

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013569.D
 Acq On : 23 Nov 2019 05:56
 Operator : JC/SP
 Sample : K5968-09 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5T-20191121

Quant Time: Nov 25 07:06:06 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	633276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1043088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	938597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	428984	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	383723	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	5.48	113	313598	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.71	98	1242716	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.14	95	419644	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	

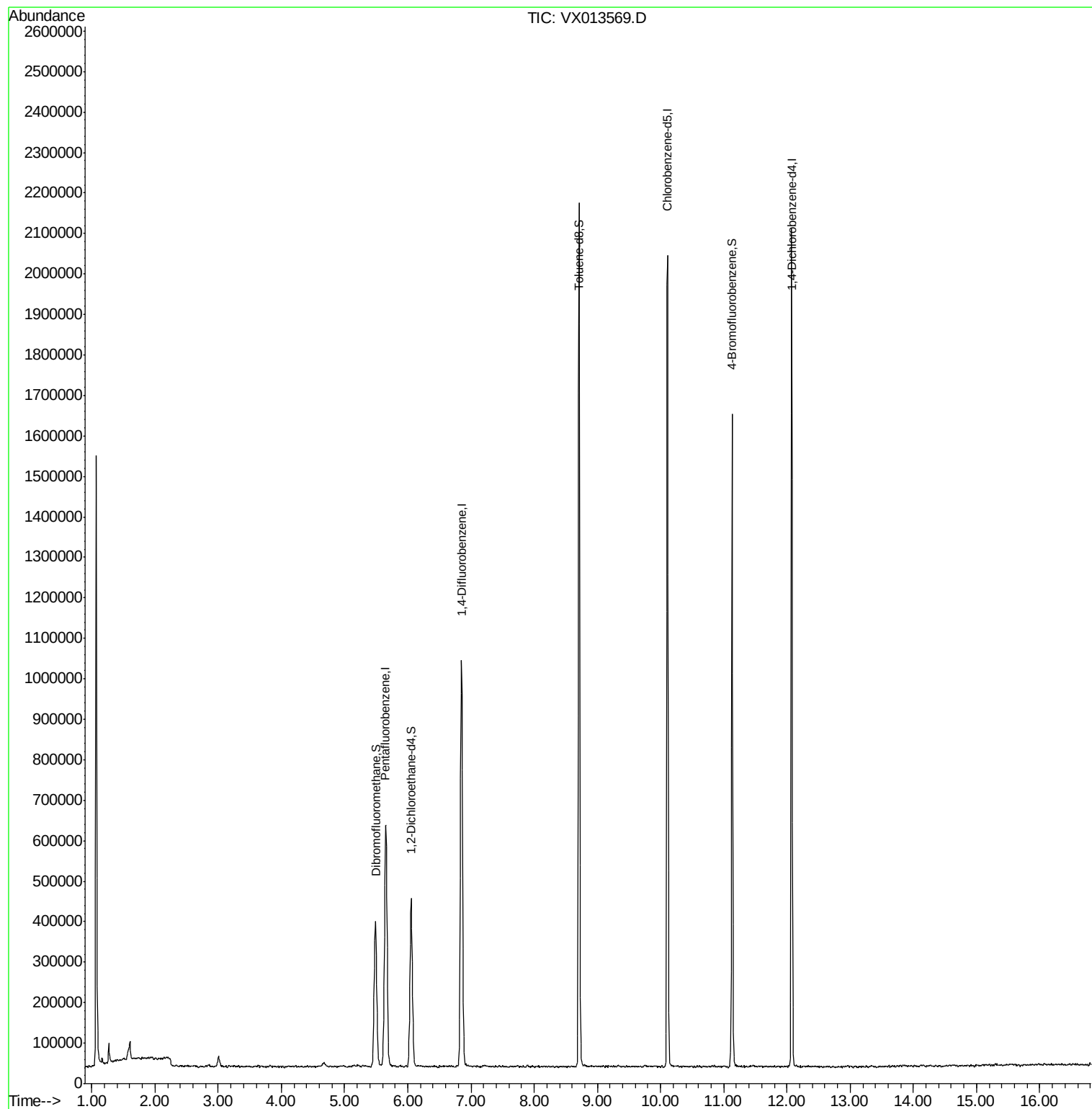
Target Compounds	Qvalue
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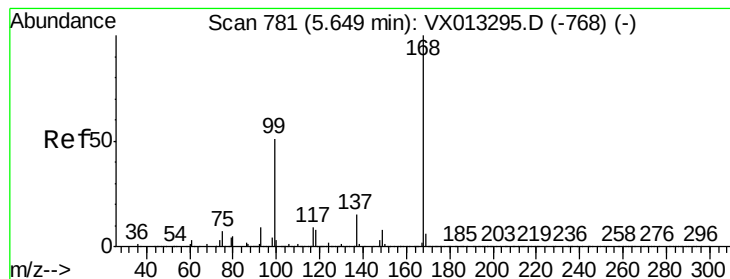
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013569.D

Acq: 23 Nov 2019 05:56

Instrument :

MSVOA_X

ClientSampleId :

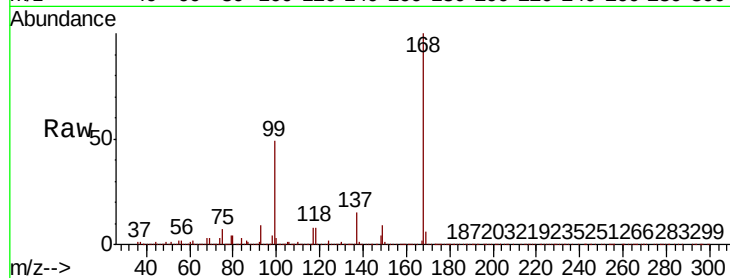
MH-121.5T-20191121

Tot Ion:168 Resp: 633276

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

5.65

250000

200000

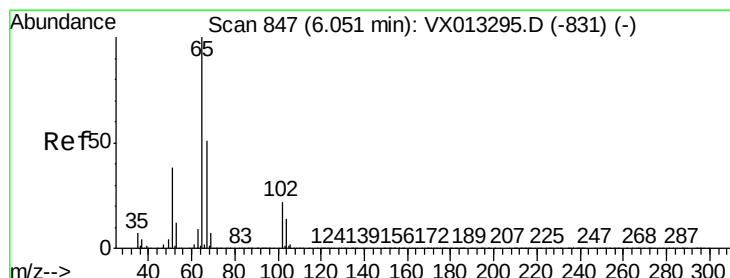
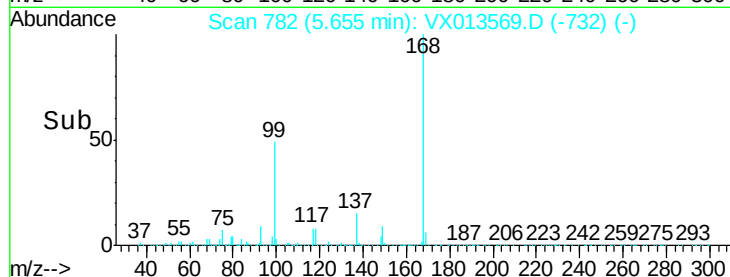
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.146 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013569.D

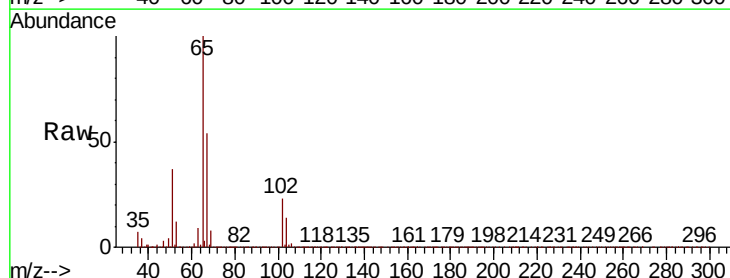
Acq: 23 Nov 2019 05:56

Tgt Ion: 65 Resp: 383723

Ion Ratio Lower Upper

65 100

67 52.7 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

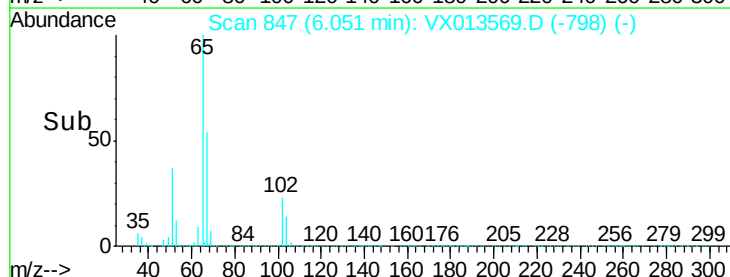
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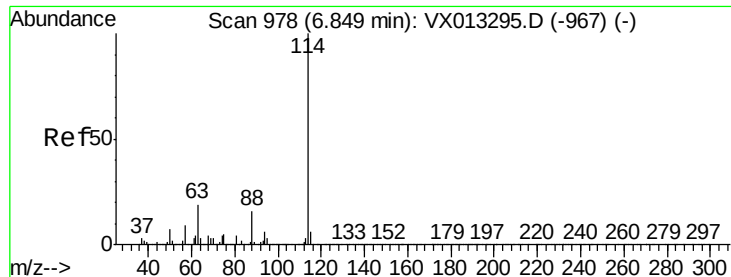
100000

50000

0

Time-->

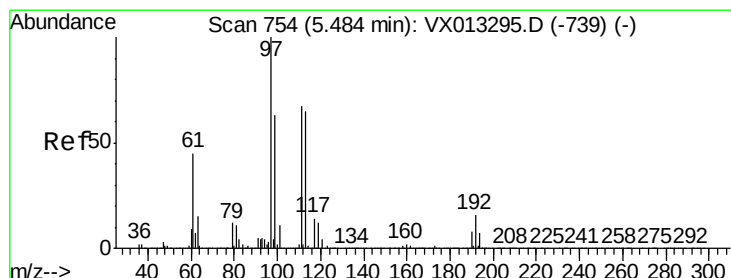
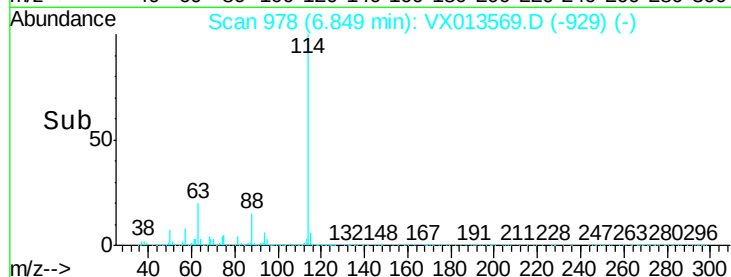
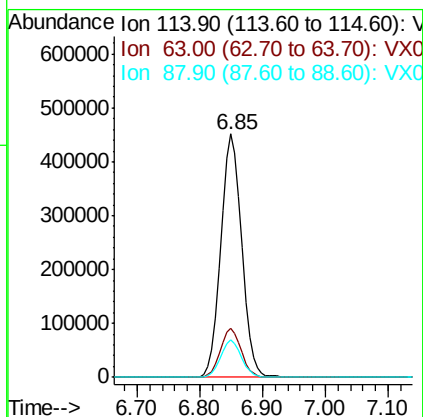
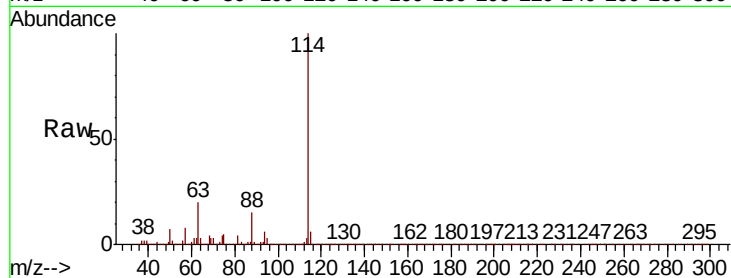




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013569.D
 Acq: 23 Nov 2019 05:56

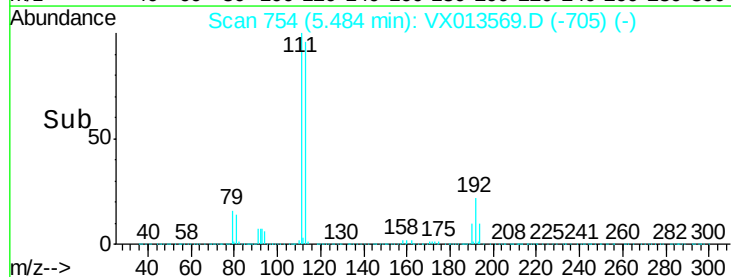
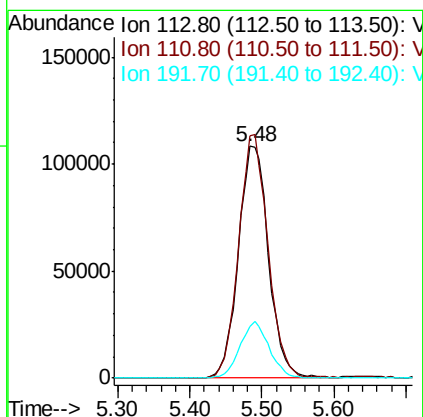
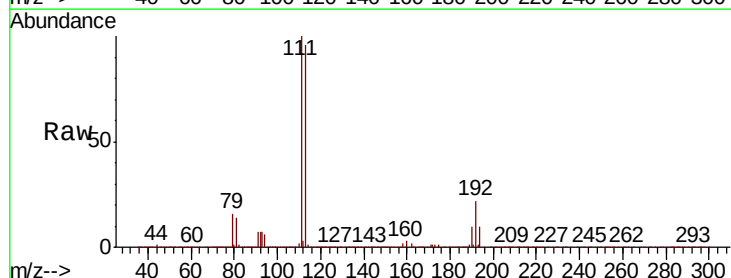
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-121.5T-20191121

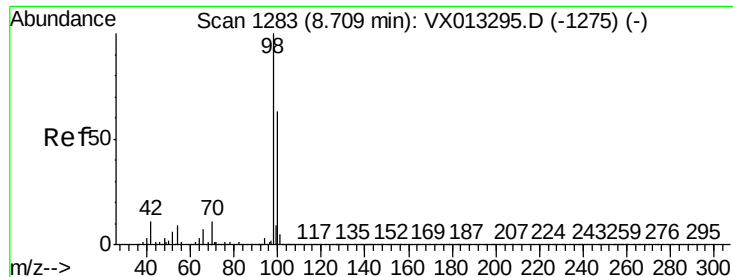
Tot Ion:114 Resp: 1043088
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.4
 88 15.3 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 47.933 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013569.D
 Acq: 23 Nov 2019 05:56

Tgt Ion:113 Resp: 313598
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 23.6 19.1 28.7





#50

Toluene-d8

Concen: 50.386 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013569.D

Acq: 23 Nov 2019 05:56

Instrument :

MSVOA_X

ClientSampleId :

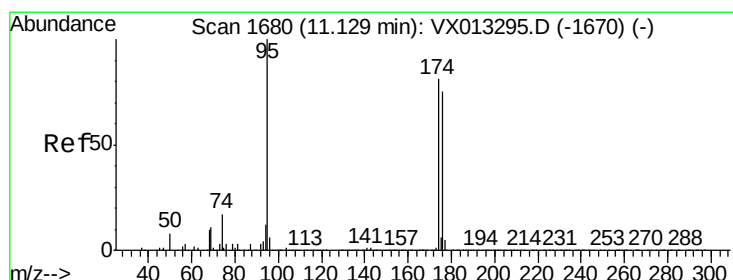
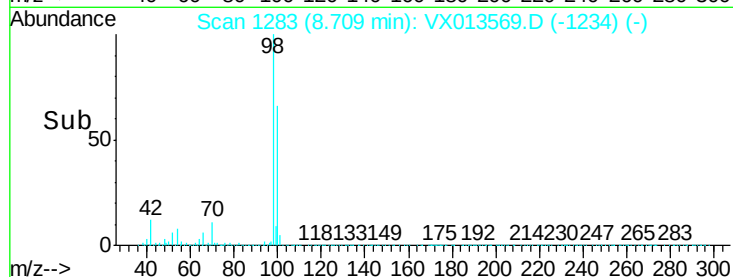
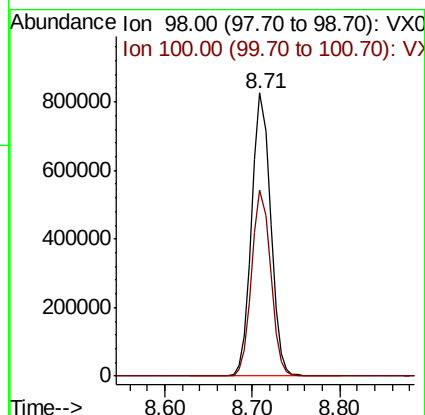
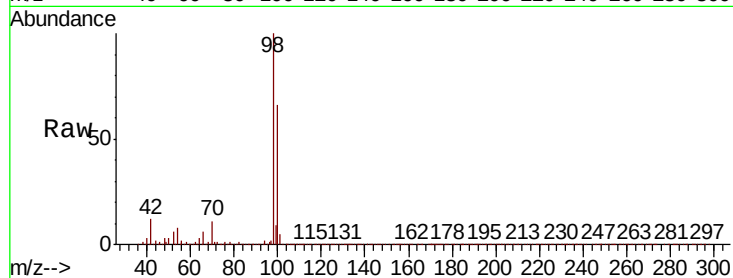
MH-121.5T-20191121

Tot Ion: 98 Resp: 1242716

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 47.144 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013569.D

Acq: 23 Nov 2019 05:56

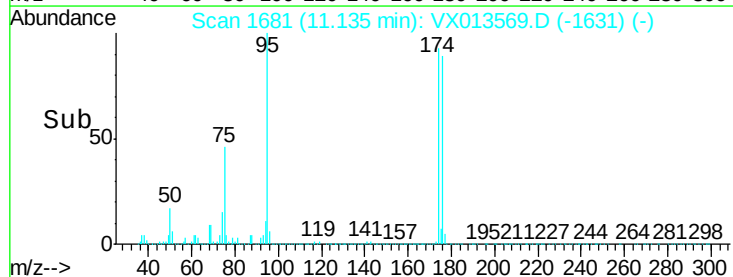
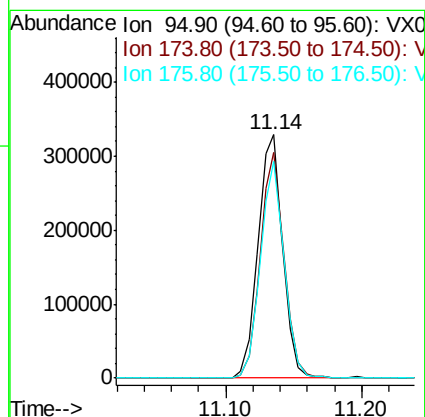
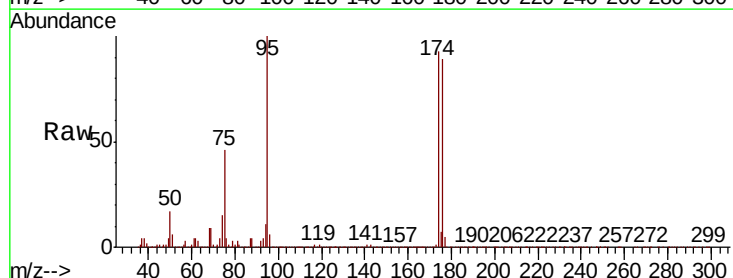
Tgt Ion: 95 Resp: 419644

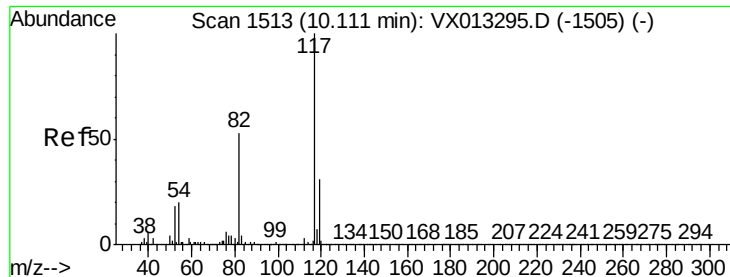
Ion Ratio Lower Upper

95 100

174 89.5 0.0 179.8

176 86.2 0.0 173.0

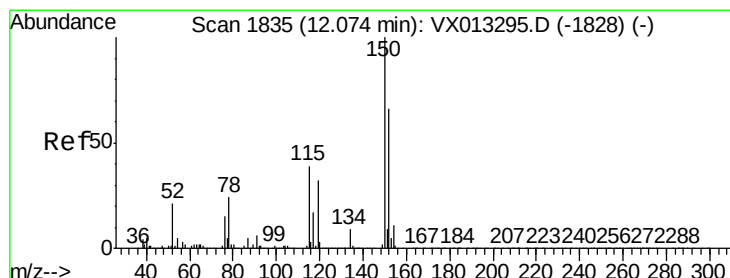
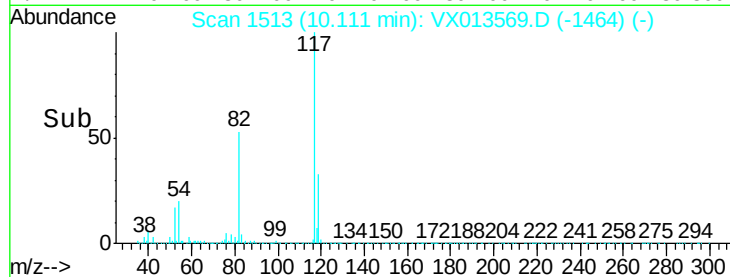
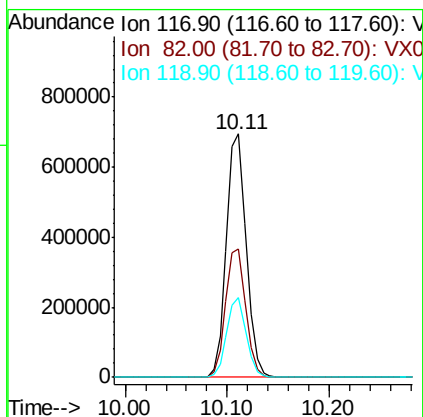
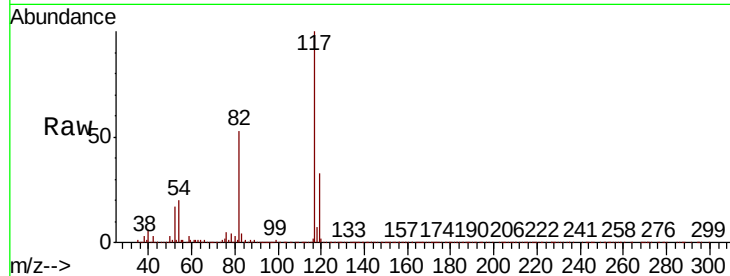




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013569.D
Acq: 23 Nov 2019 05:56

Instrument :
MSVOA_X
ClientSampleId :
MH-121.5T-20191121

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.8	42.6	64.0
119	32.8	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: VX013569.D
Acq: 23 Nov 2019 05:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	39.5	118.3
150	156.9	0.0	344.4

