

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085713.D
 Acq On : 07 Feb 2025 21:54
 Operator : JC\MD
 Sample : Q1309-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-6

Quant Time: Feb 08 00:44:24 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)

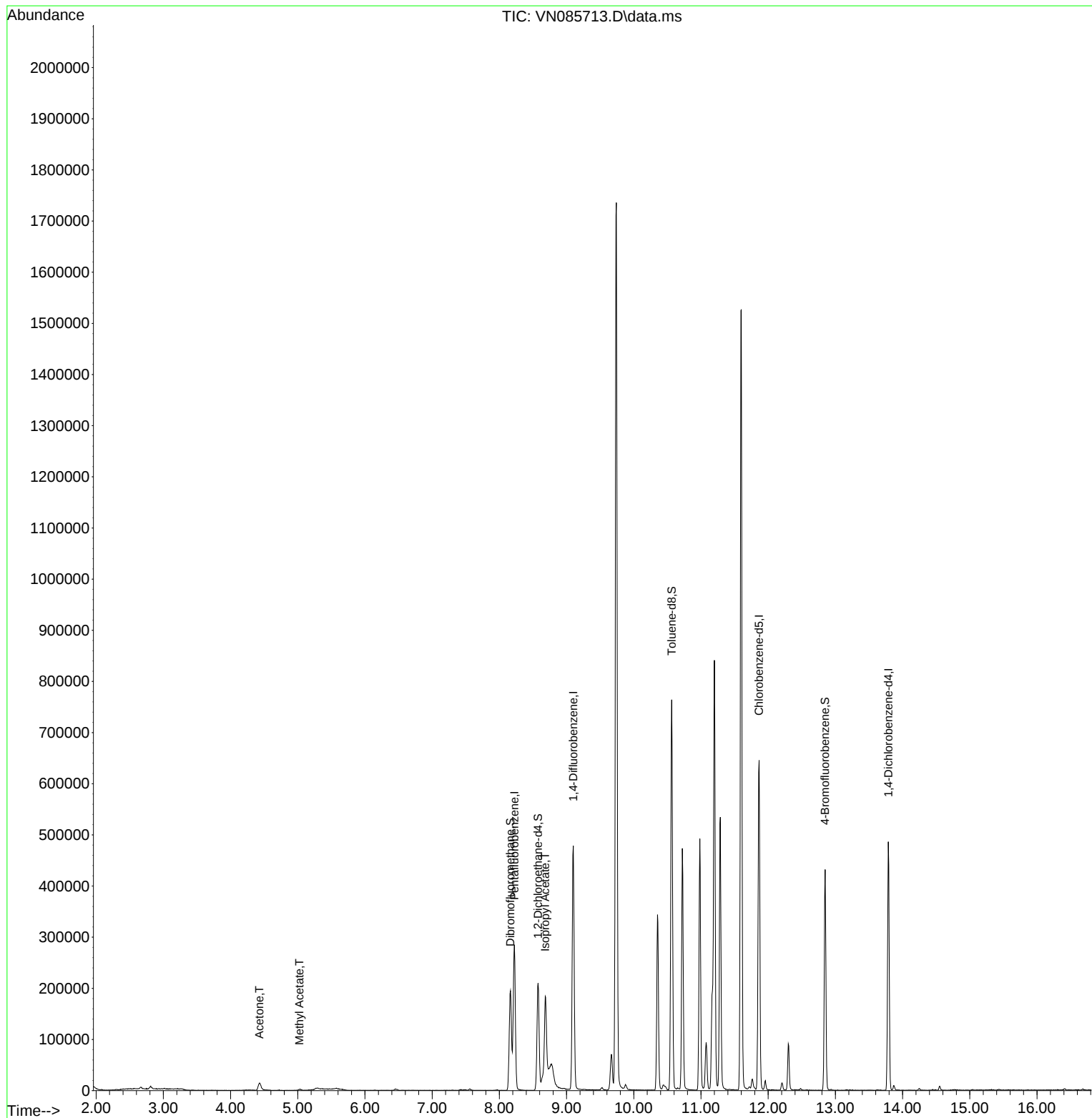
Internal Standards						
1) Pentafluorobenzene	8.224	168	196218	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	403083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	372752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	130978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173046	54.634	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.260%		
35) Dibromofluoromethane	8.165	113	141994	50.777	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.560%		
50) Toluene-d8	10.565	98	527993	53.142	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.280%		
62) 4-Bromofluorobenzene	12.847	95	143029	42.083	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 84.160%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	27287	26.663	ug/l	97
18) Methyl Acetate	5.024	43	3935	1.264	ug/l	100
43) Isopropyl Acetate	8.682	43	232789	36.674	ug/l #	83

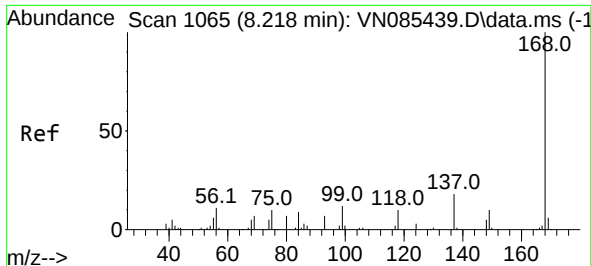
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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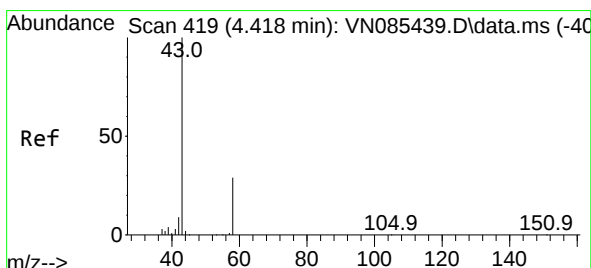
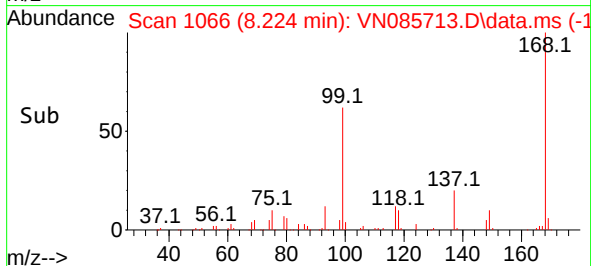
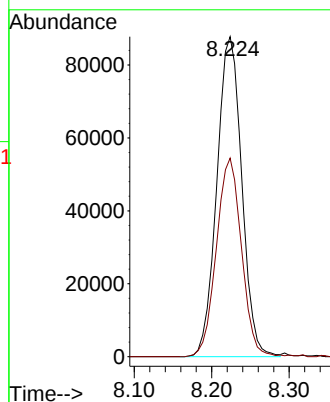
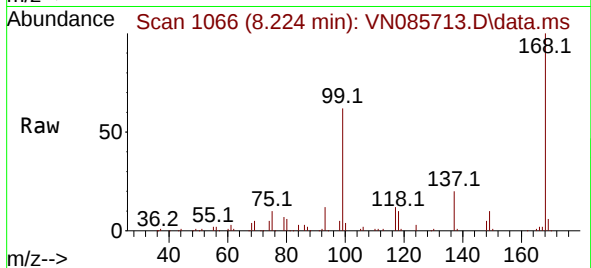




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085713.D
Acq: 07 Feb 2025 21:54

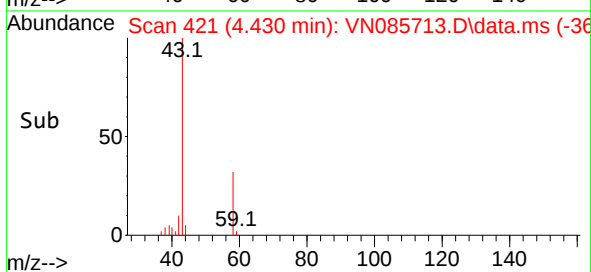
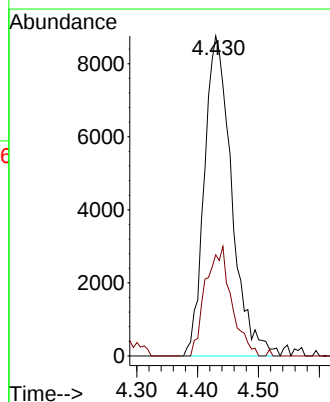
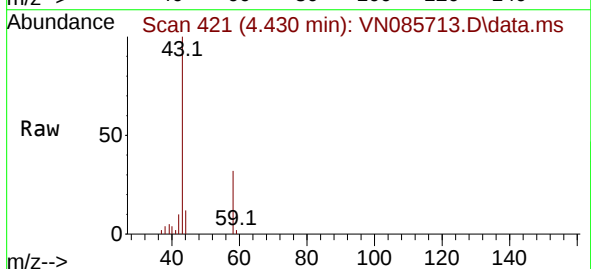
Instrument :
MSVOA_N
ClientSampleId :
WC-6

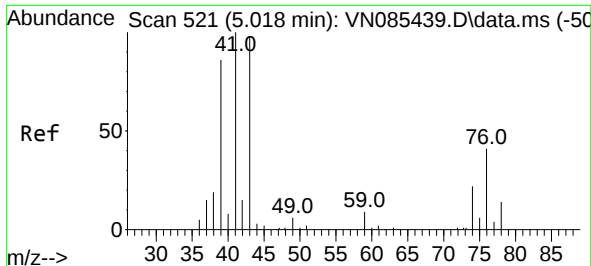
Tgt Ion:168 Resp: 196218
Ion Ratio Lower Upper
168 100
99 62.1 53.6 80.4



#16
Acetone
Concen: 26.663 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085713.D
Acq: 07 Feb 2025 21:54

Tgt Ion: 43 Resp: 27287
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.6

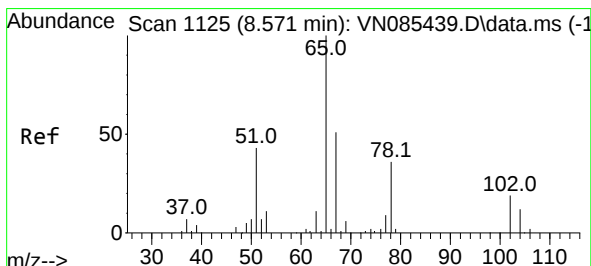
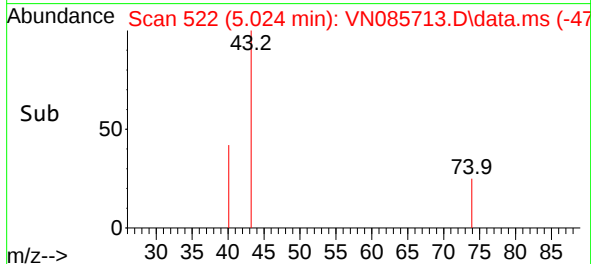
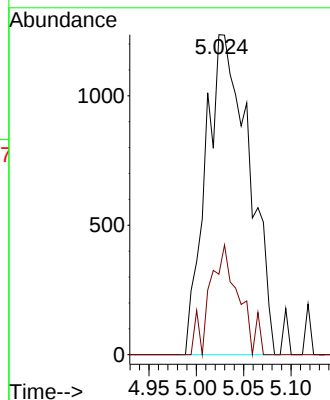
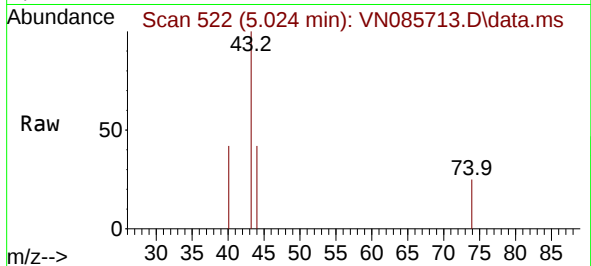




#18
Methyl Acetate
Concen: 1.264 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085713.D
Acq: 07 Feb 2025 21:54

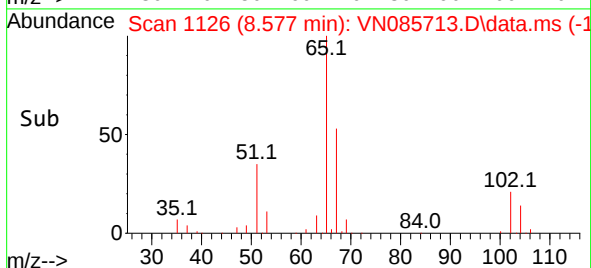
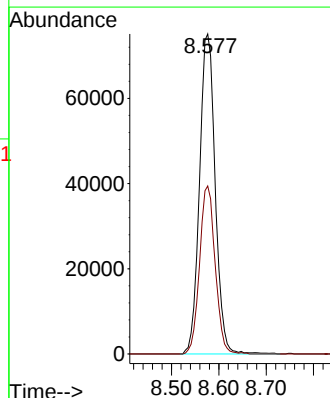
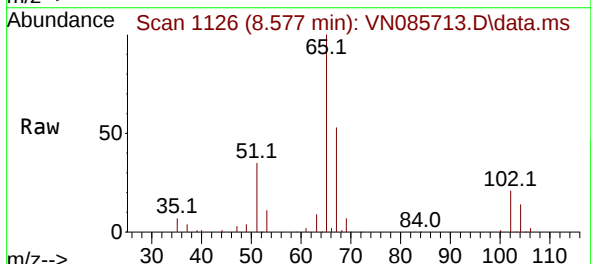
Instrument :
MSVOA_N
ClientSampleId :
WC-6

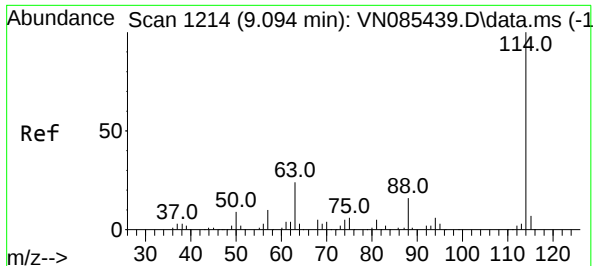
Tgt Ion: 43 Resp: 3935
Ion Ratio Lower Upper
43 100
74 23.2 18.6 28.0



#33
1,2-Dichloroethane-d4
Concen: 54.634 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085713.D
Acq: 07 Feb 2025 21:54

Tgt Ion: 65 Resp: 173046
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 114

Delta R.T. 0.006 min

Lab File: VN085713.D

Acq: 07 Feb 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

WC-6

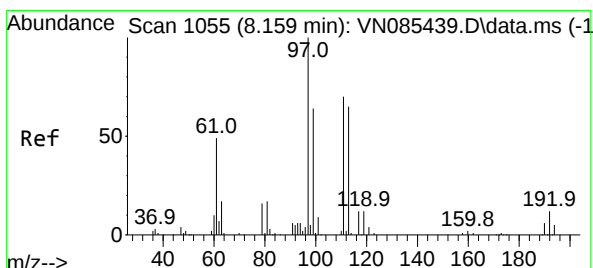
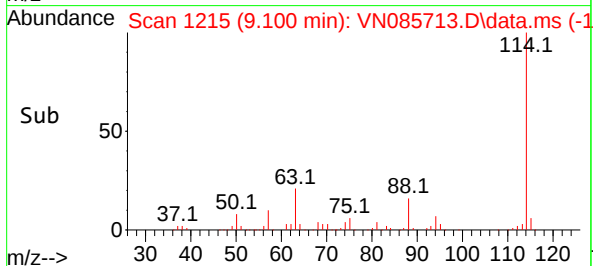
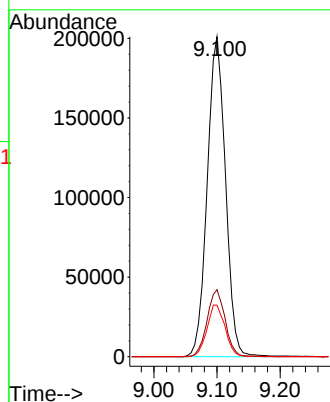
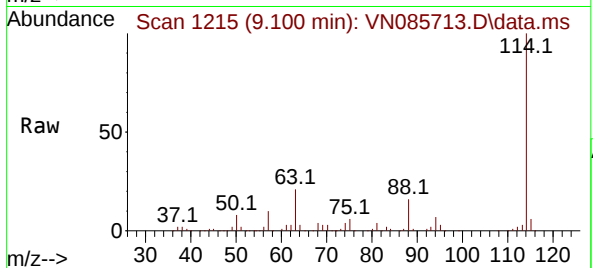
Tgt Ion:114 Resp: 403083

Ion Ratio Lower Upper

114 100

63 21.0 0.0 47.6

88 16.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.777 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085713.D

Acq: 07 Feb 2025 21:54

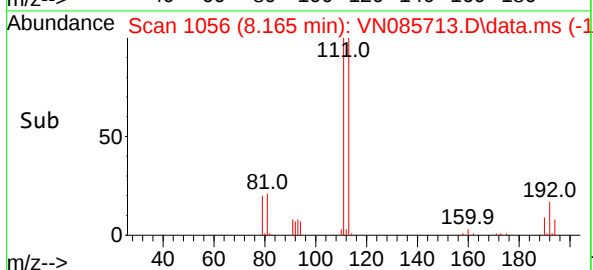
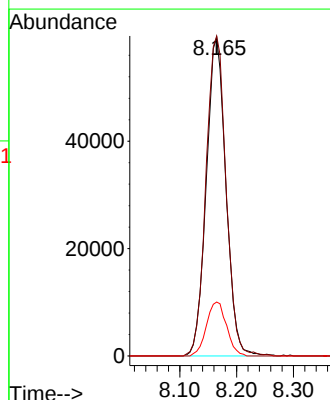
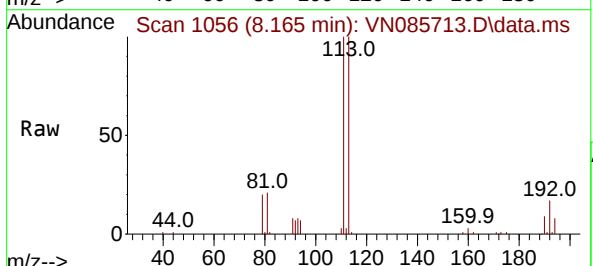
Tgt Ion:113 Resp: 141994

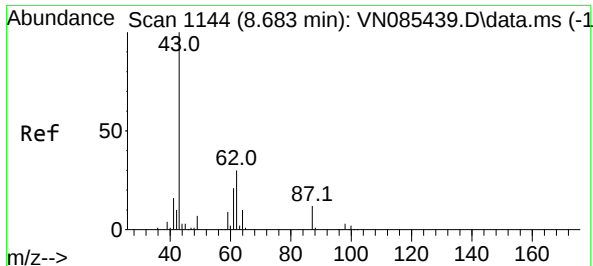
Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

192 17.3 14.3 21.5





#43

Isopropyl Acetate

Concen: 36.674 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085713.D

Acq: 07 Feb 2025 21:54

Instrument :

MSVOA_N

ClientSampleId :

WC-6

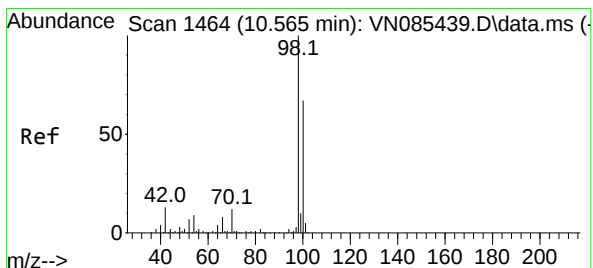
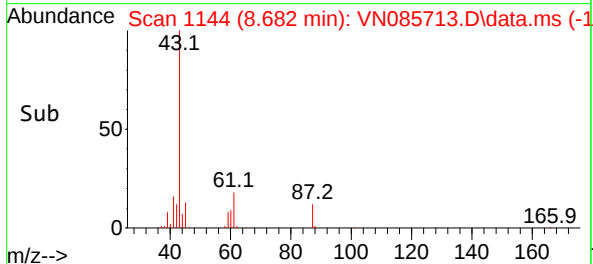
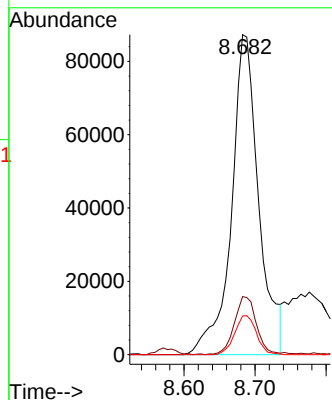
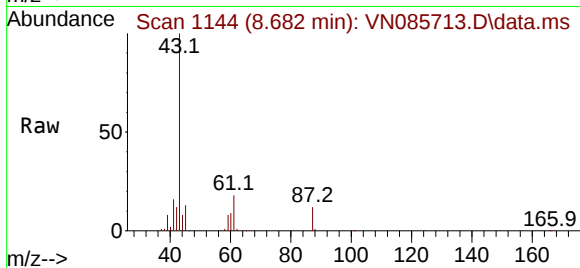
Tgt Ion: 43 Resp: 232789

Ion Ratio Lower Upper

43 100

61 14.9 20.7 31.1#

87 9.7 9.8 14.8#



#50

Toluene-d8

Concen: 53.142 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085713.D

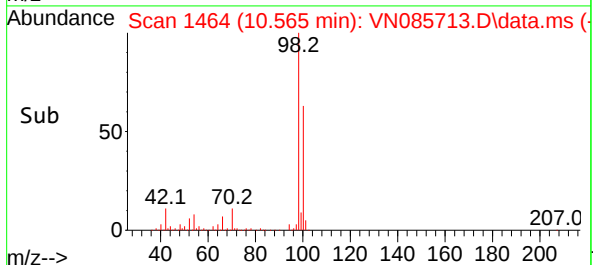
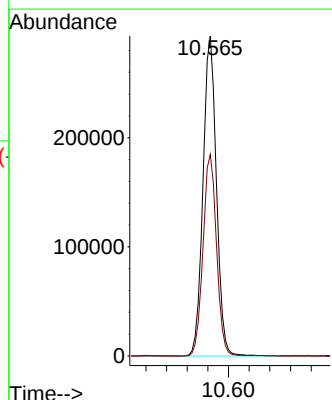
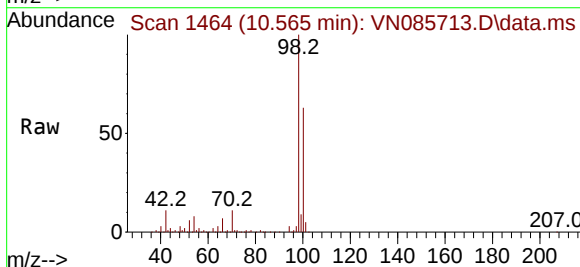
Acq: 07 Feb 2025 21:54

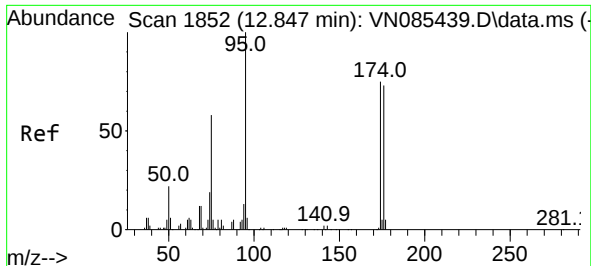
Tgt Ion: 98 Resp: 527993

Ion Ratio Lower Upper

98 100

100 63.3 52.2 78.4

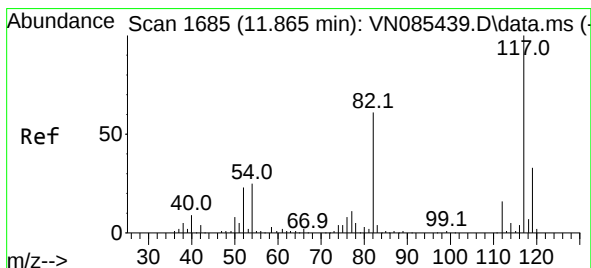
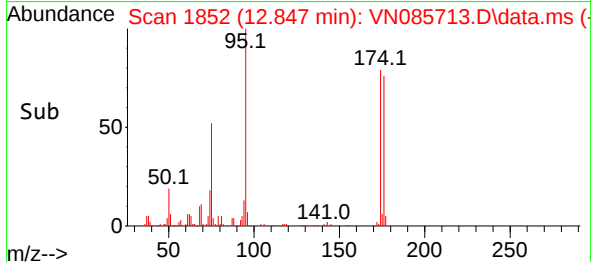
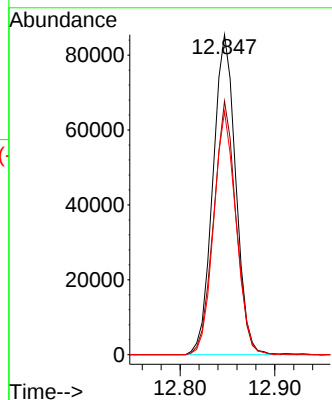
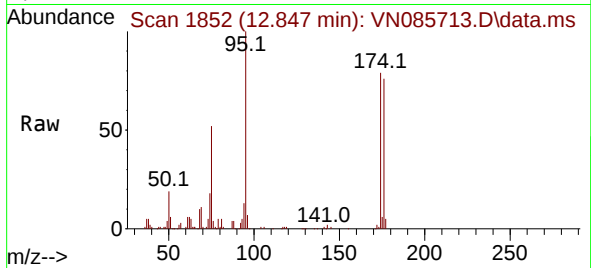




#62
4-Bromofluorobenzene
Concen: 42.083 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085713.D
Acq: 07 Feb 2025 21:54

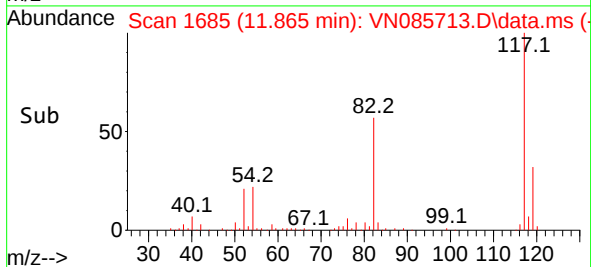
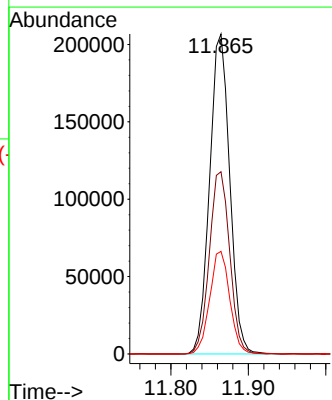
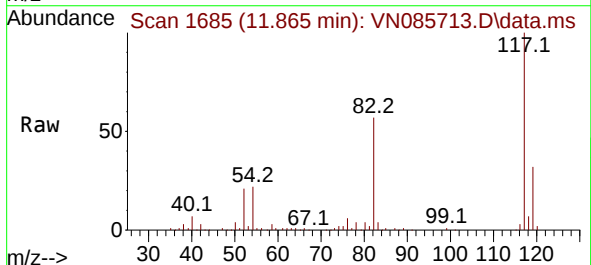
Instrument :
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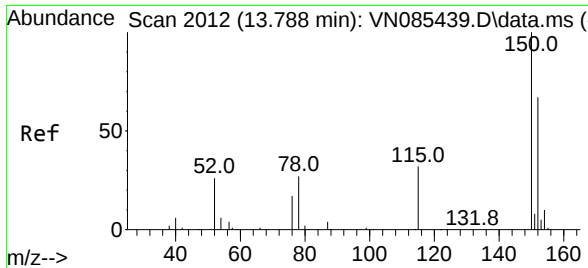
Tgt Ion: 95 Resp: 143029
Ion Ratio Lower Upper
95 100
174 77.5 0.0 145.0
176 74.4 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085713.D
Acq: 07 Feb 2025 21:54

Tgt Ion: 117 Resp: 372752
Ion Ratio Lower Upper
117 100
82 57.0 48.6 72.8
119 32.0 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: VN085713.D
 Acq: 07 Feb 2025 21:54

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-6

Tgt Ion:152 Resp: 130978
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.1 93.3
 150 157.4 0.0 343.6

