

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013571.D
 Acq On : 23 Nov 2019 06:43
 Operator : JC/SP
 Sample : K5968-11 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-140N-20191121

Quant Time: Nov 25 07:11:09 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	629239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1033088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	926608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	429529	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	379058	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	5.49	113	311846	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
50) Toluene-d8	8.71	98	1245193	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.14	95	417086	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

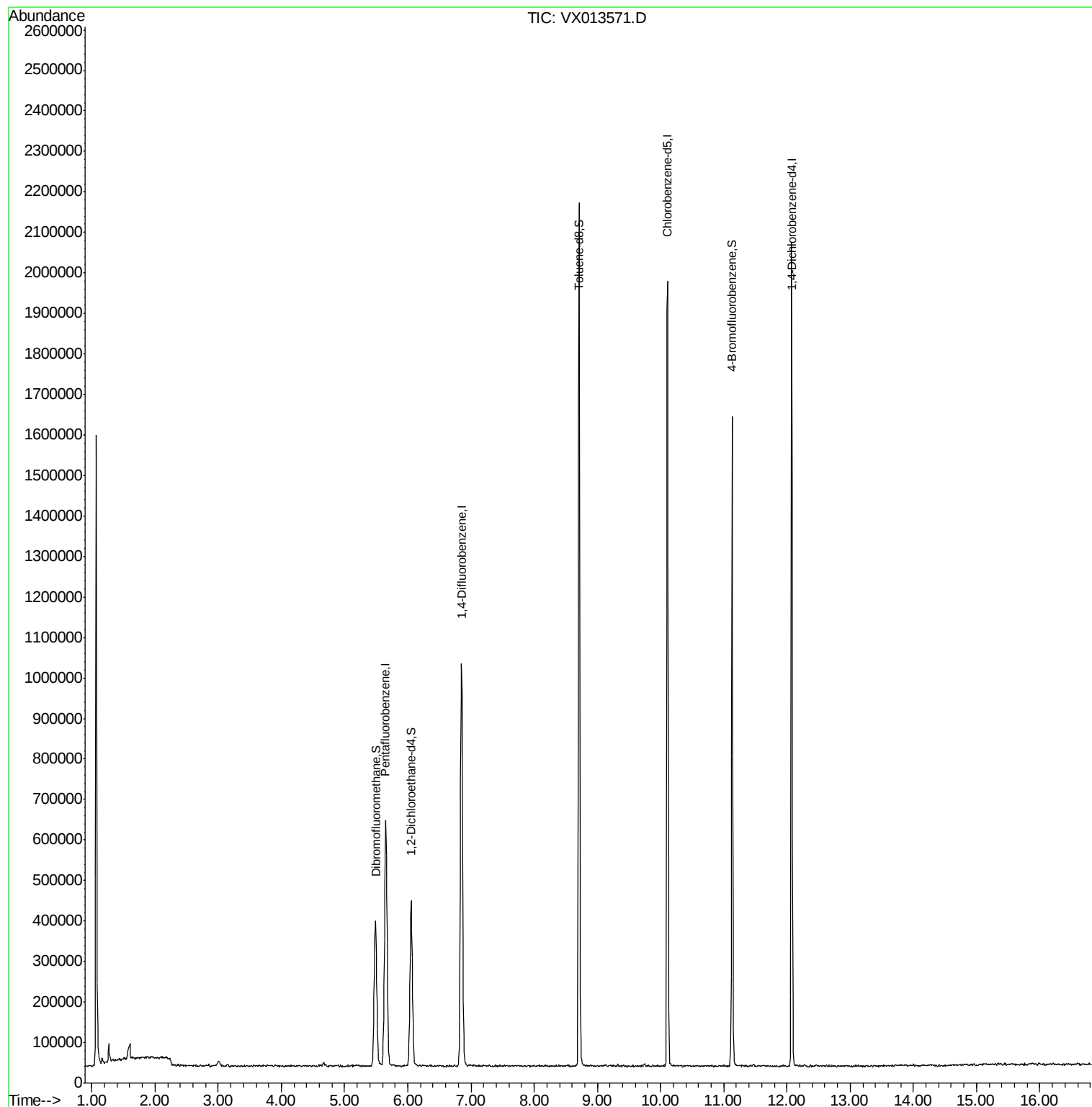
Target Compounds	Qvalue

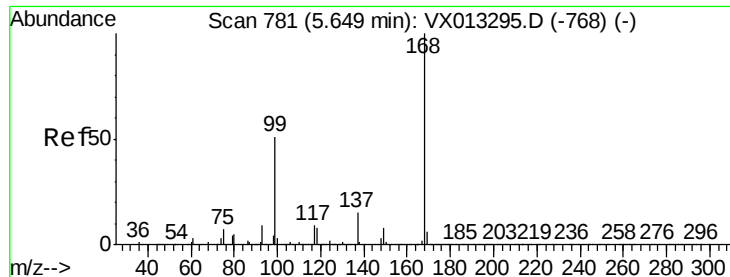
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 02 07:06:38 2019
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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: VX013571.D

Acq: 23 Nov 2019 06:43

Instrument :

MSVOA_X

ClientSampleId :

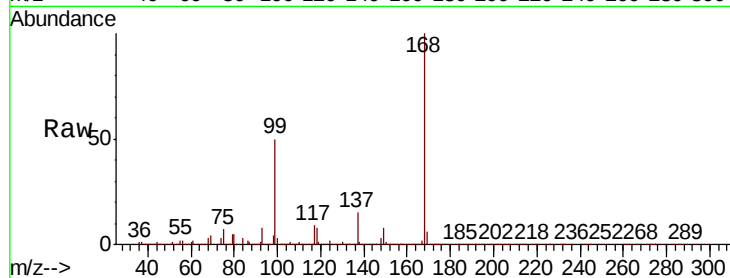
MH-140N-20191121

Tot Ion:168 Resp: 629239

Ion Ratio Lower Upper

168 100

99 49.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

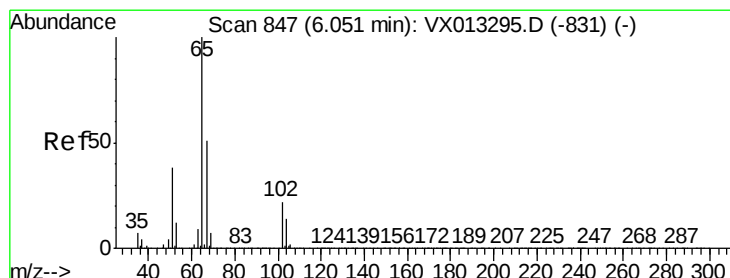
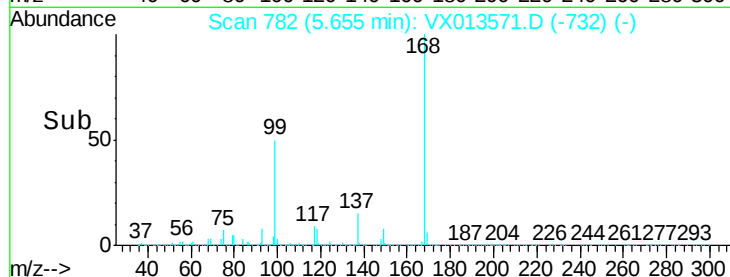
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.849 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013571.D

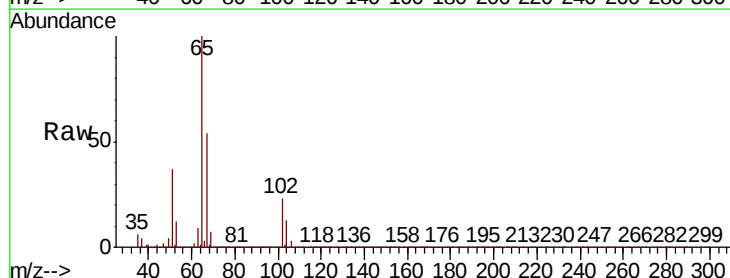
Acq: 23 Nov 2019 06:43

Tgt Ion: 65 Resp: 379058

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

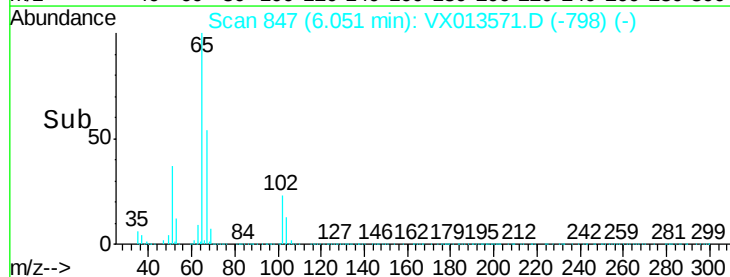
150000

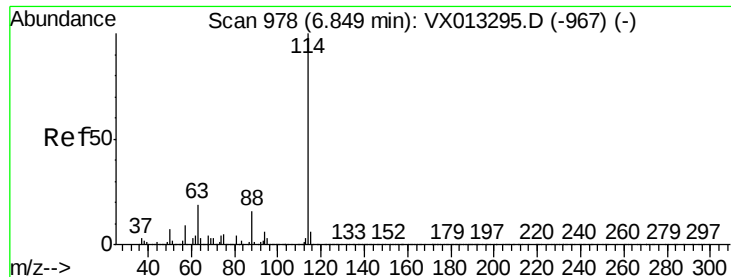
100000

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: VX013571.D

Acq: 23 Nov 2019 06:43

Instrument :

MSVOA_X

ClientSampleId :

MH-140N-20191121

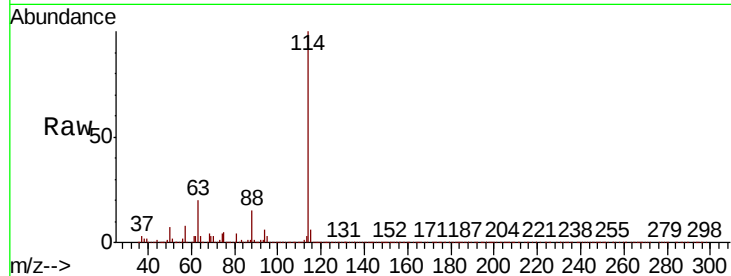
Tot Ion:114 Resp: 1033088

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

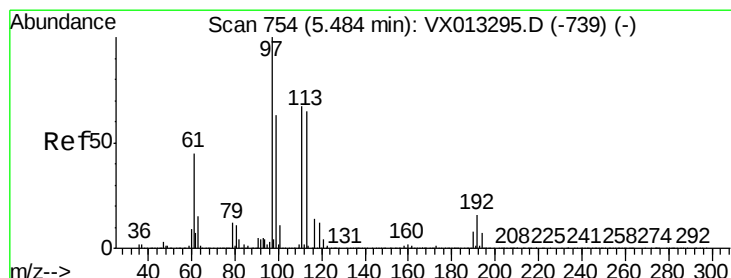
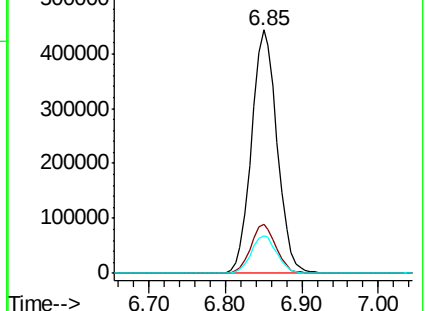
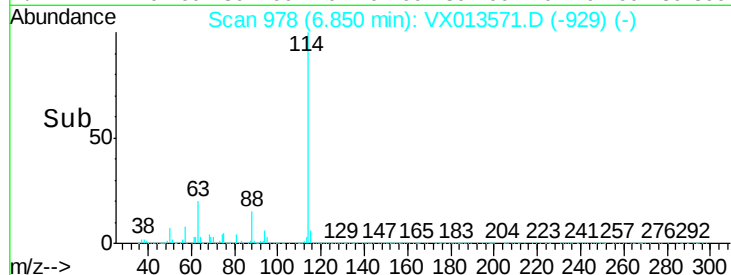
88 15.3 0.0 32.2



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: 48.127 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013571.D

Acq: 23 Nov 2019 06:43

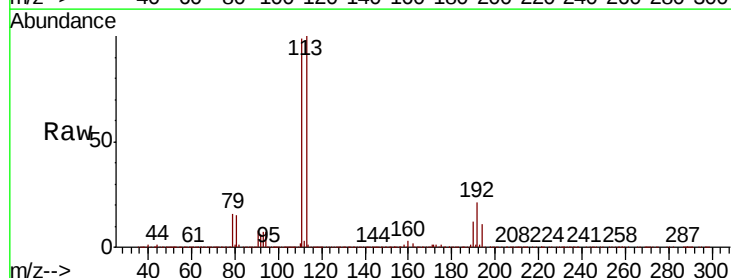
Tgt Ion:113 Resp: 311846

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

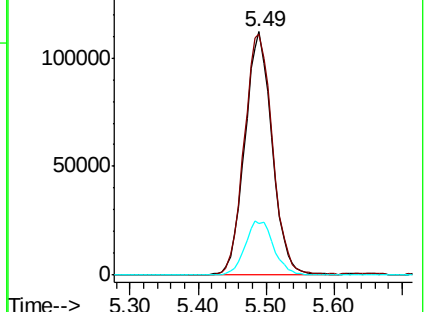
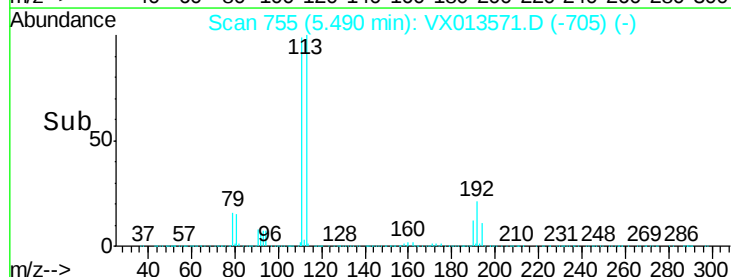
192 23.5 19.1 28.7

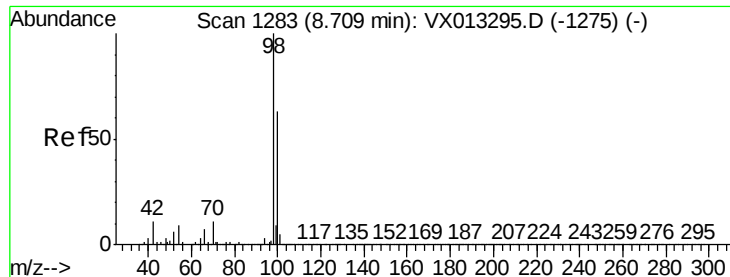


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.975 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013571.D

Acq: 23 Nov 2019 06:43

Instrument :

MSVOA_X

ClientSampleId :

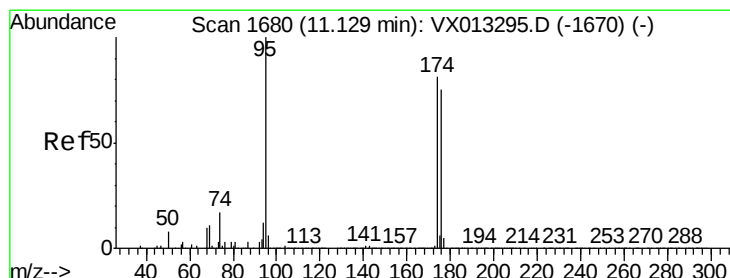
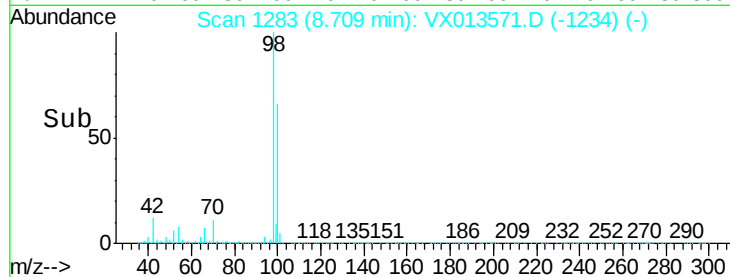
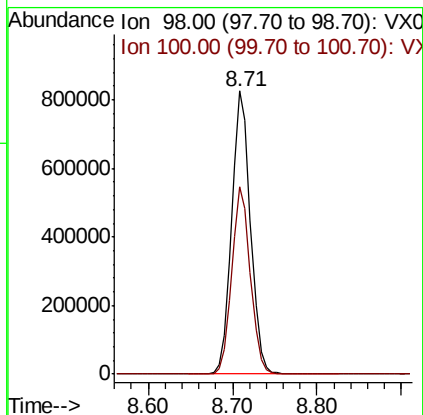
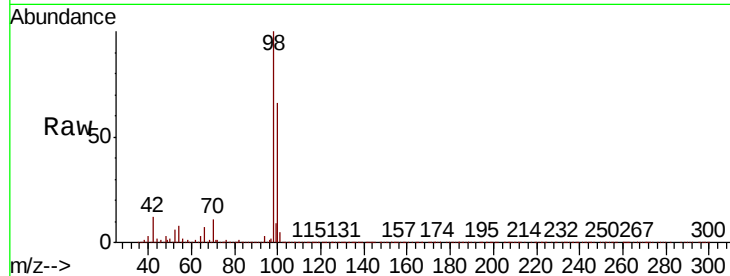
MH-140N-20191121

Tot Ion: 98 Resp: 1245193

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.310 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013571.D

Acq: 23 Nov 2019 06:43

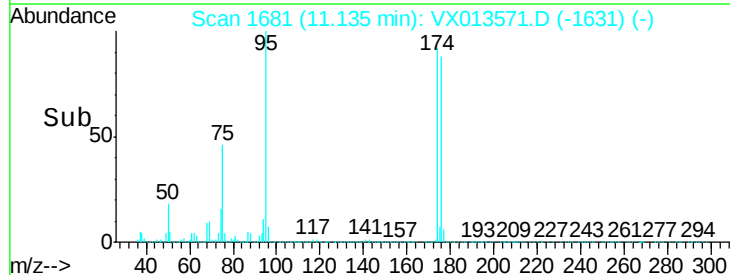
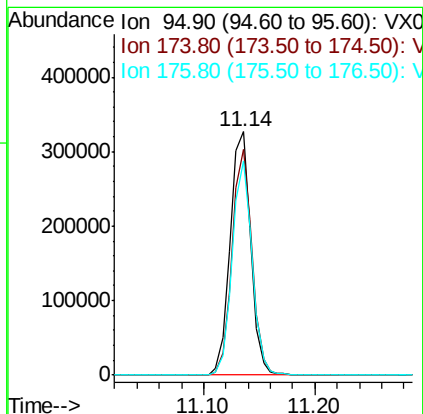
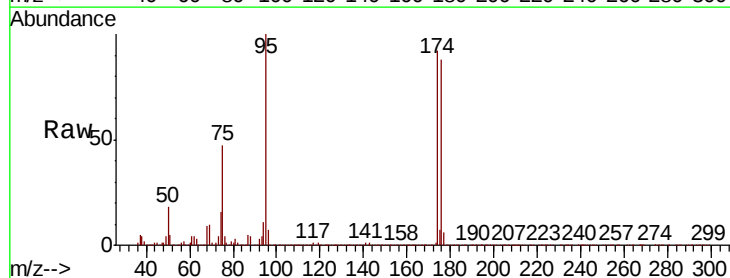
Tgt Ion: 95 Resp: 417086

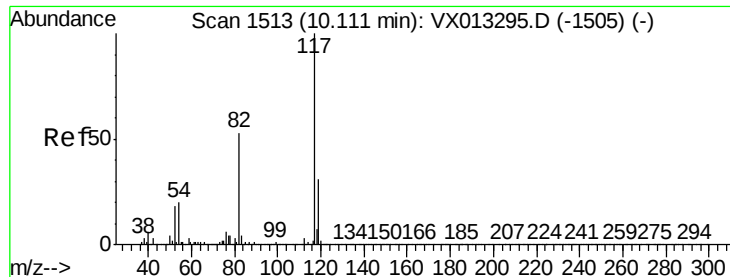
Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.8

176 85.5 0.0 173.0

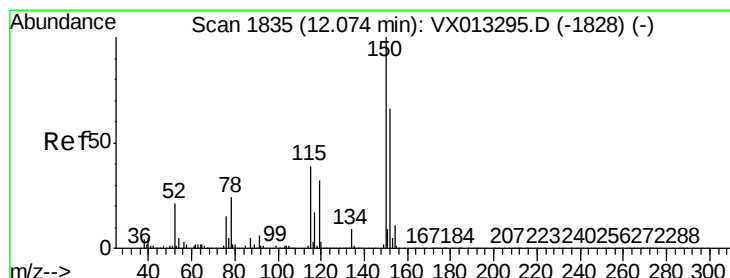
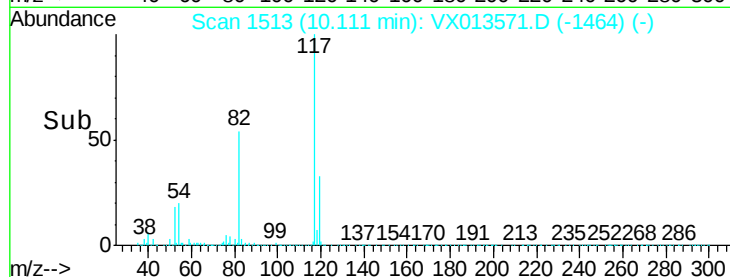
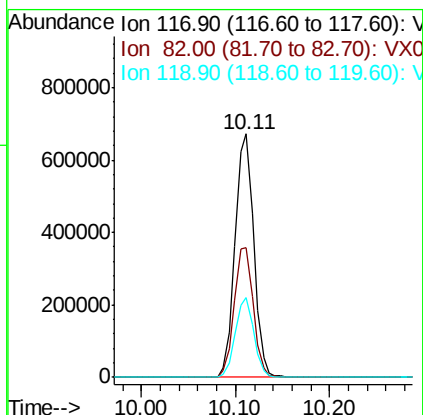
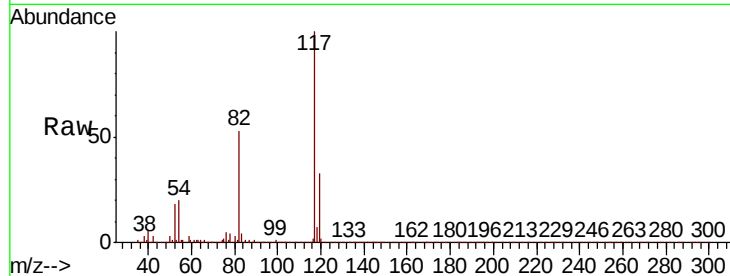




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013571.D
Acq: 23 Nov 2019 06:43

Instrument :
MSVOA_X
ClientSampleId :
MH-140N-20191121

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.6	64.0
119	32.7	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013571.D
Acq: 23 Nov 2019 06:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.5	118.3
150	154.9	0.0	344.4

