

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085712.D
 Acq On : 07 Feb 2025 21:30
 Operator : JC\MD
 Sample : Q1309-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Quant Time: Feb 08 00:43:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

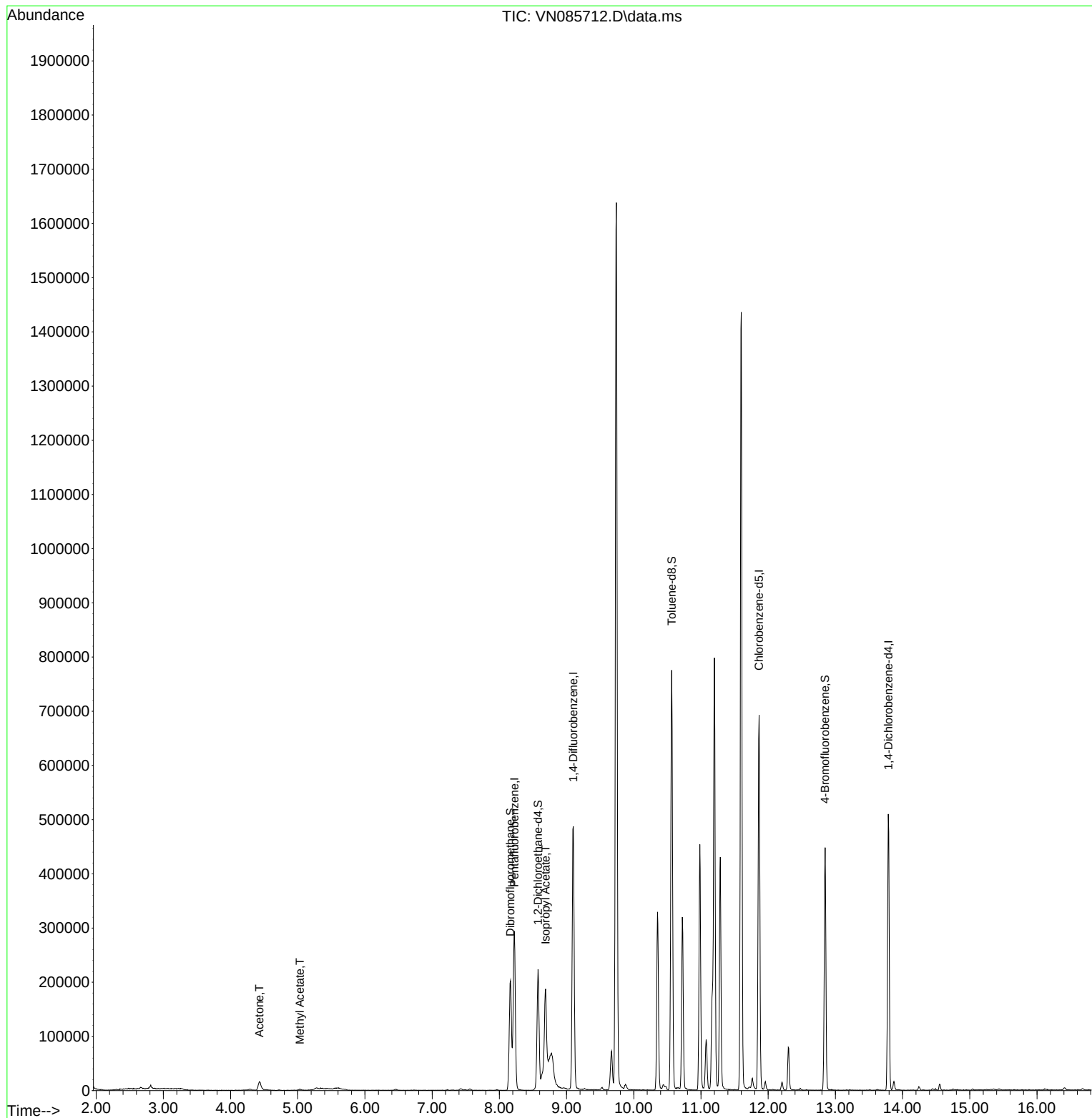
Internal Standards						
1) Pentafluorobenzene	8.224	168	202703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	419706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	392979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	179366	54.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.640%	
35) Dibromofluoromethane	8.165	113	145665	50.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.060%	
50) Toluene-d8	10.565	98	540845	52.279	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.560%	
62) 4-Bromofluorobenzene	12.847	95	152381	43.059	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 86.120%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	30670	29.010	ug/l	95
18) Methyl Acetate	5.030	43	3984	1.239	ug/l	91
43) Isopropyl Acetate	8.688	43	238954	36.154	ug/l #	83

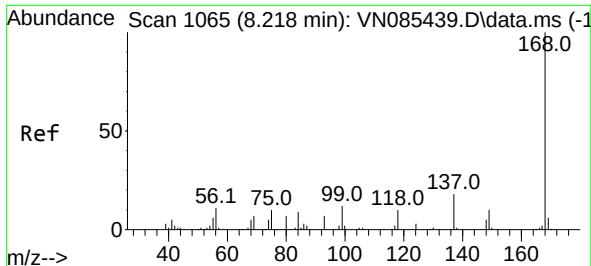
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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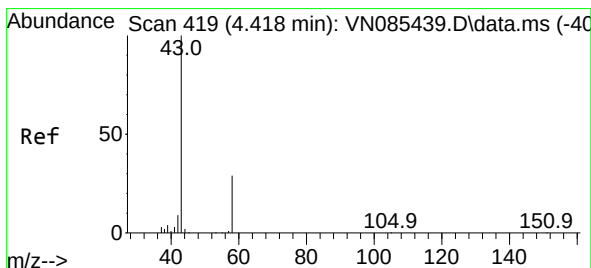
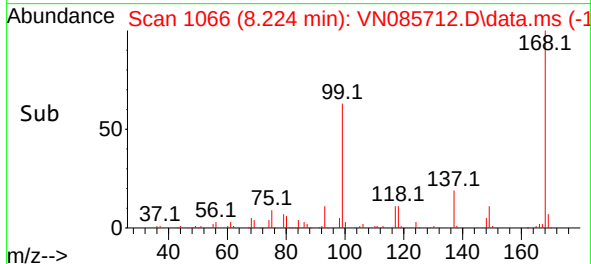
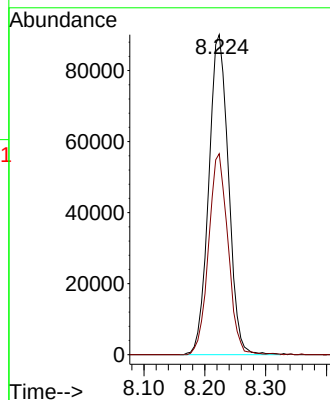
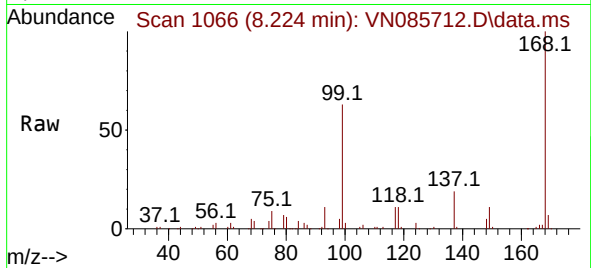




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085712.D
Acq: 07 Feb 2025 21:30

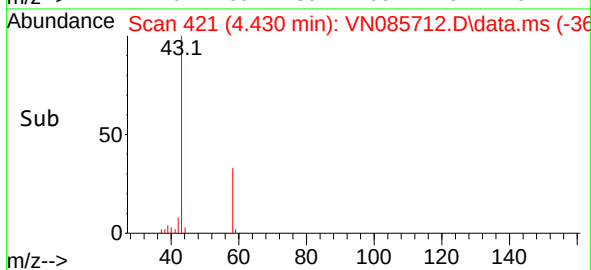
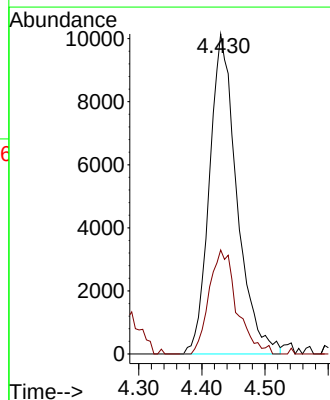
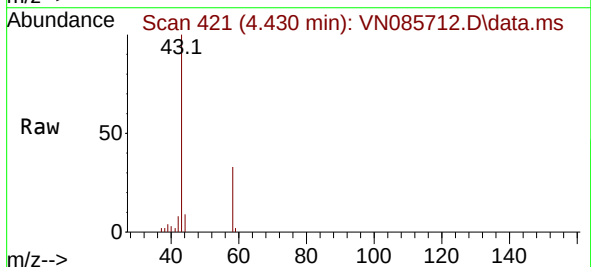
Instrument :
MSVOA_N
ClientSampleId :
WC-5

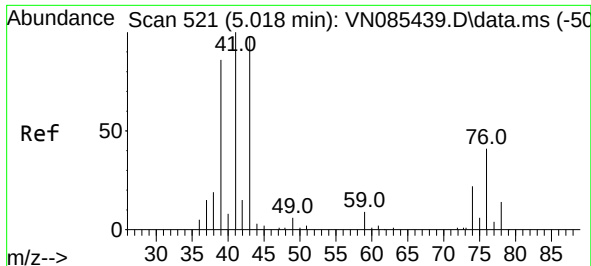
Tgt Ion:168 Resp: 202703
Ion Ratio Lower Upper
168 100
99 62.8 53.6 80.4



#16
Acetone
Concen: 29.010 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085712.D
Acq: 07 Feb 2025 21:30

Tgt Ion: 43 Resp: 30670
Ion Ratio Lower Upper
43 100
58 32.5 23.8 35.6

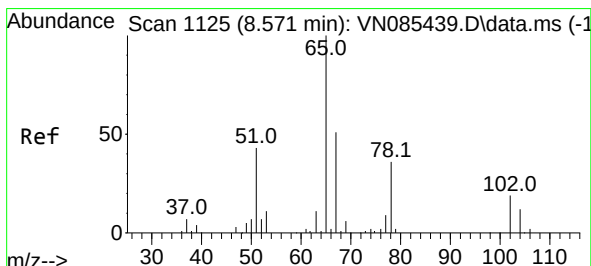
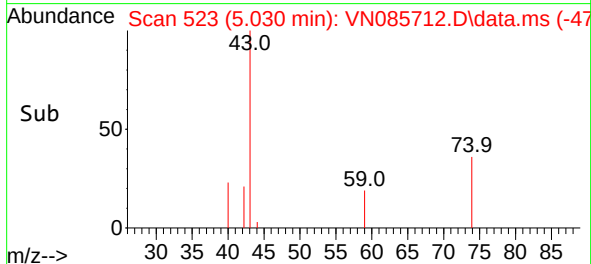
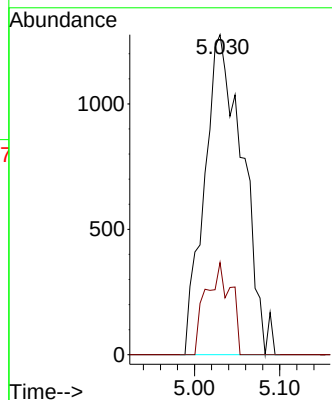
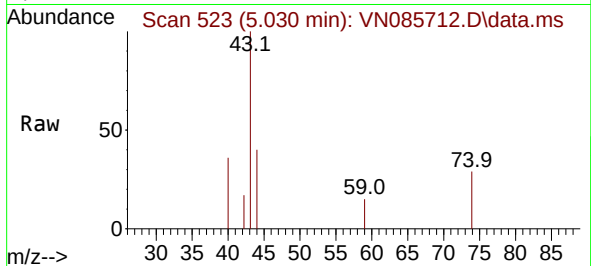




#18
Methyl Acetate
Concen: 1.239 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085712.D
Acq: 07 Feb 2025 21:30

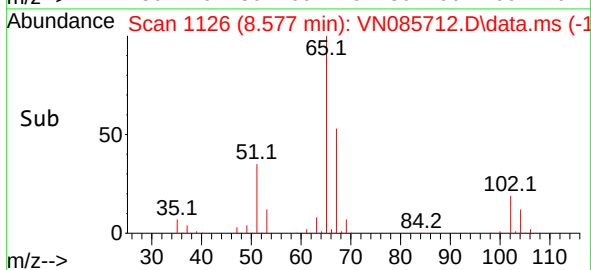
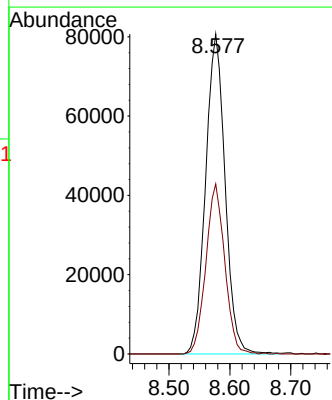
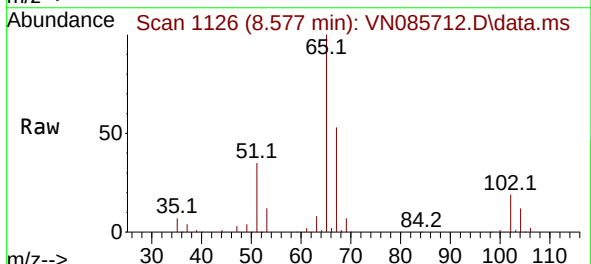
Instrument :
MSVOA_N
ClientSampleId :
WC-5

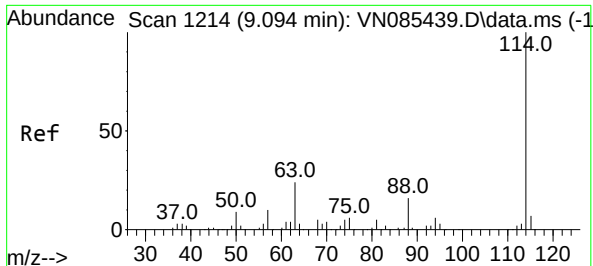
Tgt Ion: 43 Resp: 3984
Ion Ratio Lower Upper
43 100
74 18.7 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 54.818 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085712.D
Acq: 07 Feb 2025 21:30

Tgt Ion: 65 Resp: 179366
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085712.D

Acq: 07 Feb 2025 21:30

Instrument :

MSVOA_N

ClientSampleId :

WC-5

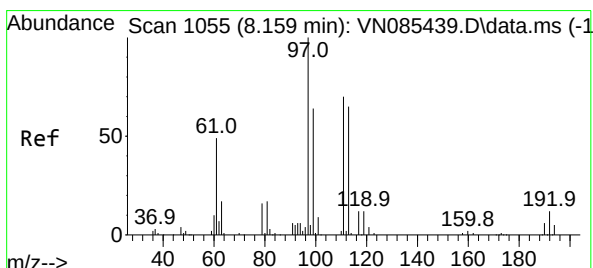
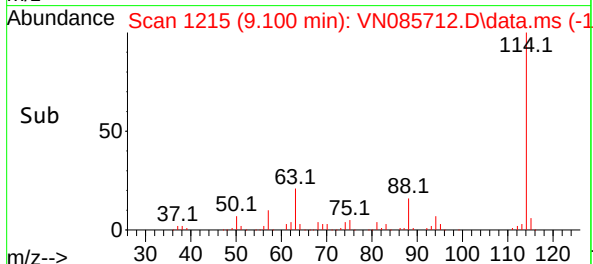
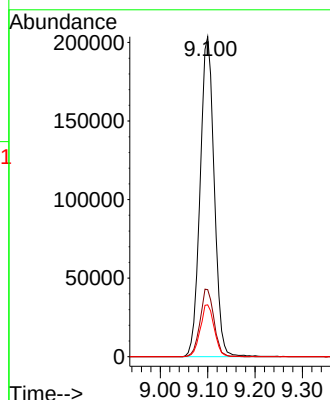
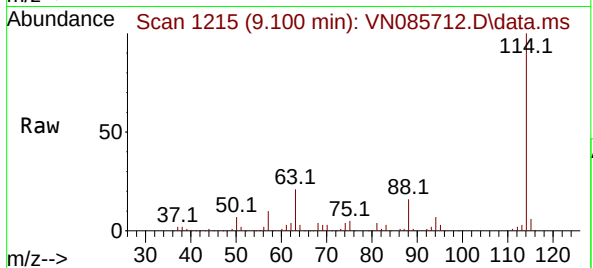
Tgt Ion:114 Resp: 419706

Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.6

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.027 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085712.D

Acq: 07 Feb 2025 21:30

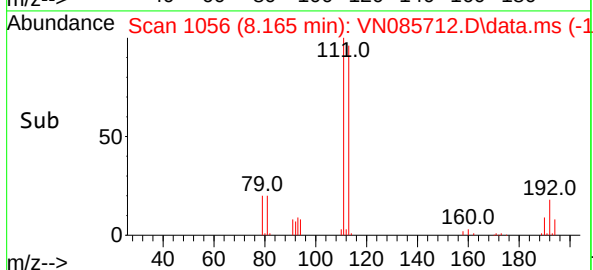
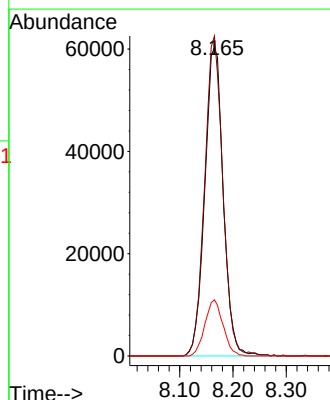
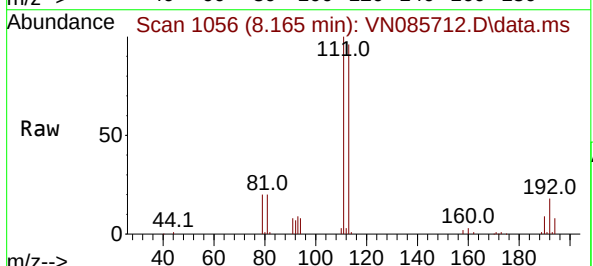
Tgt Ion:113 Resp: 145665

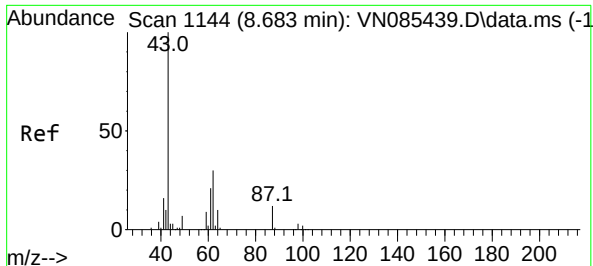
Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

192 17.9 14.3 21.5

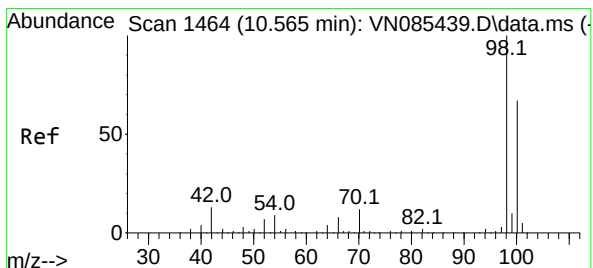
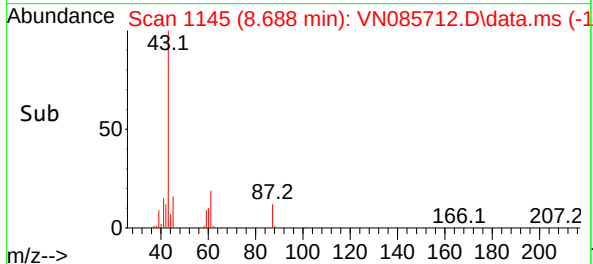
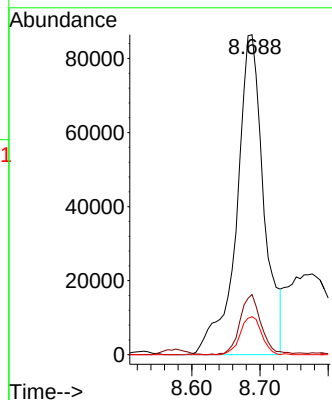
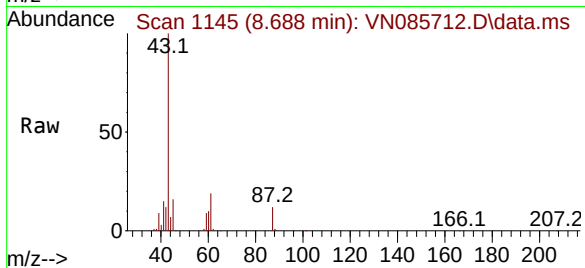




#43
Isopropyl Acetate
Concen: 36.154 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085712.D
Acq: 07 Feb 2025 21:30

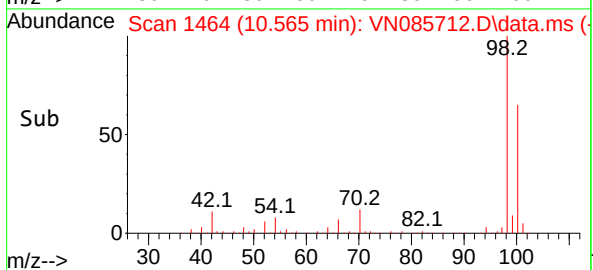
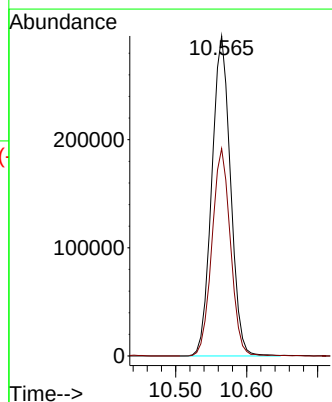
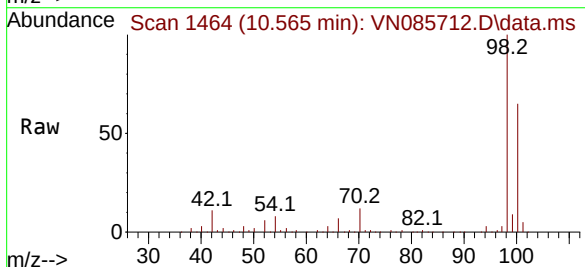
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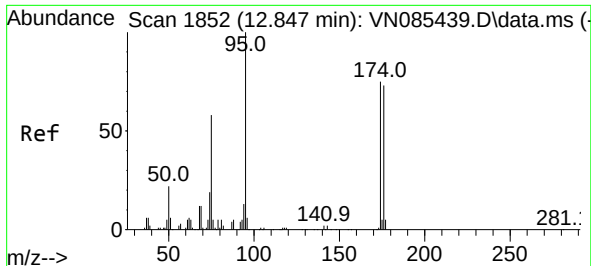
Tgt Ion: 43 Resp: 238954
Ion Ratio Lower Upper
43 100
61 15.0 20.7 31.1#
87 9.3 9.8 14.8#



#50
Toluene-d8
Concen: 52.279 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085712.D
Acq: 07 Feb 2025 21:30

Tgt Ion: 98 Resp: 540845
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4

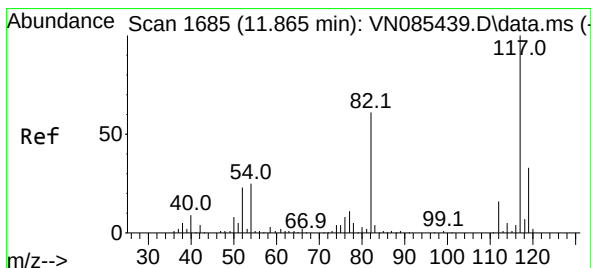
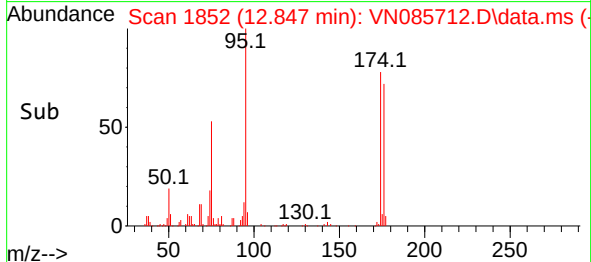
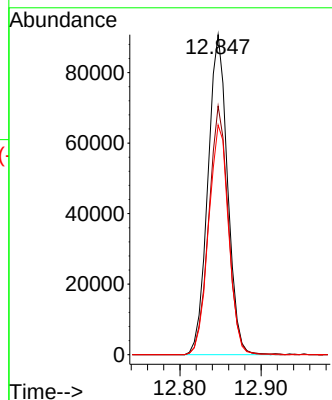
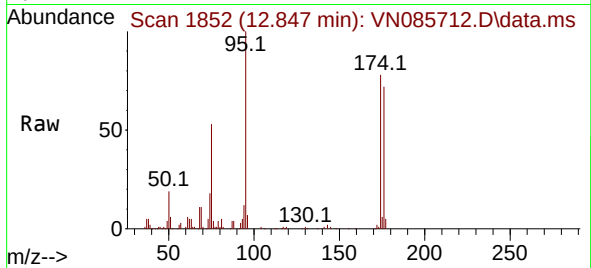




#62
4-Bromofluorobenzene
Concen: 43.059 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085712.D
Acq: 07 Feb 2025 21:30

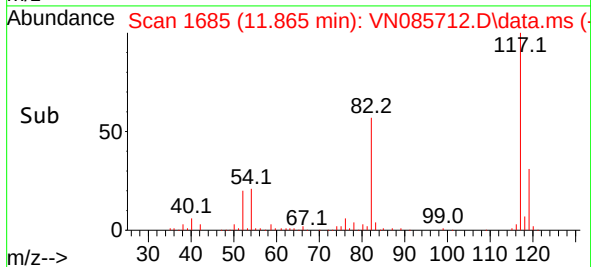
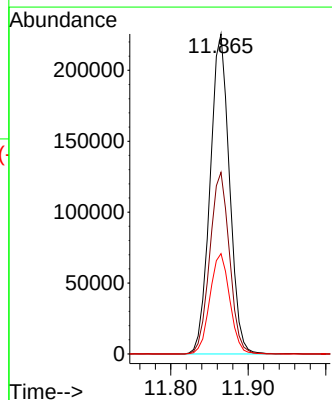
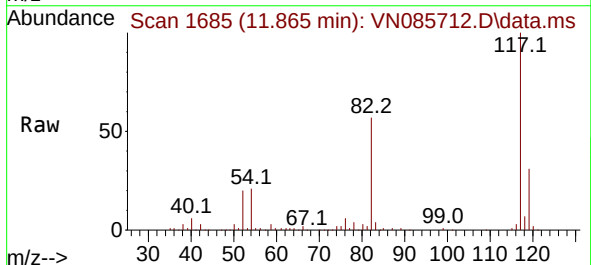
Instrument :
MSVOA_N
ClientSampleId :
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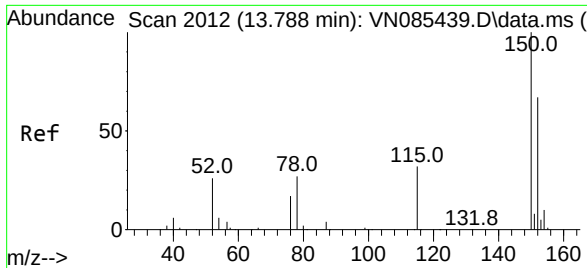
Tgt Ion: 95 Resp: 152381
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.0
176 73.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085712.D
Acq: 07 Feb 2025 21:30

Tgt Ion: 117 Resp: 392979
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 31.3 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085712.D
 Acq: 07 Feb 2025 21:30

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-5

Tgt Ion:152 Resp: 140468
 Ion Ratio Lower Upper
 152 100
 115 61.6 31.1 93.3
 150 154.7 0.0 343.6

