

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112519\
 Data File : VX013587.D
 Acq On : 25 Nov 2019 17:33
 Operator : JC/SP
 Sample : K5968-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-118.5N-20191121

Quant Time: Nov 26 06:40:31 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	685324	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1108420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	989513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	462357	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	398401	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
35) Dibromofluoromethane	5.49	113	330209	47.50	ug/l	0.00
Spiked Amount			Recovery	=	95.00%	
50) Toluene-d8	8.71	98	1321101	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	455631	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	

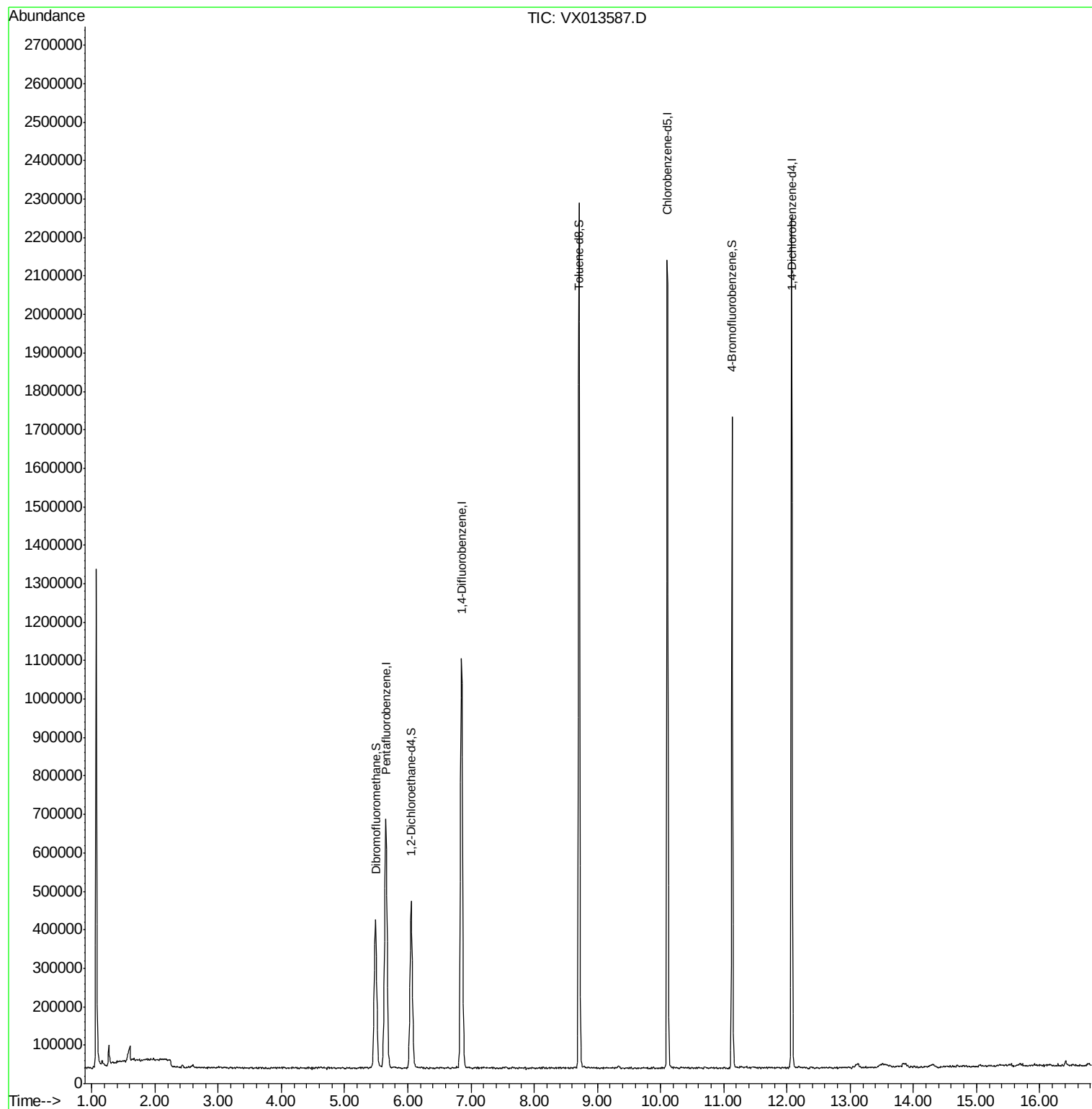
Target Compounds	Qvalue
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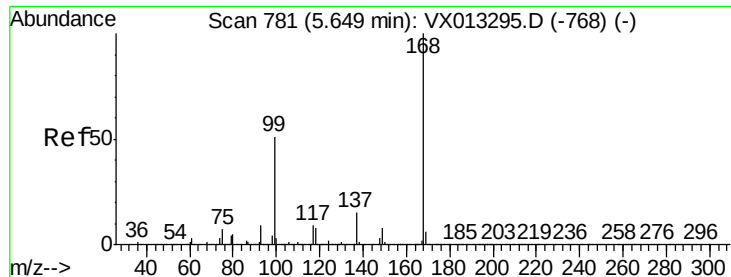
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013587.D

Acq: 25 Nov 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

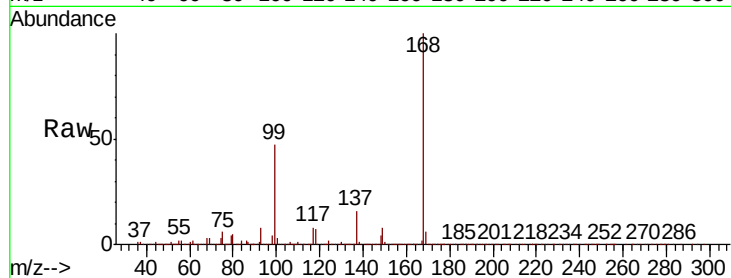
MH-118.5N-20191121

Tot Ion:168 Resp: 685324

Ion Ratio Lower Upper

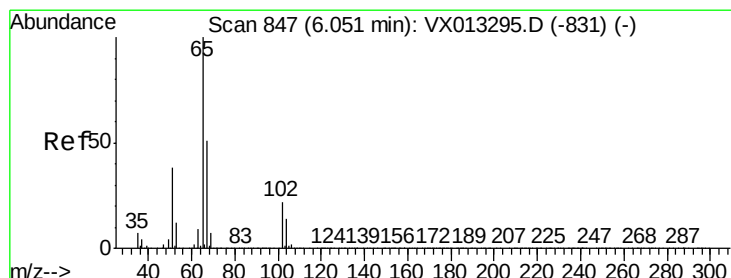
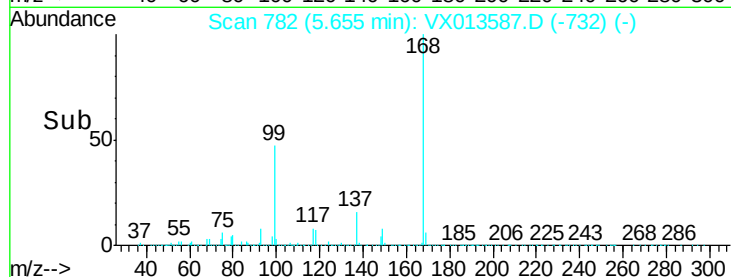
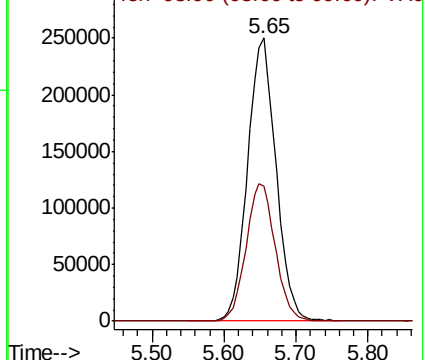
168 100

99 47.4 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: 49.070 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013587.D

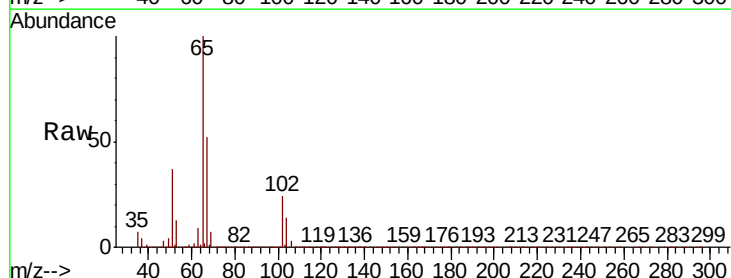
Acq: 25 Nov 2019 17:33

Tgt Ion: 65 Resp: 398401

Ion Ratio Lower Upper

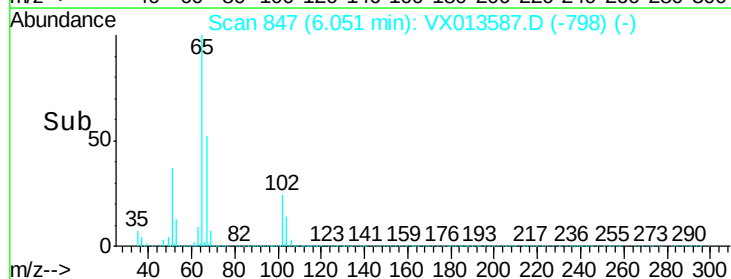
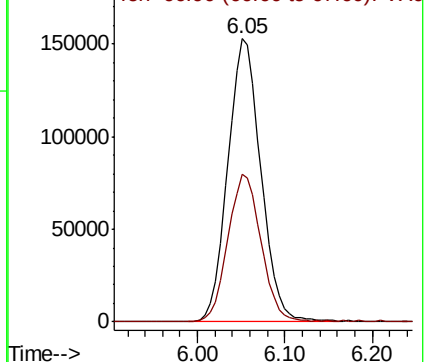
65 100

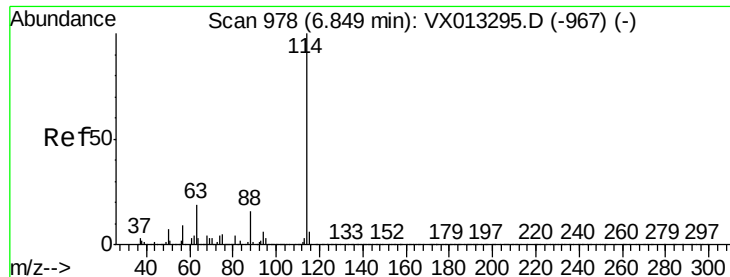
67 53.1 0.0 104.2



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: VX013587.D

Acq: 25 Nov 2019 17:33

Instrument :

MSVOA_X

ClientSampleId :

MH-118.5N-20191121

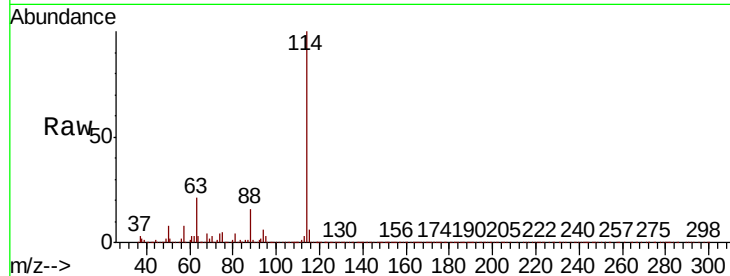
Tot Ion:114 Resp: 1108420

Ion Ratio Lower Upper

114 100

63 20.7 0.0 38.4

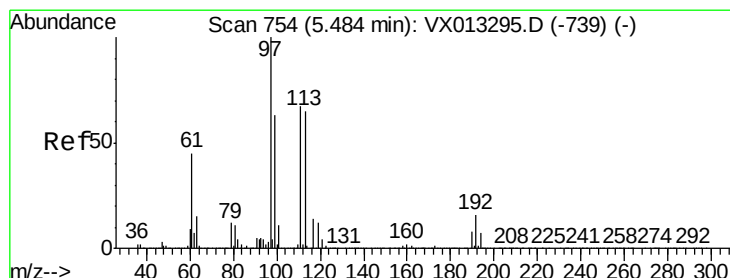
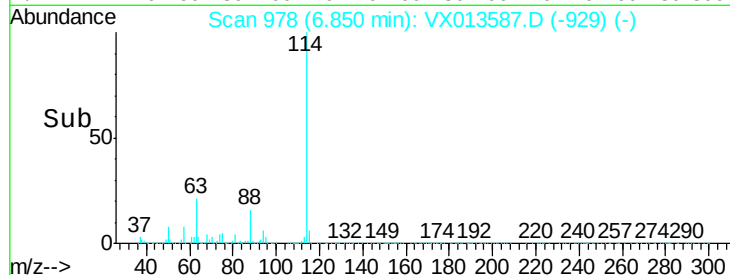
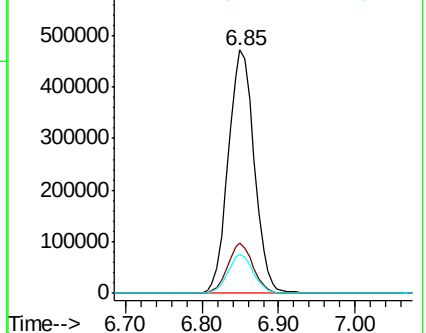
88 16.0 0.0 32.2



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: 47.497 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013587.D

Acq: 25 Nov 2019 17:33

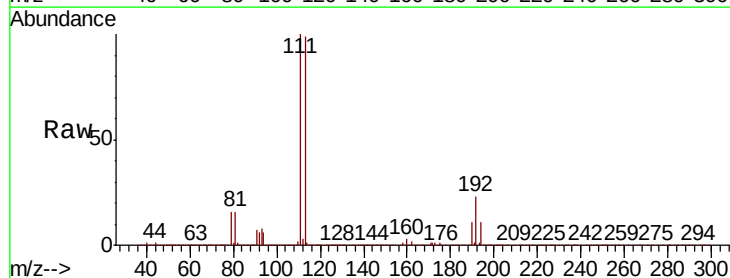
Tgt Ion:113 Resp: 330209

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

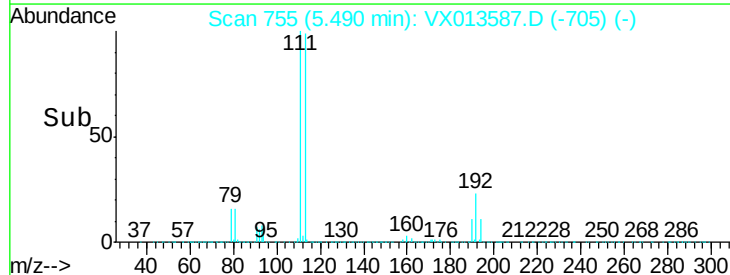
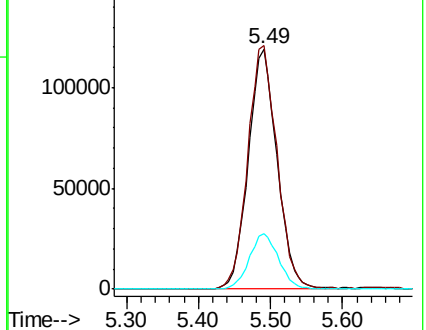
192 23.4 19.1 28.7

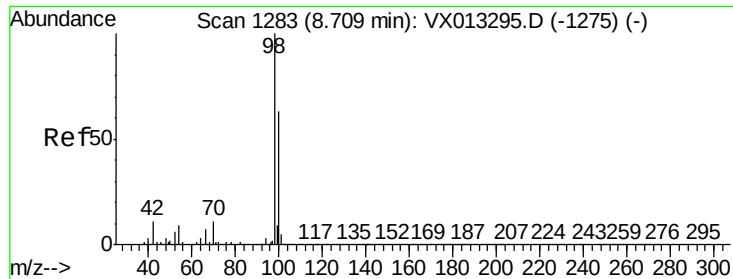


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

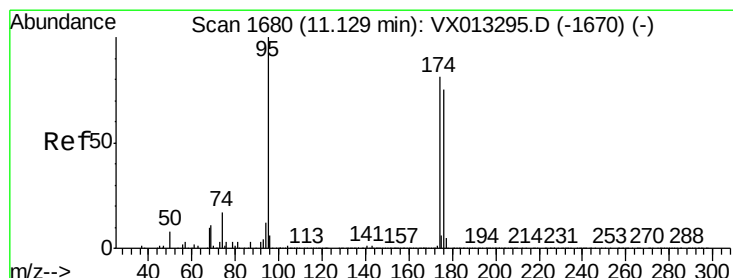
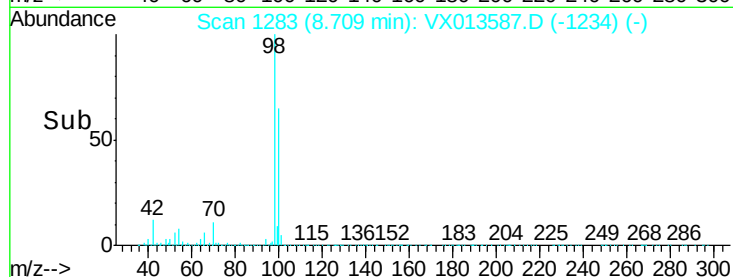
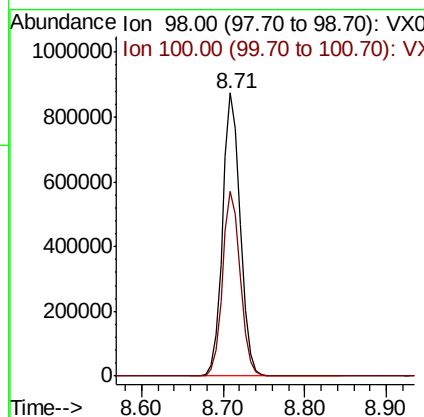
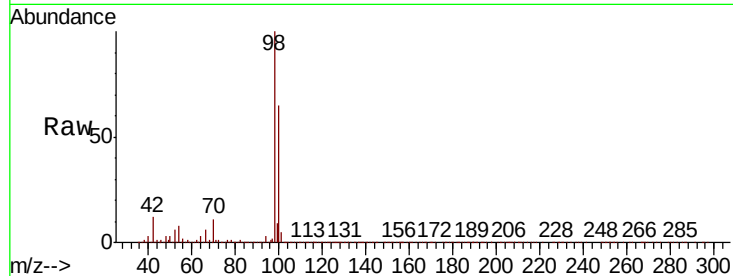




#50
Toluene-d8
Concen: 50.407 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013587.D
Acq: 25 Nov 2019 17:33

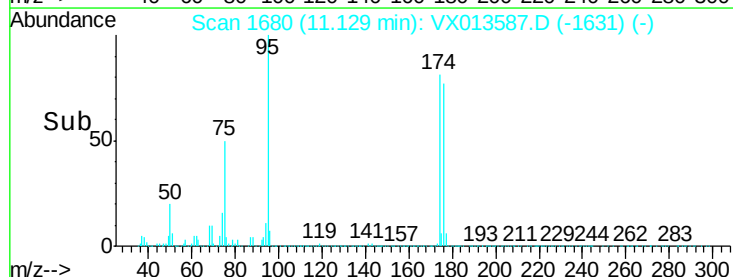
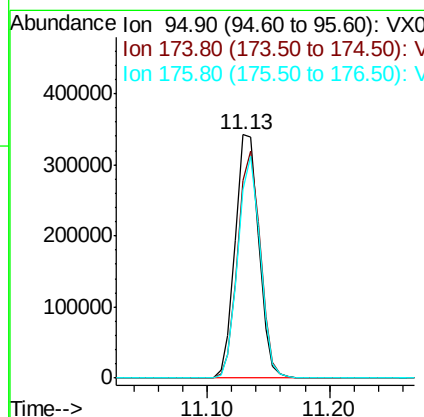
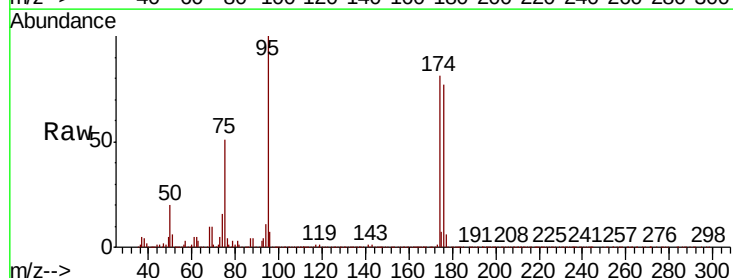
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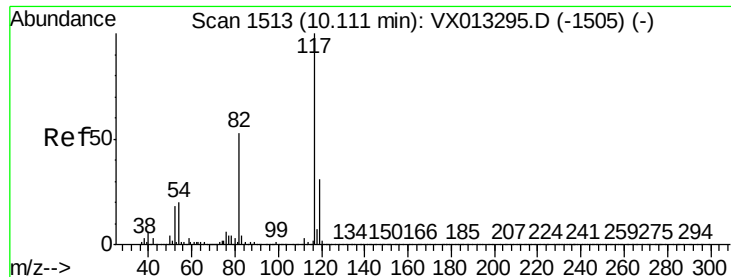
Tot Ion: 98 Resp: 1321101
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.169 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013587.D
Acq: 25 Nov 2019 17:33

Tgt Ion: 95 Resp: 455631
Ion Ratio Lower Upper
95 100
174 89.0 0.0 179.8
176 86.2 0.0 173.0

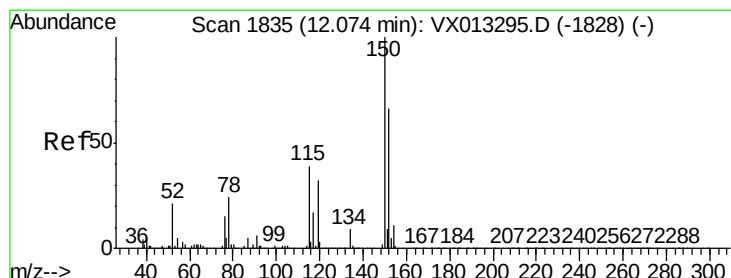
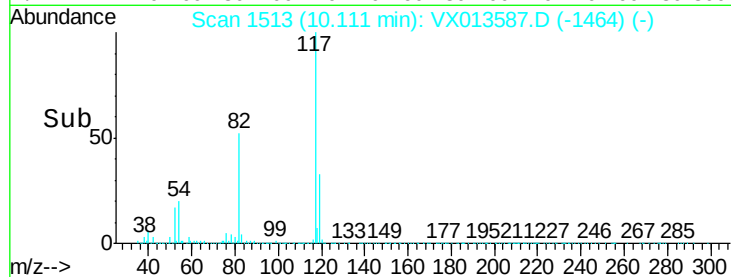
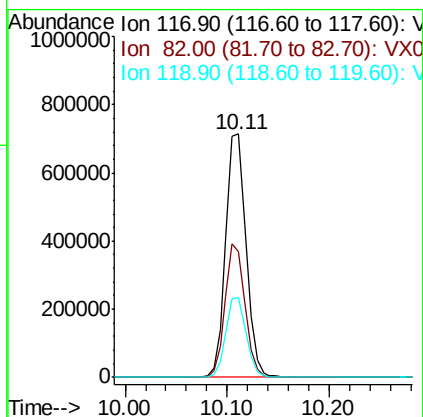
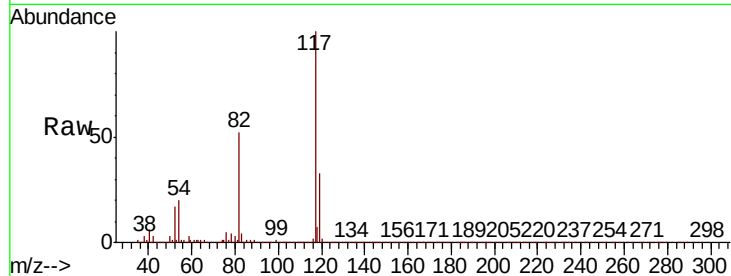




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013587.D
Acq: 25 Nov 2019 17:33

Instrument :
MSVOA_X
ClientSampleId :
MH-118.5N-20191121

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	42.6	64.0
119	32.5	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: VX013587.D
Acq: 25 Nov 2019 17:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.5	118.3
150	156.3	0.0	344.4

