion Ratio Lower Upper

117 100

82 51.5 42.6 64.0

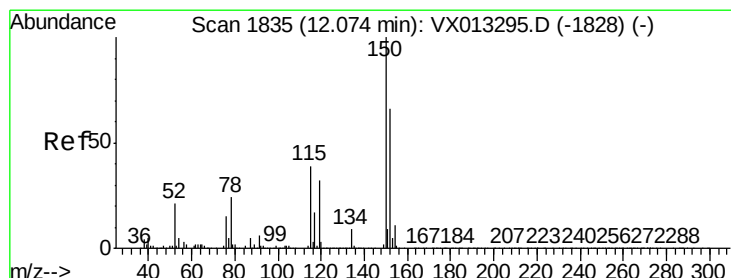
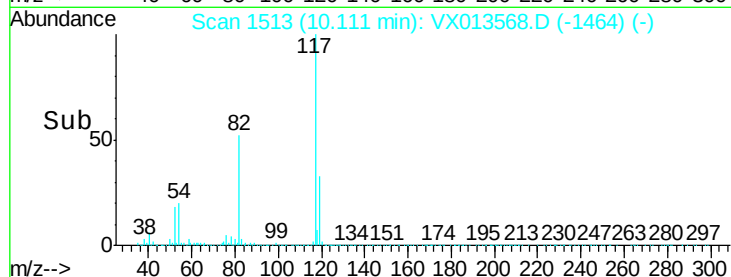
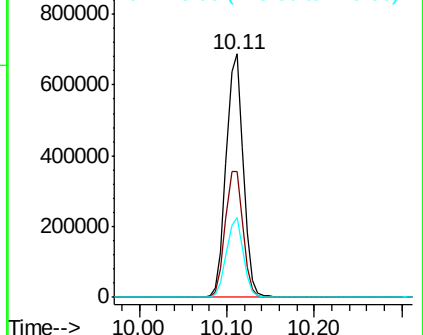
119 32.6 24.8 37.2



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: VX013568.D

Acq: 23 Nov 2019 05:32

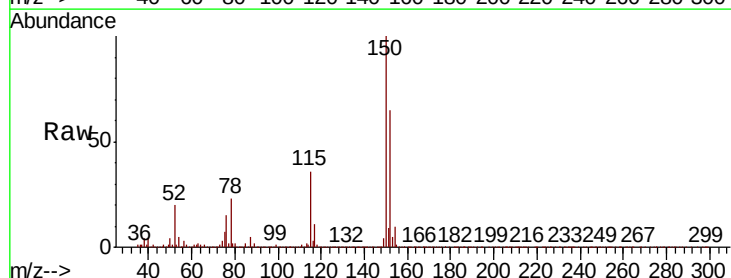
Tgt Ion:152 Resp: 424287

Ion Ratio Lower Upper

152 100

115 55.2 39.5 118.3

150 156.1 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

