

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075701.D
 Acq On : 10 Dec 2022 09:33
 Operator : JC\MD
 Sample : N5989-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

Quant Time: Dec 12 04:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

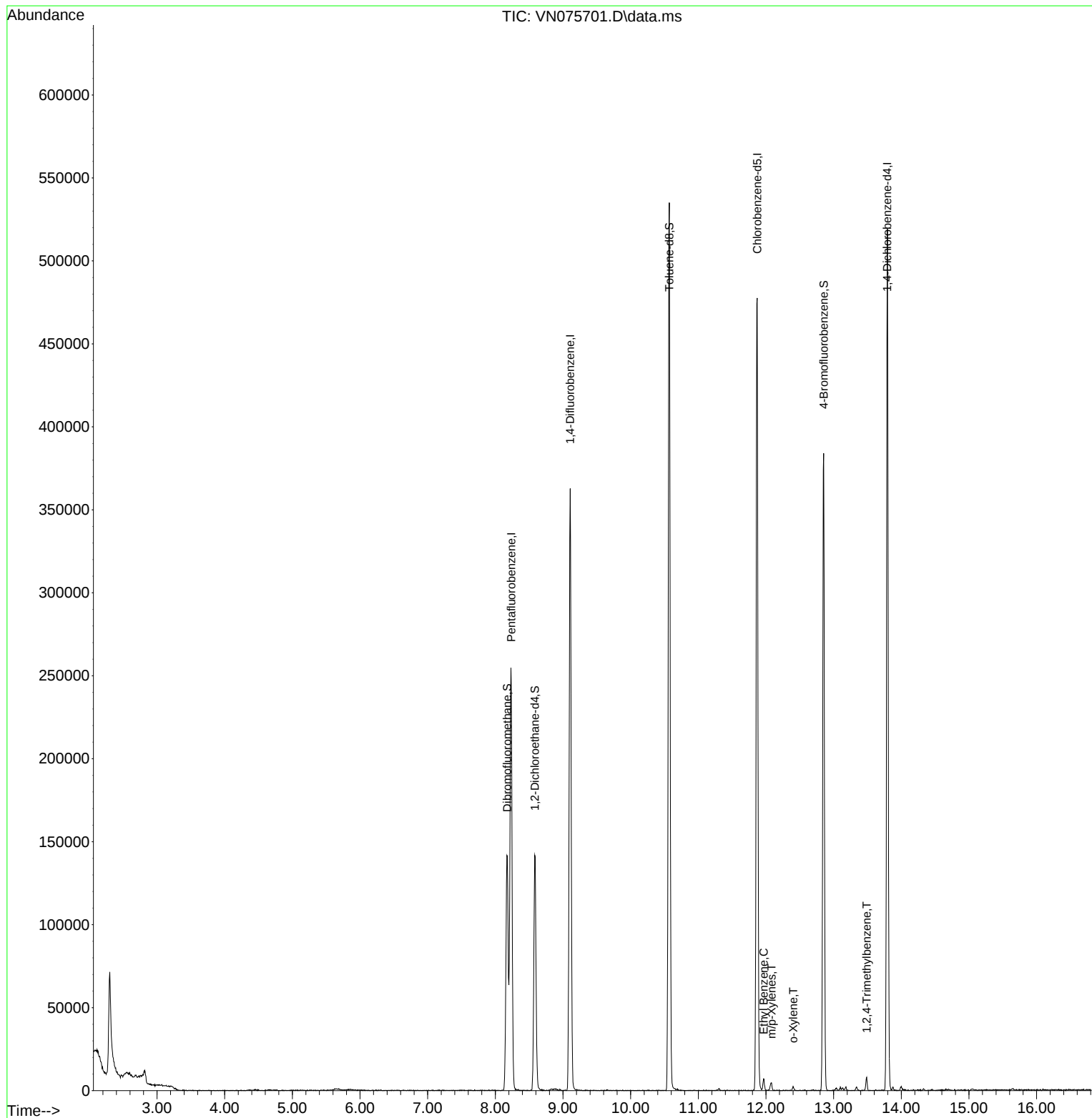
Internal Standards						
1) Pentafluorobenzene	8.235	168	197043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	336725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	303780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	115646	55.315	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	110.640%	
35) Dibromofluoromethane	8.177	113	103620	50.438	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.880%	
50) Toluene-d8	10.571	98	394589	51.144	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.280%	
62) 4-Bromofluorobenzene	12.853	95	131220	49.744	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.480%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	11.965	91	5979	0.565	ug/l	88
68) m/p-Xylenes	12.082	106	2071	0.485	ug/l	96
69) o-Xylene	12.406	106	913	0.220	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	5135	0.588	ug/l	97

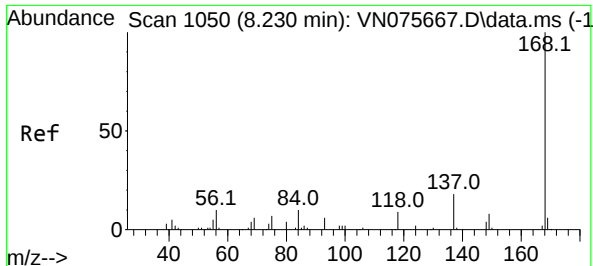
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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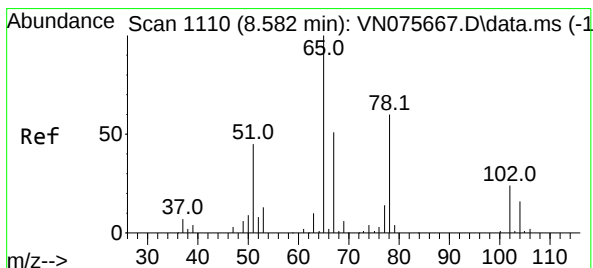
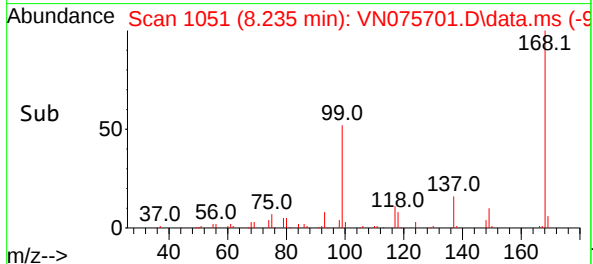
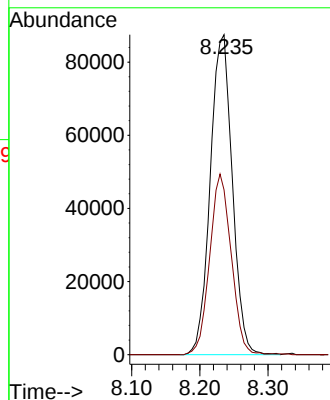
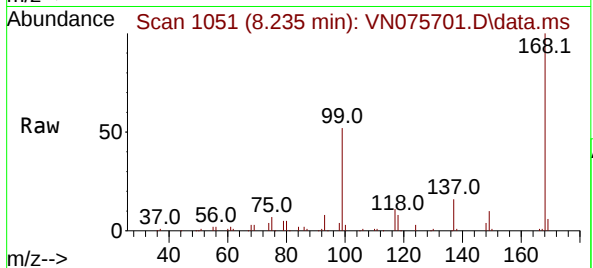




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1105
Delta R.T. 0.005 min
Lab File: VN075701.D
Acq: 10 Dec 2022 09:33

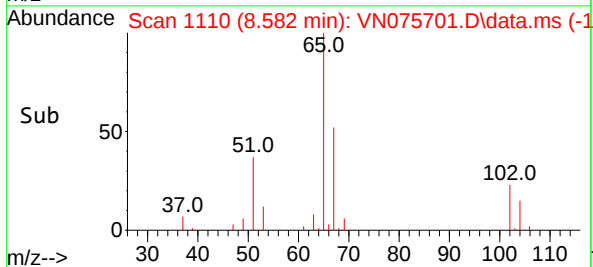
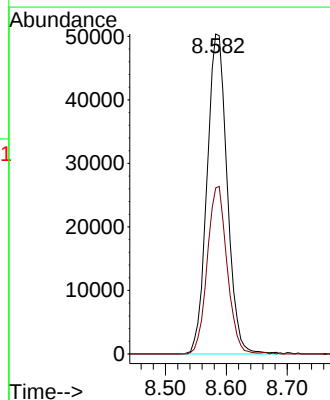
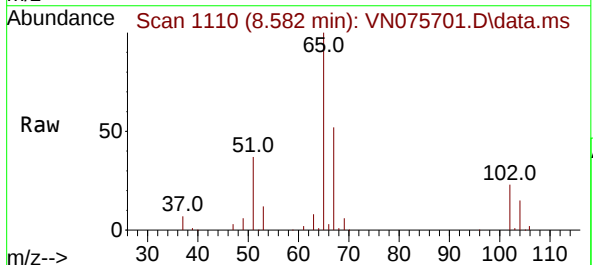
Instrument :
MSVOA_N
ClientSampleId :
MW-34

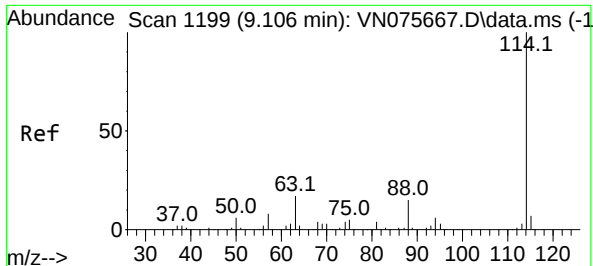
Tgt Ion:168 Resp: 197043
Ion Ratio Lower Upper
168 100
99 51.5 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 55.315 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075701.D
Acq: 10 Dec 2022 09:33

Tgt Ion: 65 Resp: 115646
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075701.D

Acq: 10 Dec 2022 09:33

Instrument :

MSVOA_N

ClientSampleId :

MW-34

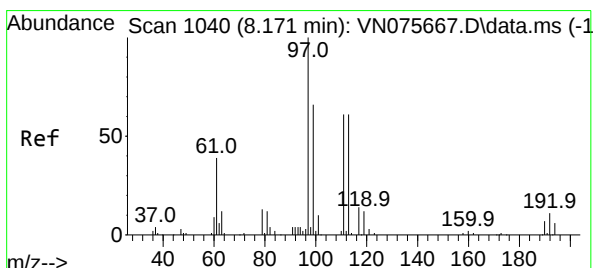
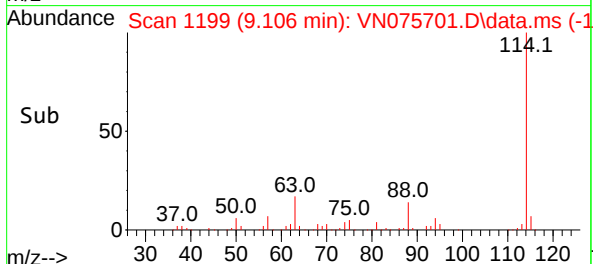
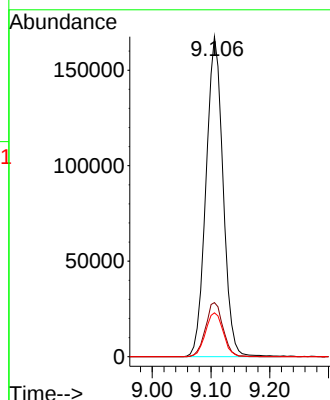
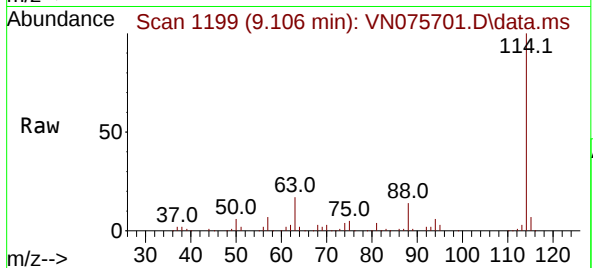
Tgt Ion:114 Resp: 336725

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.4

88 13.7 0.0 29.2



#35

Dibromofluoromethane

Concen: 50.438 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075701.D

Acq: 10 Dec 2022 09:33

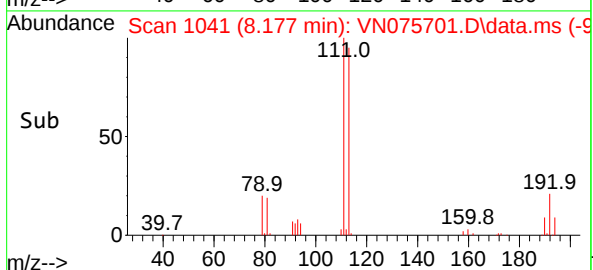
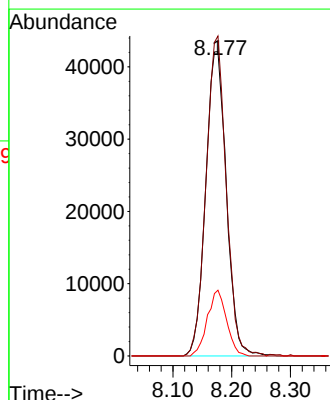
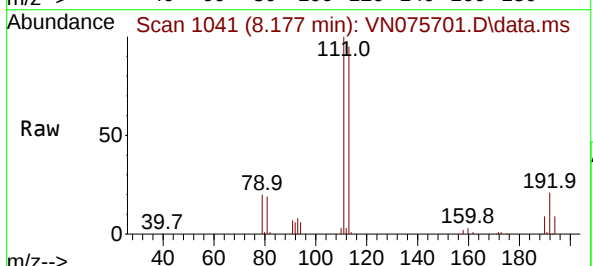
Tgt Ion:113 Resp: 103620

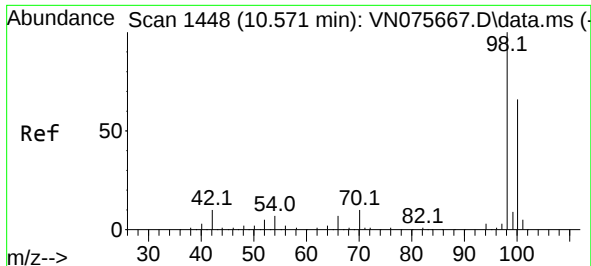
Ion Ratio Lower Upper

113 100

111 101.5 81.0 121.6

192 19.9 16.2 24.2

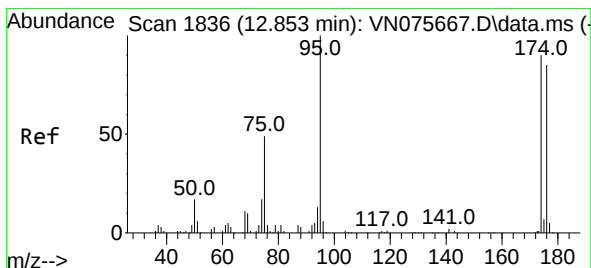
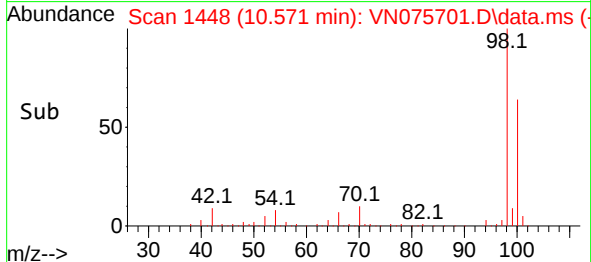
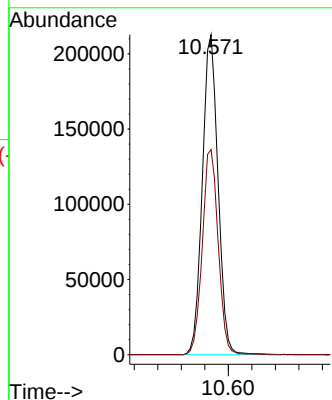
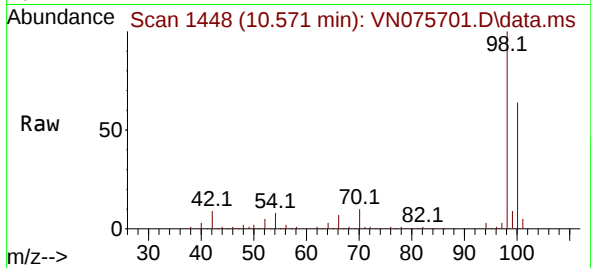




#50
Toluene-d8
Concen: 51.144 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075701.D
Acq: 10 Dec 2022 09:33

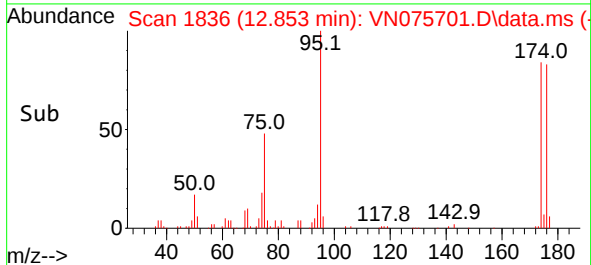
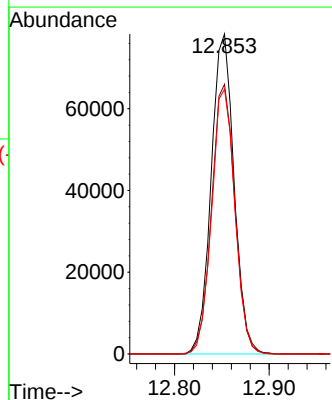
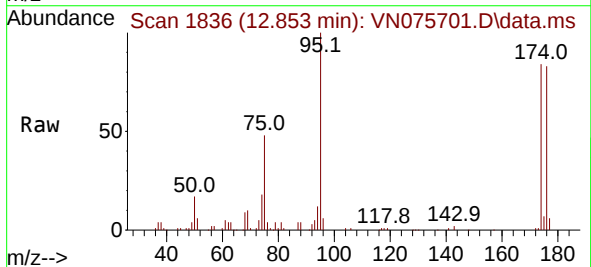
Instrument :
MSVOA_N
ClientSampleId :
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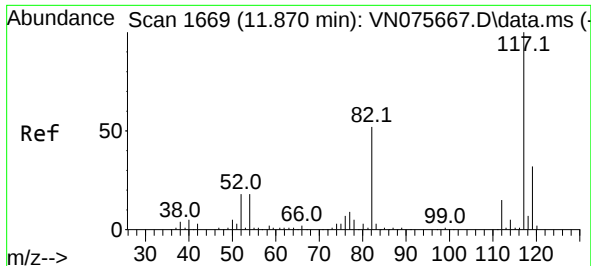
Tgt Ion: 98 Resp: 394589
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.744 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075701.D
Acq: 10 Dec 2022 09:33

Tgt Ion: 95 Resp: 131220
Ion Ratio Lower Upper
95 100
174 86.2 0.0 178.6
176 83.7 0.0 170.8

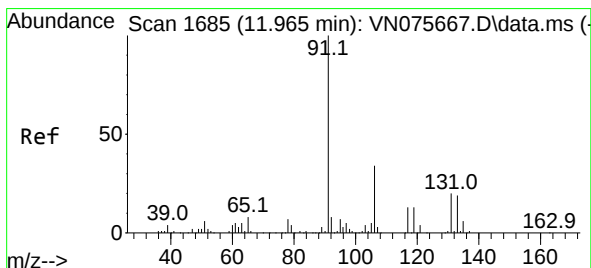
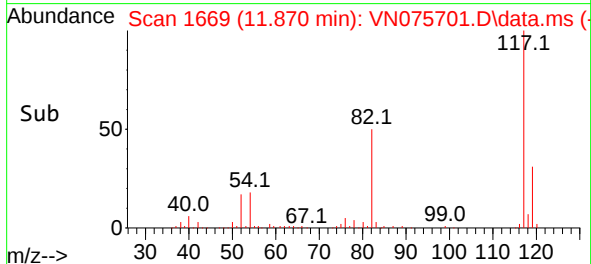
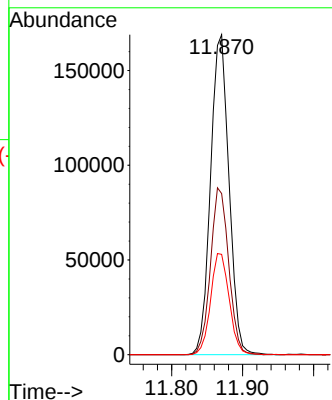
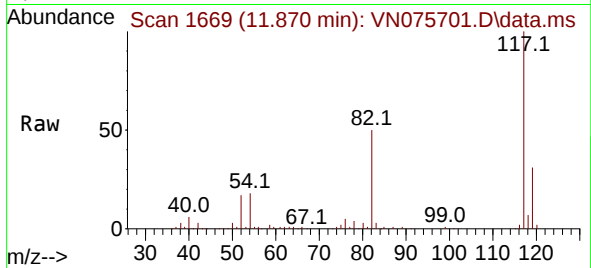




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN075701.D
Acq: 10 Dec 2022 09:33

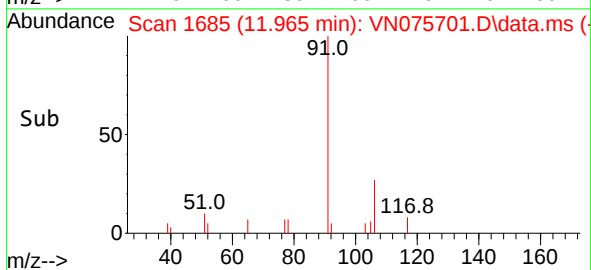
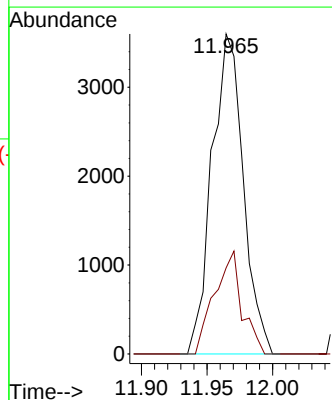
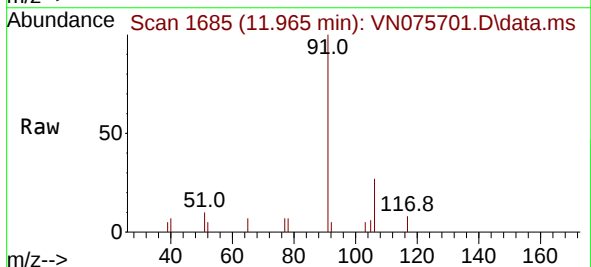
Instrument :
MSVOA_N
ClientSampleId :
MW-34

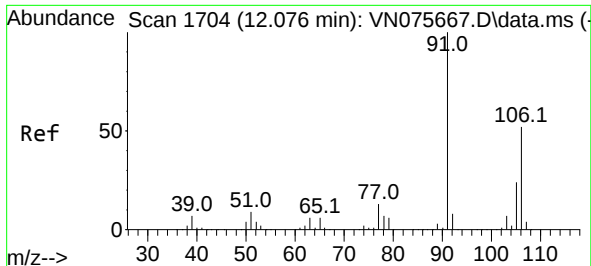
Tgt Ion:117 Resp: 303780
Ion Ratio Lower Upper
117 100
82 50.4 41.8 62.8
119 31.4 25.8 38.6



#67
Ethyl Benzene
Concen: 0.565 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075701.D
Acq: 10 Dec 2022 09:33

Tgt Ion: 91 Resp: 5979
Ion Ratio Lower Upper
91 100
106 26.9 26.9 40.3

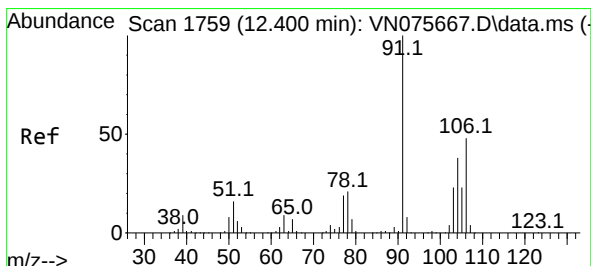
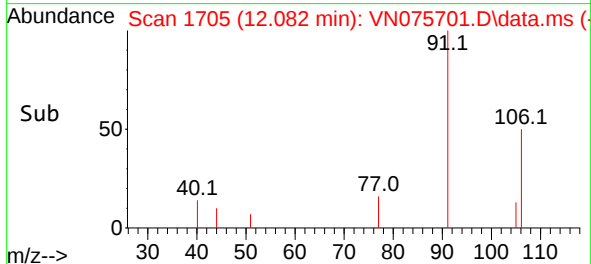
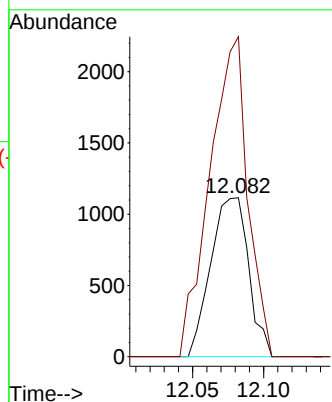
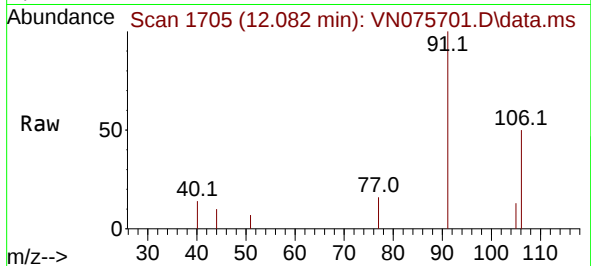




#68
m/p-Xylenes
Concen: 0.485 ug/l
RT: 12.082 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VN075701.D
Acq: 10 Dec 2022 09:33

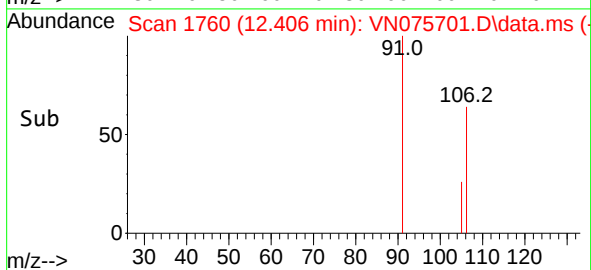
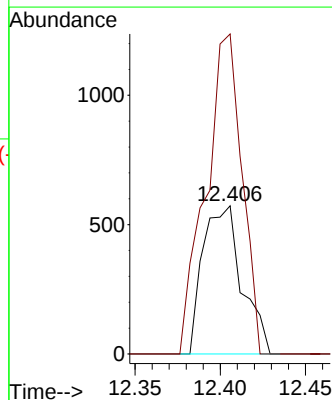
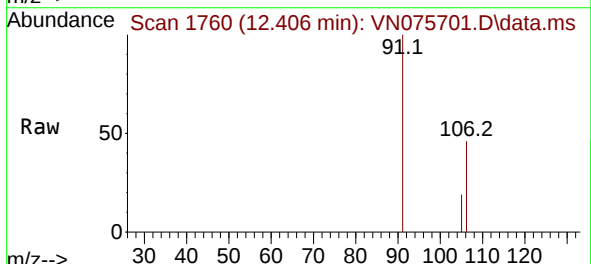
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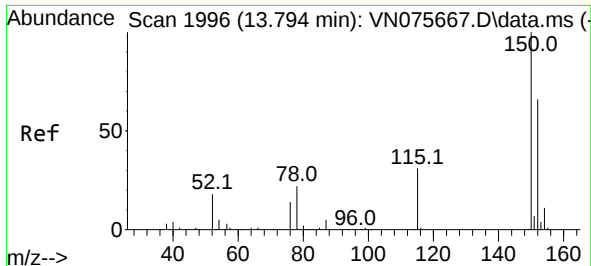
Tgt Ion:106 Resp: 2071
Ion Ratio Lower Upper
106 100
91 201.8 156.2 234.4



#69
o-Xylene
Concen: 0.220 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN075701.D
Acq: 10 Dec 2022 09:33

Tgt Ion:106 Resp: 913
Ion Ratio Lower Upper
106 100
91 200.3 102.8 308.5

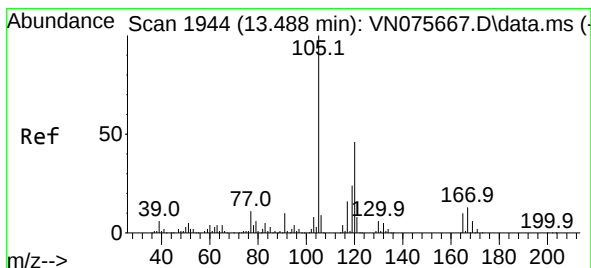
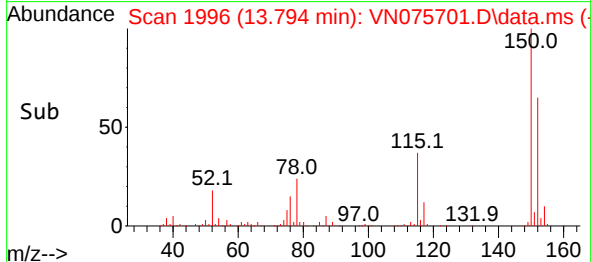
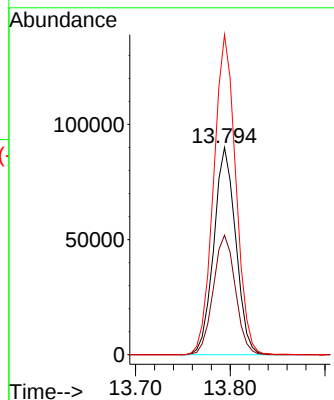
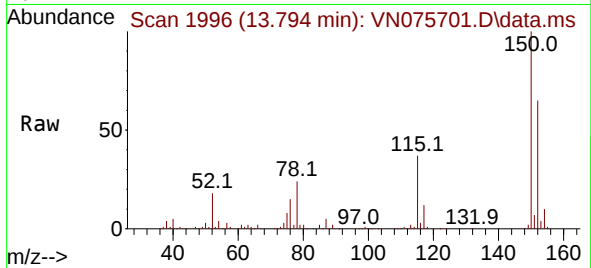




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075701.D
 Acq: 10 Dec 2022 09:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

Tgt Ion:152 Resp: 144862
 Ion Ratio Lower Upper
 152 100
 115 58.0 28.4 85.2
 150 156.2 0.0 347.6



#84
 1,2,4-Trimethylbenzene
 Concen: 0.588 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VN075701.D
 Acq: 10 Dec 2022 09:33

Tgt Ion:105 Resp: 5135
 Ion Ratio Lower Upper
 105 100
 120 43.9 23.1 69.2

