

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082724\
 Data File : VN083499.D
 Acq On : 27 Aug 2024 10:28
 Operator : JC\MD
 Sample : P3716-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1054-TB082024

Quant Time: Aug 28 05:01:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

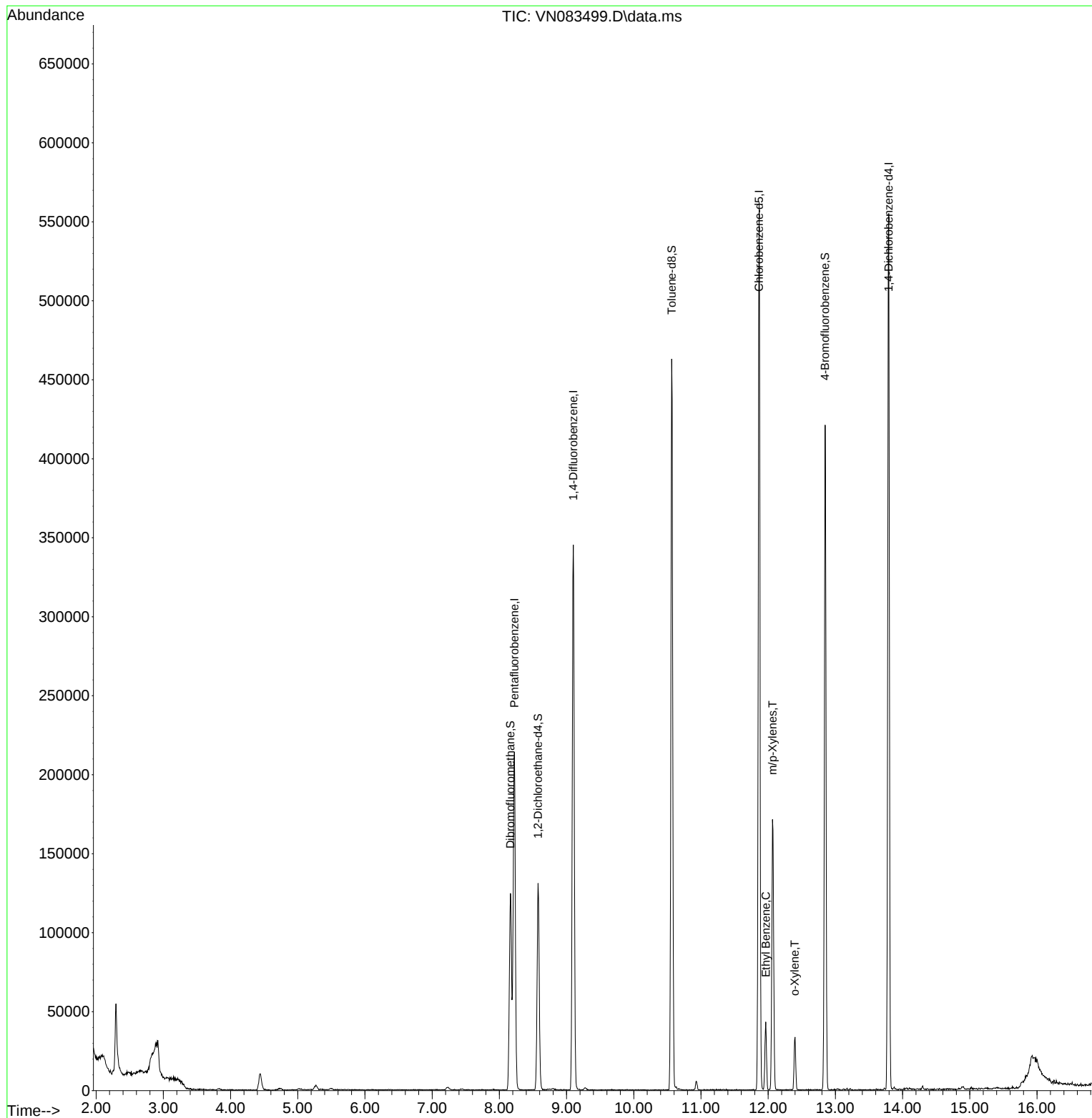
Internal Standards						
1) Pentafluorobenzene	8.224	168	147634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	291610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111311	52.970	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.940%	
35) Dibromofluoromethane	8.165	113	88480	48.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.220%	
50) Toluene-d8	10.565	98	313498	46.173	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.340%	
62) 4-Bromofluorobenzene	12.847	95	143356	54.158	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.320%	
Target Compounds						
						Qvalue
67) Ethyl Benzene	11.965	91	31207	2.485	ug/l	96
68) m/p-Xylenes	12.065	106	53090	11.287	ug/l	94
69) o-Xylene	12.394	106	9040	1.949	ug/l	97

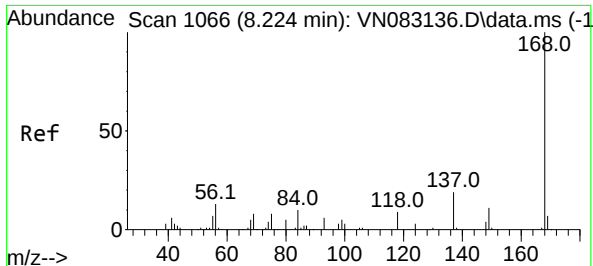
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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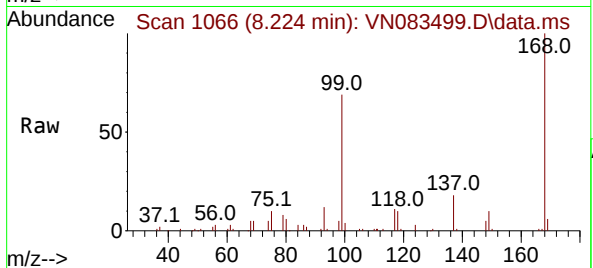
Quant Time: Aug 28 05:01:01 2024
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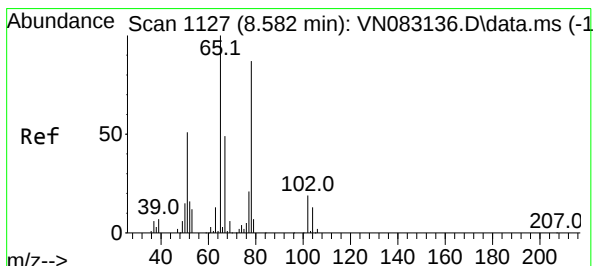
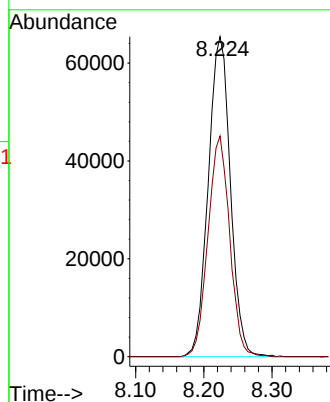
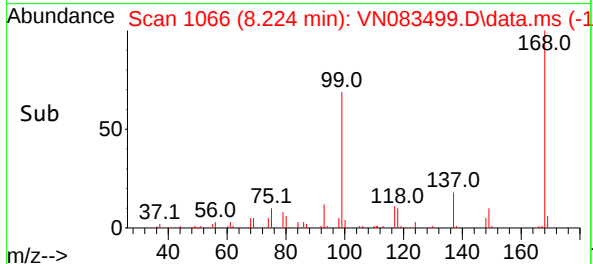


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

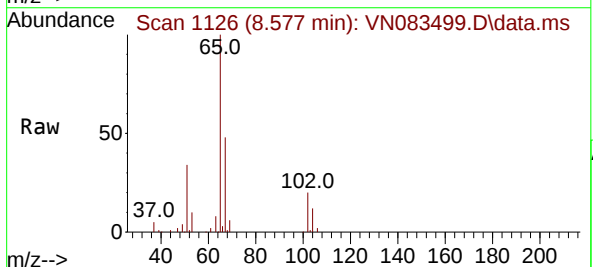
Instrument :
MSVOA_N
ClientSampleId :
1054-TB082024



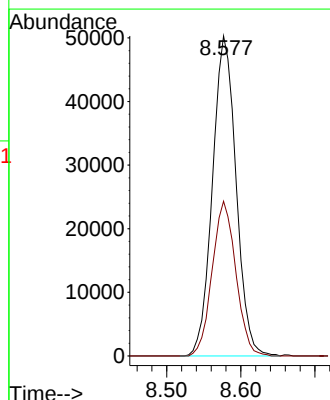
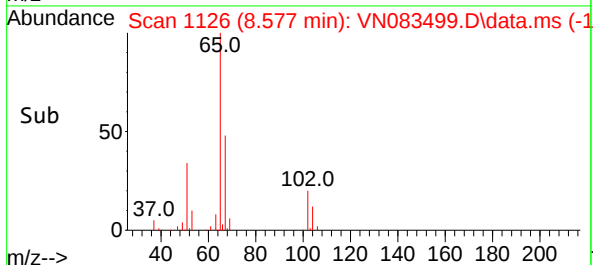
Tgt Ion:168 Resp: 147634
Ion Ratio Lower Upper
168 100
99 69.0 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 52.970 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28



Tgt Ion: 65 Resp: 111311
Ion Ratio Lower Upper
65 100
67 48.4 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

1054-TB082024

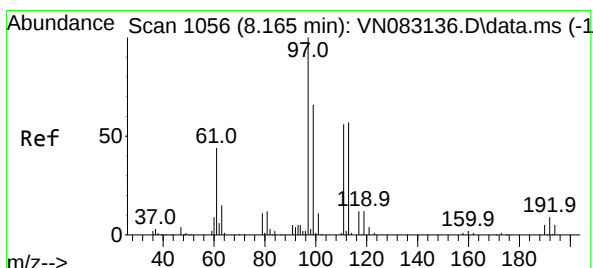
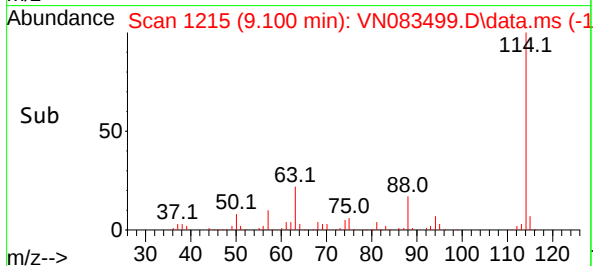
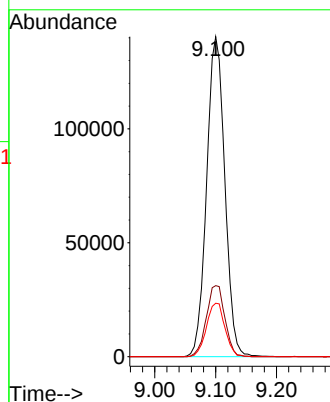
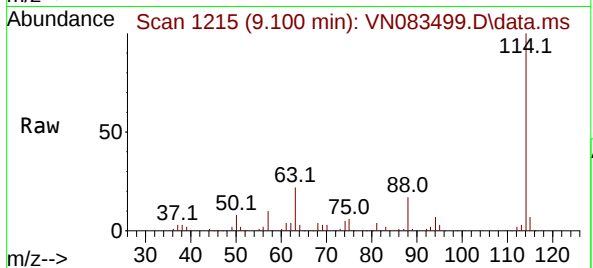
Tgt Ion:114 Resp: 291610

Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.6

88 16.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.611 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

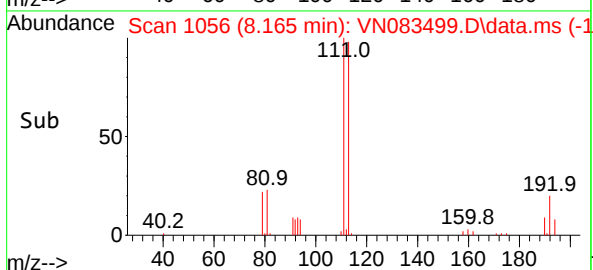
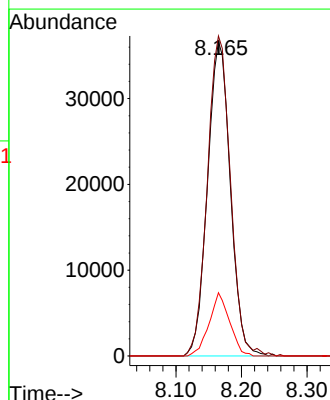
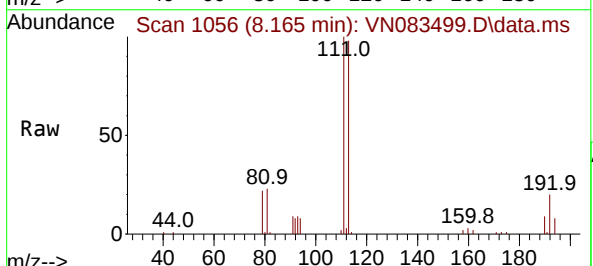
Tgt Ion:113 Resp: 88480

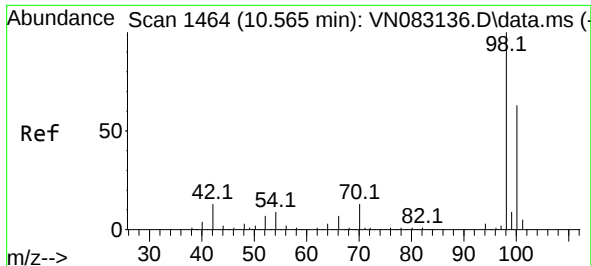
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 18.0 14.9 22.3

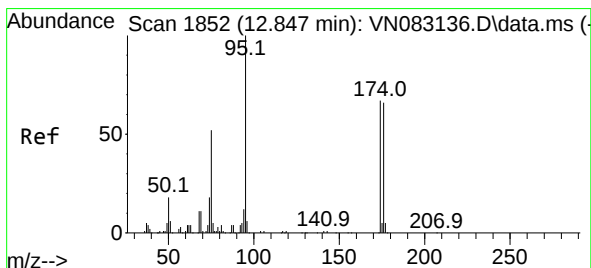
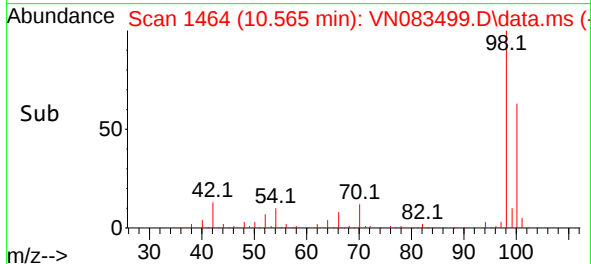
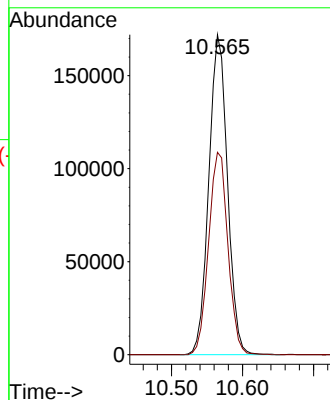
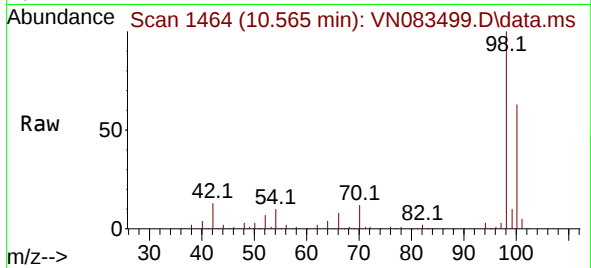




#50
Toluene-d8
Concen: 46.173 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

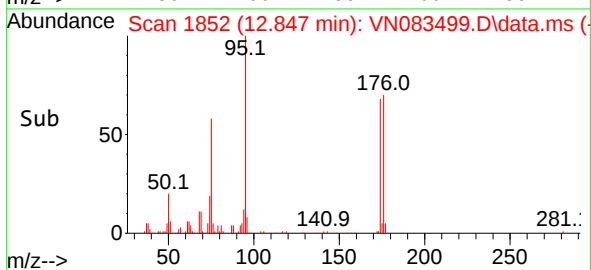
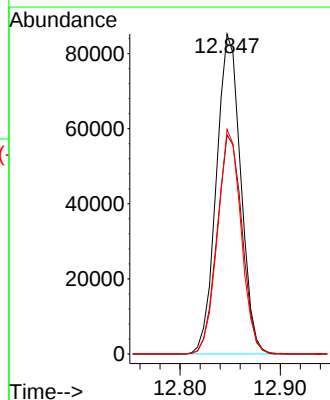
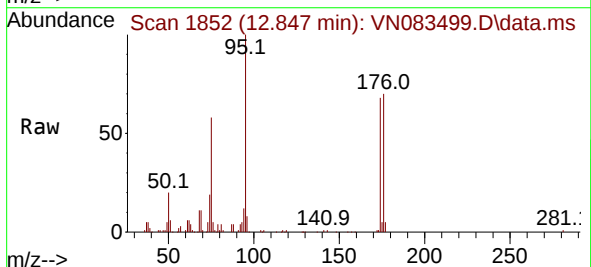
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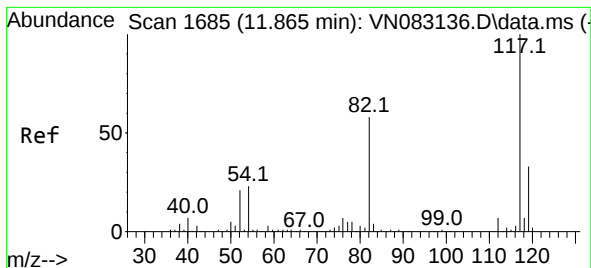
Tgt Ion: 98 Resp: 313498
Ion Ratio Lower Upper
98 100
100 65.5 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

Tgt Ion: 95 Resp: 143356
Ion Ratio Lower Upper
95 100
174 70.4 0.0 159.2
176 68.2 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083499.D

Acq: 27 Aug 2024 10:28

Instrument :

MSVOA_N

ClientSampleId :

1054-TB082024

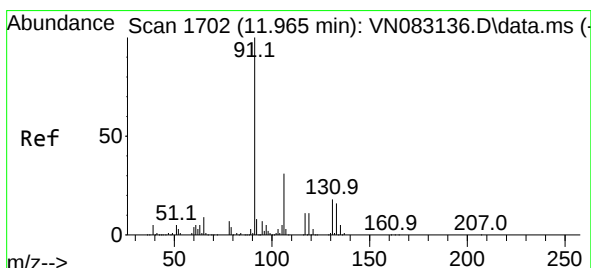
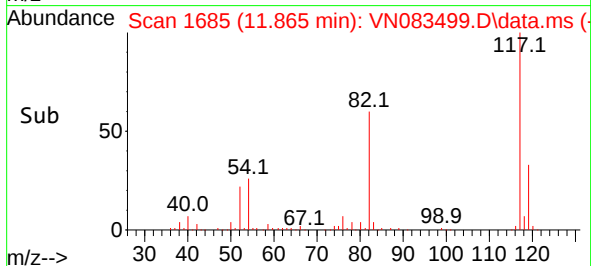
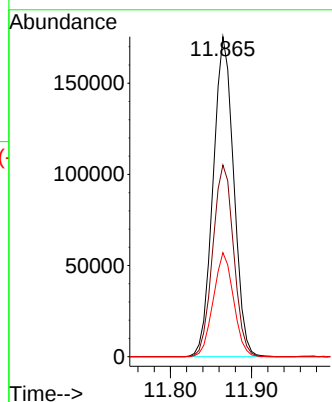
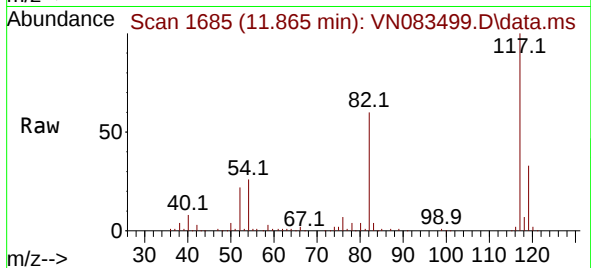
Tgt Ion:117 Resp: 309738

Ion Ratio Lower Upper

117 100

82 59.9 47.5 71.3

119 32.5 25.6 38.4



#67

Ethyl Benzene

Concen: 2.485 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083499.D

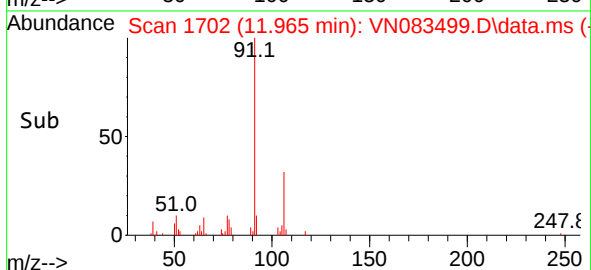
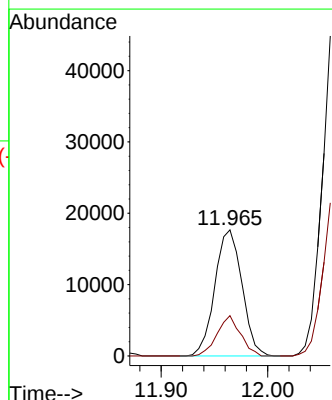
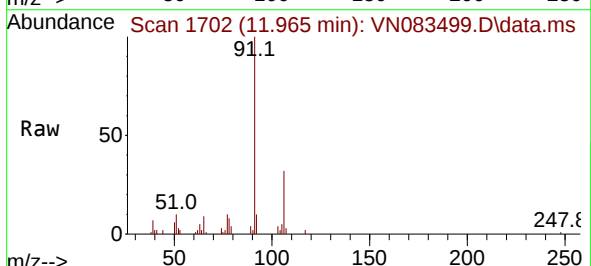
Acq: 27 Aug 2024 10:28

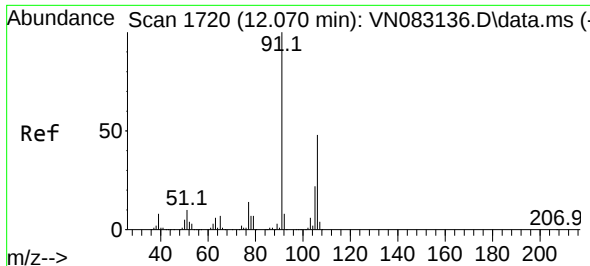
Tgt Ion: 91 Resp: 31207

Ion Ratio Lower Upper

91 100

106 32.0 24.0 36.0

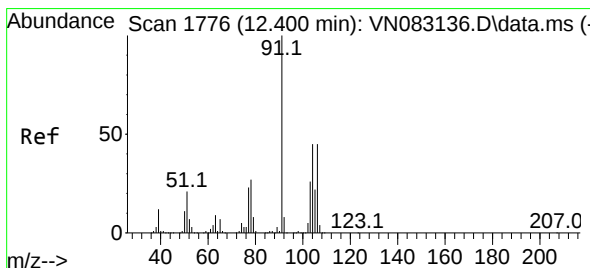
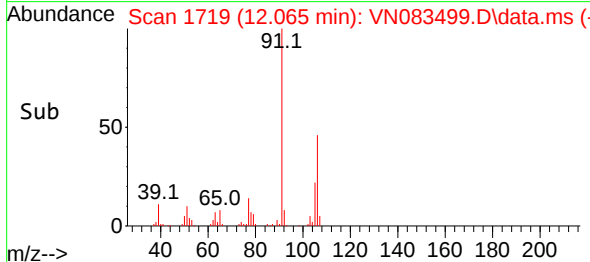
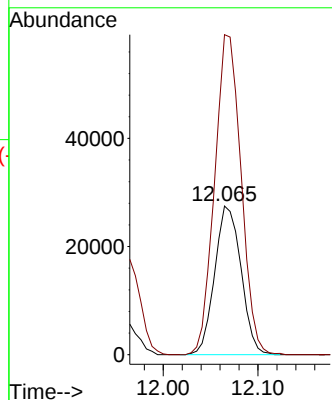
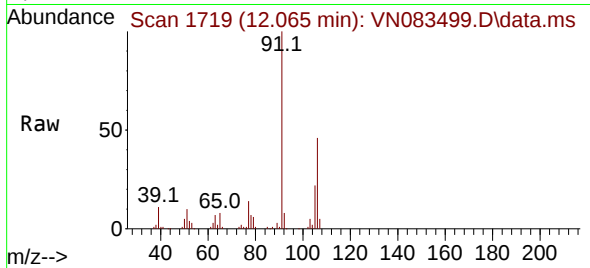




#68
m/p-Xylenes
Concen: 11.287 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

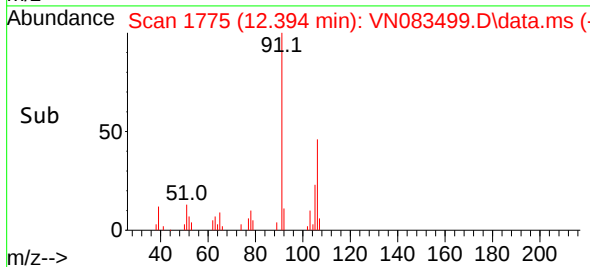
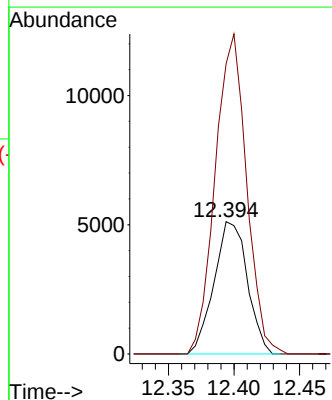
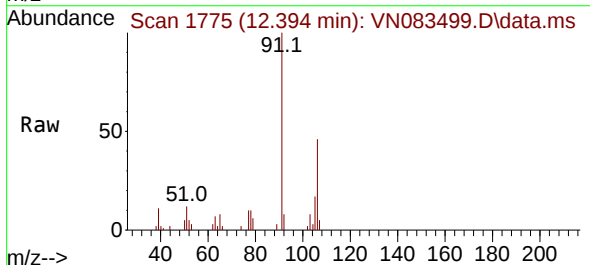
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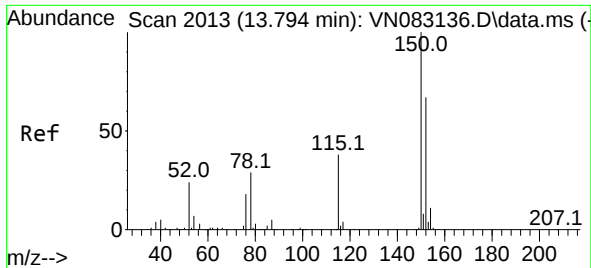
Tgt Ion:106 Resp: 53090
Ion Ratio Lower Upper
106 100
91 216.6 166.1 249.1



#69
o-Xylene
Concen: 1.949 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN083499.D
Acq: 27 Aug 2024 10:28

Tgt Ion:106 Resp: 9040
Ion Ratio Lower Upper
106 100
91 227.3 111.3 333.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083499.D
 Acq: 27 Aug 2024 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 1054-TB082024

Tgt Ion:152 Resp: 144572
 Ion Ratio Lower Upper
 152 100
 115 64.7 30.6 91.6
 150 157.1 0.0 348.6

