

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084040.D
 Acq On : 19 Sep 2024 17:40
 Operator : JC\MD
 Sample : P4003-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUPE2-20240911

Quant Time: Sep 20 01:34:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

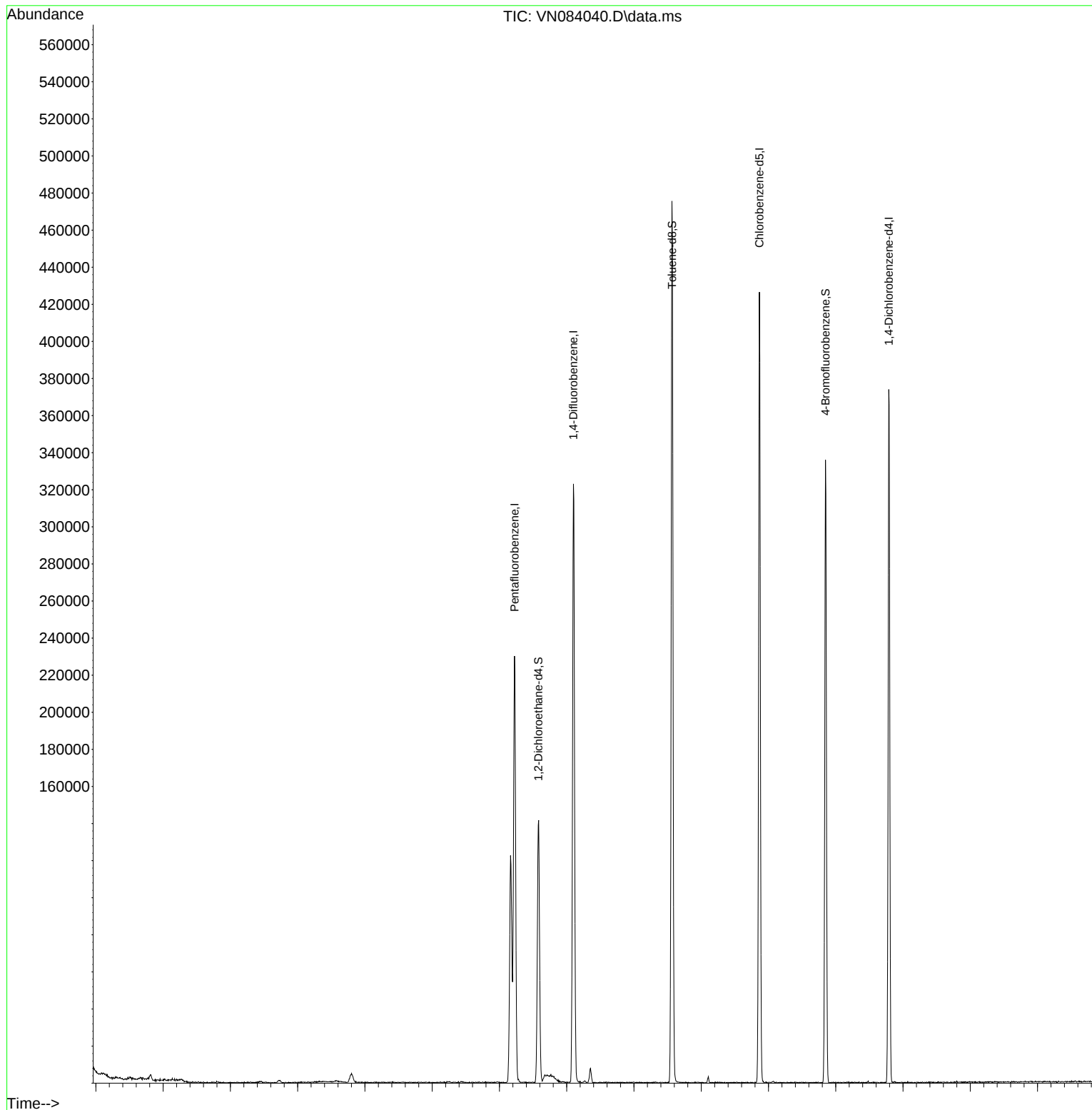
Internal Standards						
1) Pentafluorobenzene	8.224	168	151643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	93987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122986	53.786	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.580%			
35) Dibromofluoromethane	8.165	113	85492	50.416	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.840%			
50) Toluene-d8	10.565	98	316916	54.061	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.120%			
62) 4-Bromofluorobenzene	12.847	95	115186	47.625	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.260%			
Target Compounds						
19) Methyl tert-butyl Ether	5.800	73	7589	1.279	ug/l	99
44) Trichloroethene	9.347	130	2945	1.655	ug/l	98

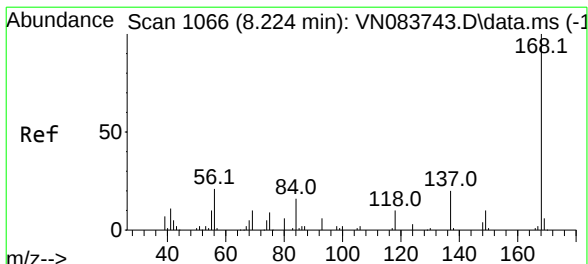
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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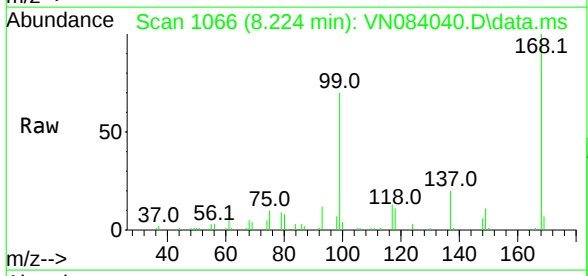
Quant Time: Sep 20 01:34:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration





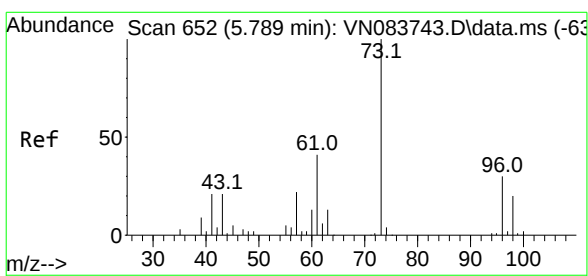
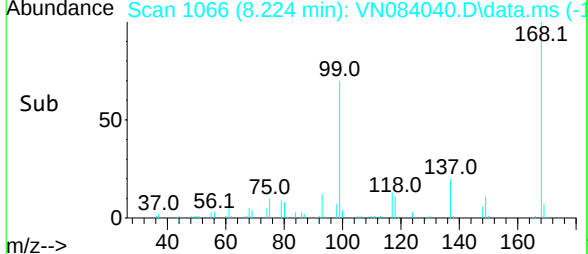
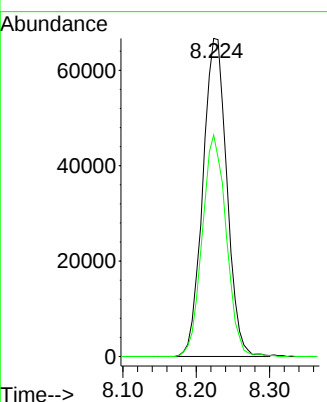
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084040.D
 Acq: 19 Sep 2024 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 DUPE2-20240911



Tgt Ion: 168 Resp: 151643

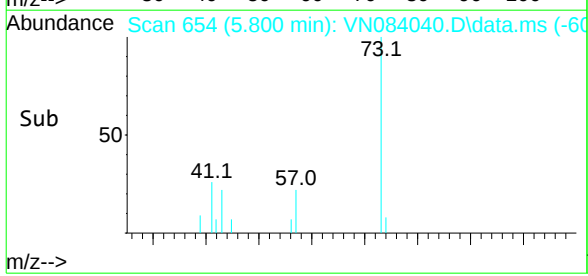
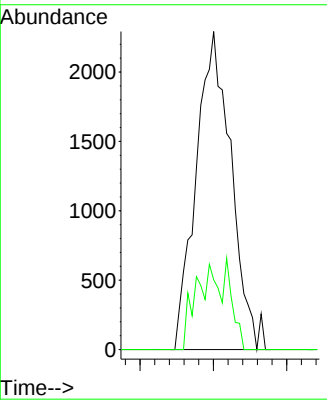
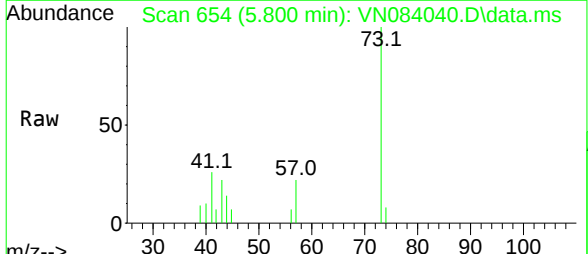
Ion	Ratio	Lower	Upper
168	100		
99	69.6	54.2	81.2

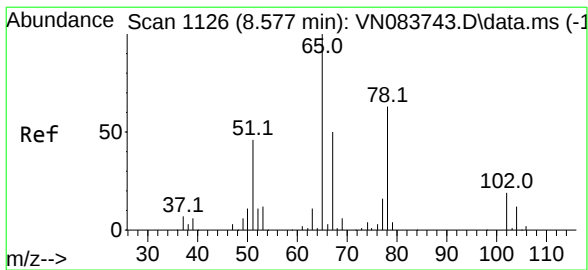


#19
 Methyl tert-butyl Ether
 Concen: 1.279 ug/l
 RT: 5.800 min Scan# 654
 Delta R.T. 0.012 min
 Lab File: VN084040.D
 Acq: 19 Sep 2024 17:40

Tgt Ion: 73 Resp: 7589

Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.0	25.6

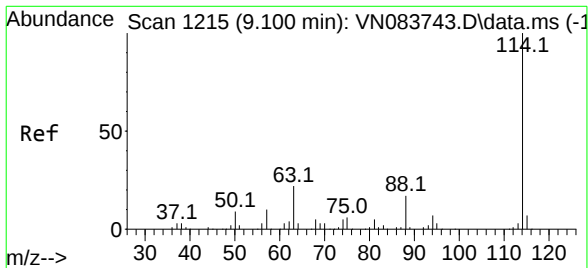
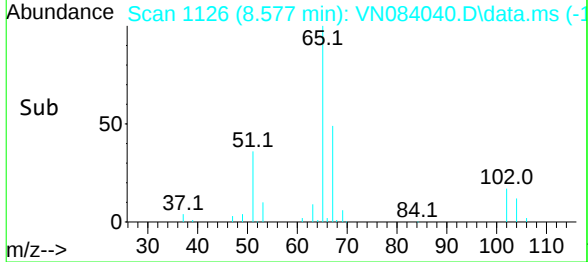
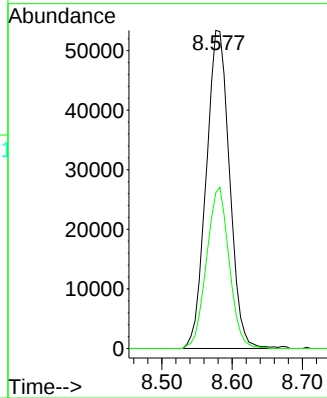
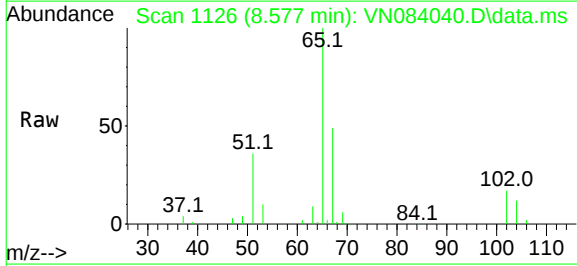




#33
1,2-Dichloroethane-d4
Concen: 53.786 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

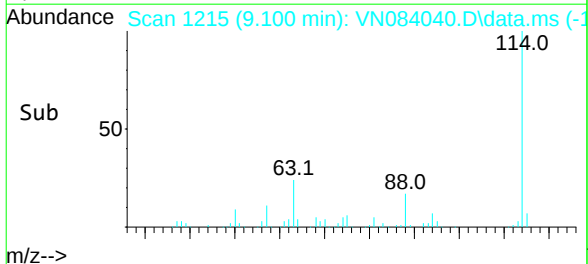
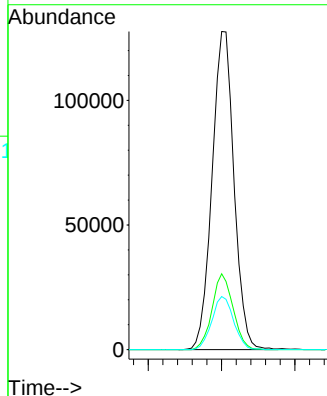
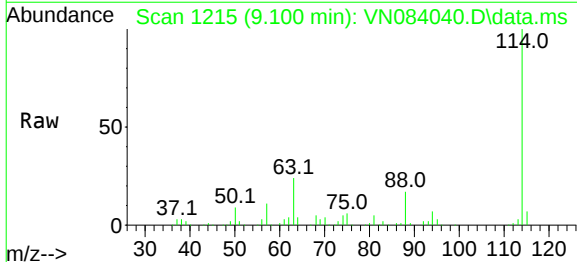
Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

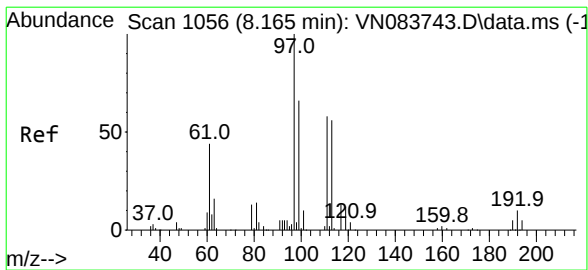
Tgt Ion: 65 Resp: 122986
Ion Ratio Lower Upper
65 100
67 49.1 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion: 114 Resp: 264878
Ion Ratio Lower Upper
114 100
63 23.8 0.0 43.4
88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.416 ug/l

RT: 8.165 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN084040.D

Acq: 19 Sep 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

DUPE2-20240911

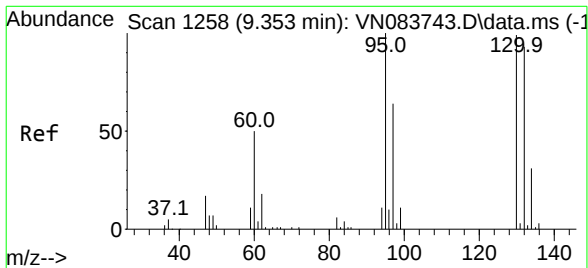
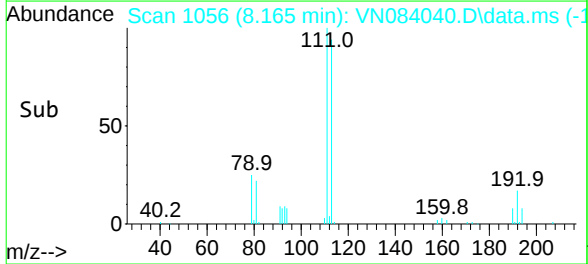
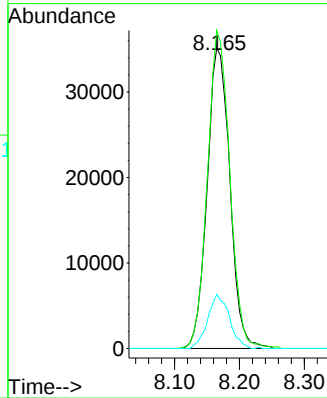
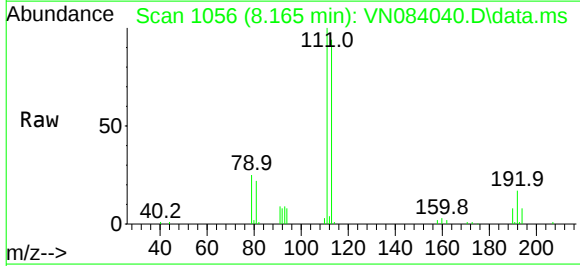
Tgt Ion:113 Resp: 85492

Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 17.2 14.3 21.5



#44

Trichloroethene

Concen: 1.655 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. -0.006 min

Lab File: VN084040.D

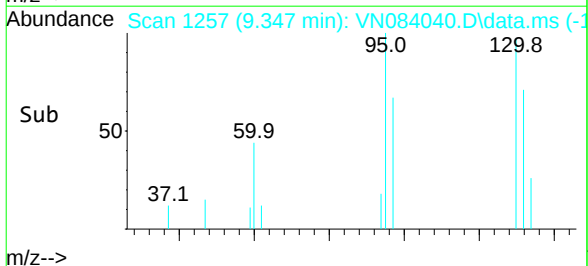
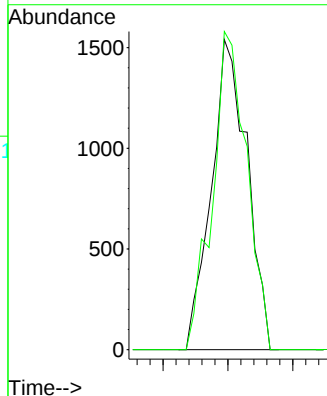
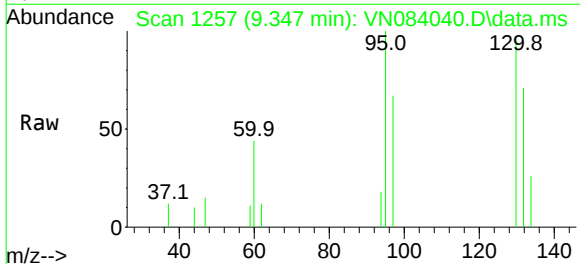
Acq: 19 Sep 2024 17:40

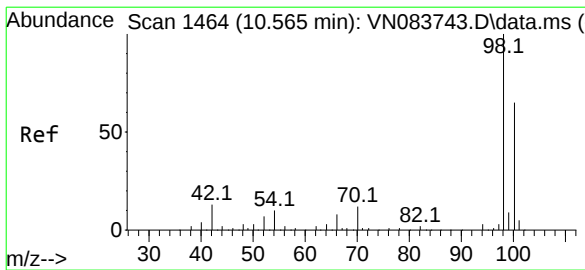
Tgt Ion:130 Resp: 2945

Ion Ratio Lower Upper

130 100

95 102.6 0.0 200.4





#50

Toluene-d8

Concen: 54.061 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084040.D

Acq: 19 Sep 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

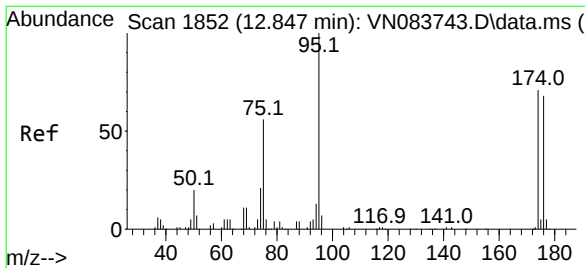
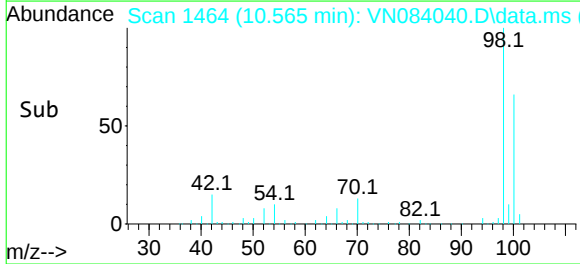
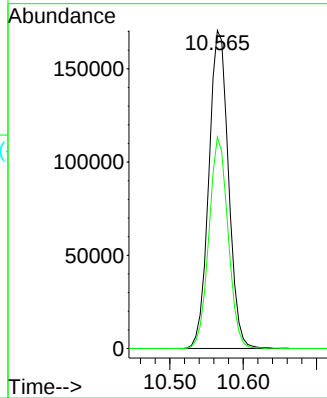
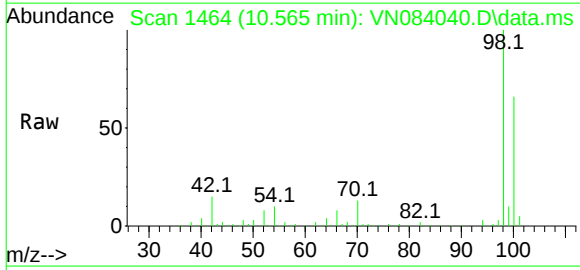
DUPE2-20240911

Tgt Ion: 98 Resp: 316916

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.625 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084040.D

Acq: 19 Sep 2024 17:40

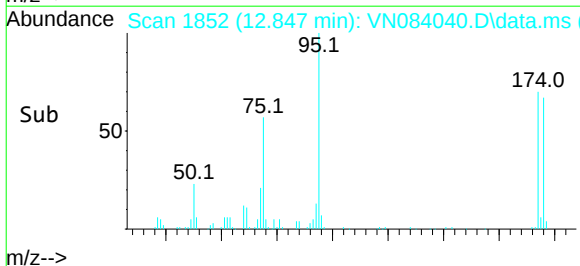
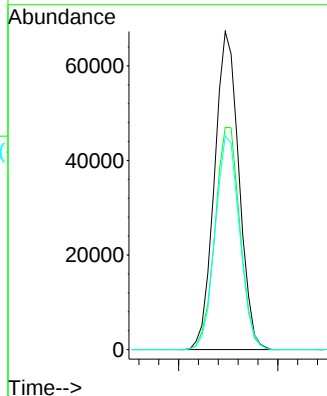
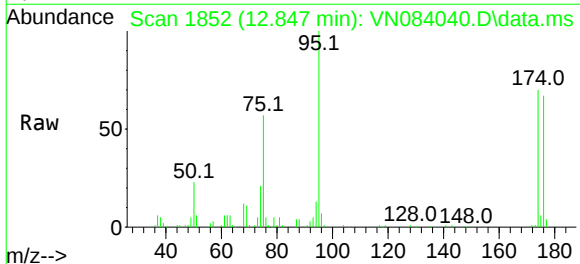
Tgt Ion: 95 Resp: 115186

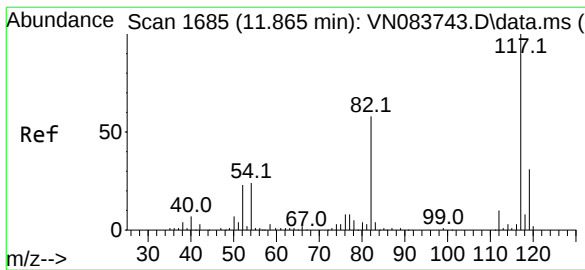
Ion Ratio Lower Upper

95 100

174 71.1 0.0 139.8

176 67.5 0.0 131.4

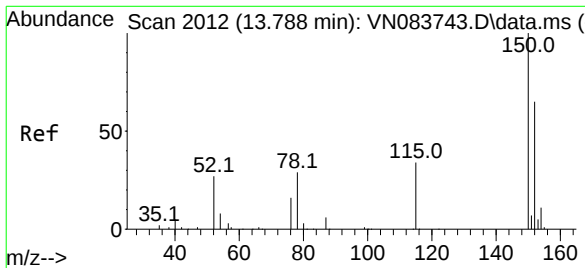
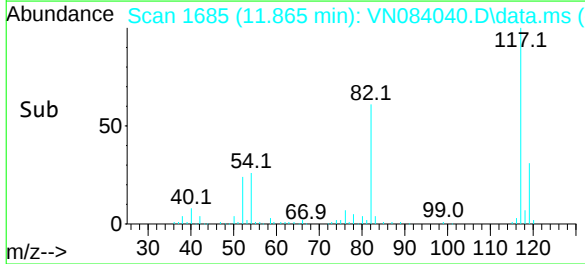
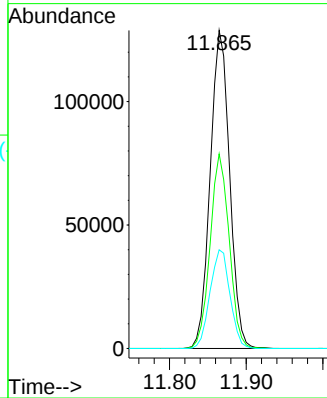
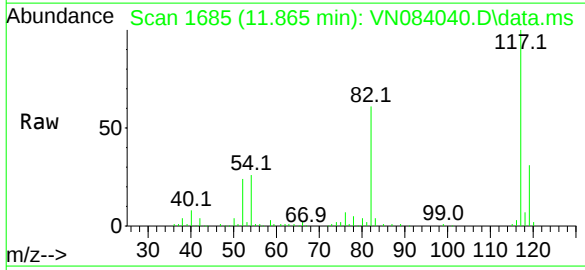




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :
DUPE2-20240911

Tgt Ion:117 Resp: 226457
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.0
119 31.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084040.D
Acq: 19 Sep 2024 17:40

Tgt Ion:152 Resp: 93987
Ion Ratio Lower Upper
152 100
115 65.2 32.2 96.6
150 158.9 0.0 348.6

