

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060325\
 Data File : VN086856.D
 Acq On : 03 Jun 2025 20:36
 Operator : JC\MD
 Sample : Q2177-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-187-SB02

Quant Time: Jun 04 03:34:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

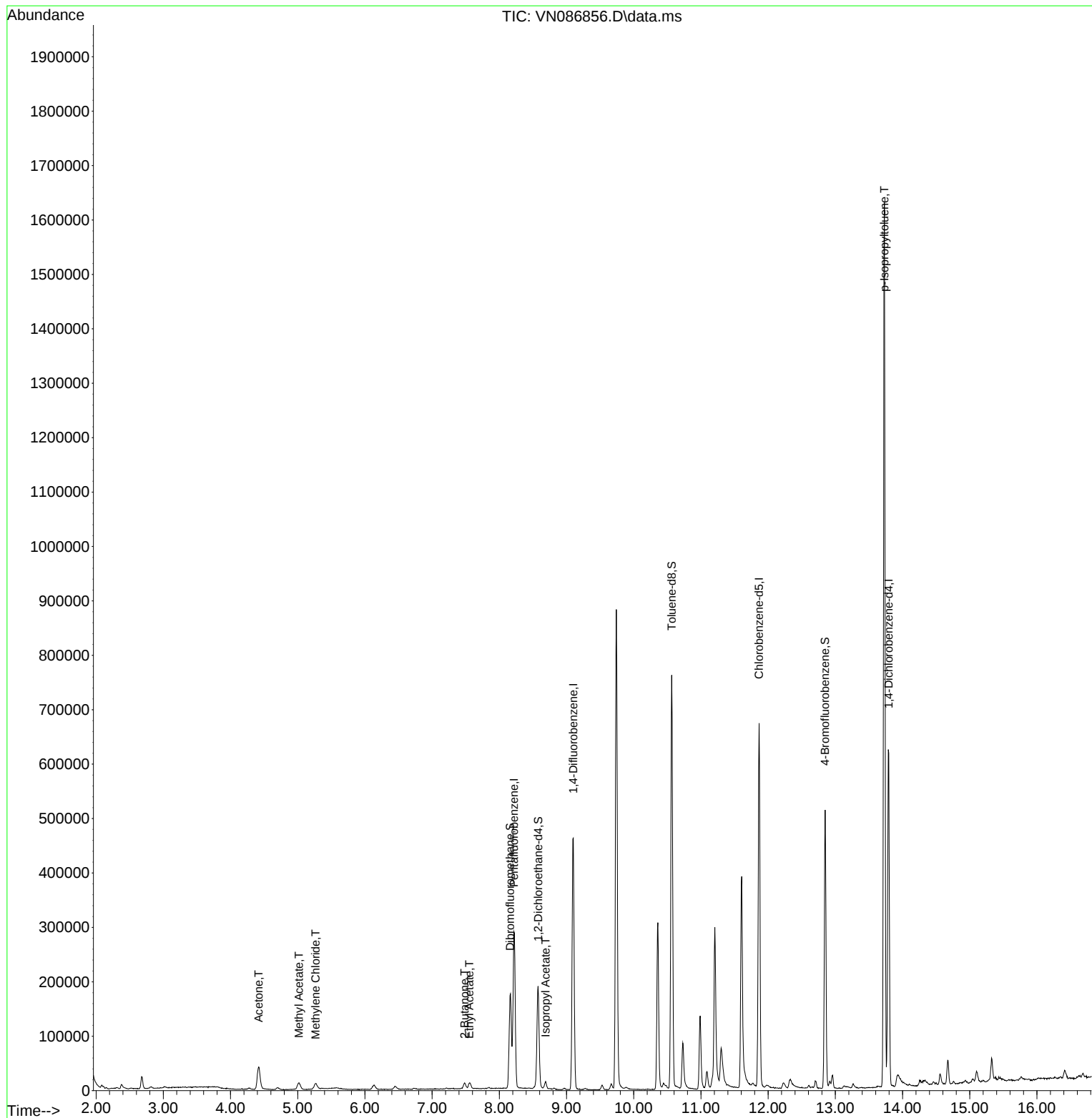
Internal Standards						
1) Pentafluorobenzene	8.218	168	221135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	428494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	404884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	181011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154873	50.684	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.360%		
35) Dibromofluoromethane	8.159	113	135623	53.147	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.300%		
50) Toluene-d8	10.565	98	551649	52.165	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.340%		
62) 4-Bromofluorobenzene	12.847	95	198824	53.247	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 106.500%		
Target Compounds						
						Qvalue
16) Acetone	4.418	43	81184	71.025	ug/l	95
18) Methyl Acetate	5.018	43	27122	8.478	ug/l	98
20) Methylene Chloride	5.265	84	8811	2.921	ug/l	92
25) 2-Butanone	7.483	43	18128	10.263	ug/l	97
37) Ethyl Acetate	7.553	43	16457	4.328	ug/l	98
43) Isopropyl Acetate	8.688	43	13913	1.825	ug/l	94
86) p-Isopropyltoluene	13.729	119	985932	91.836	ug/l	100

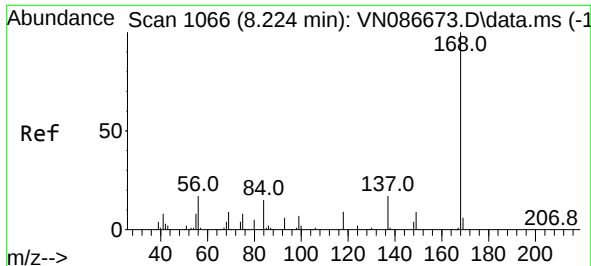
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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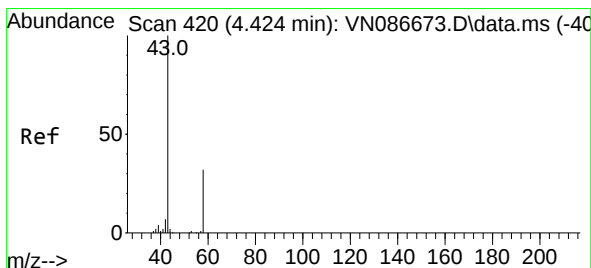
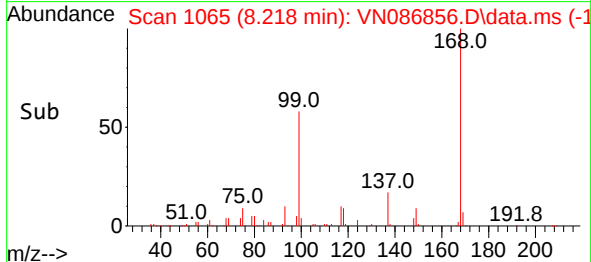
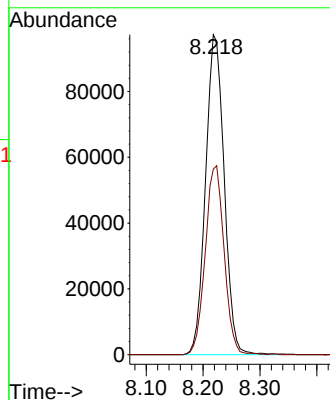
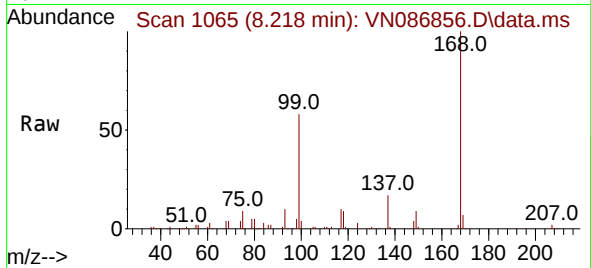




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

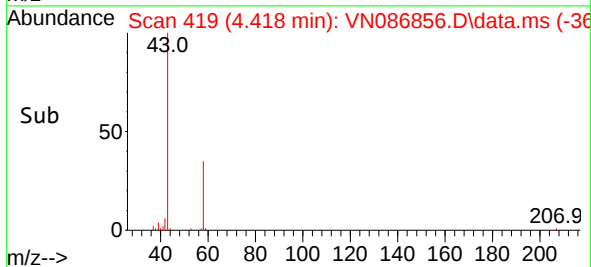
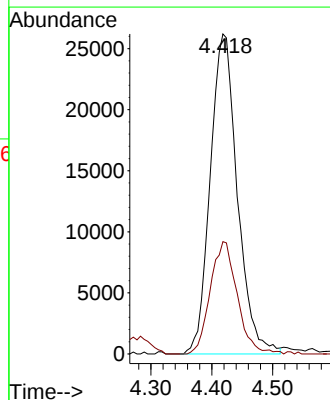
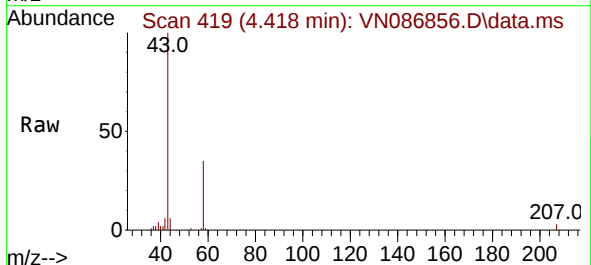
Instrument :
MSVOA_N
ClientSampleId :
B-187-SB02

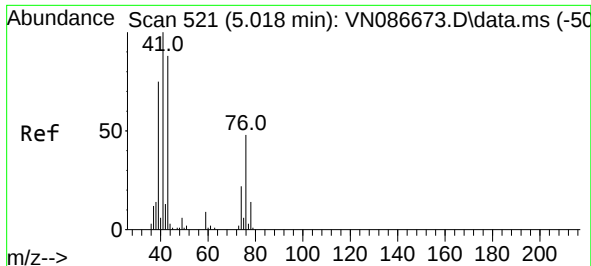
Tgt Ion:168 Resp: 221135
Ion Ratio Lower Upper
168 100
99 58.0 47.0 70.4



#16
Acetone
Concen: 71.025 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

Tgt Ion: 43 Resp: 81184
Ion Ratio Lower Upper
43 100
58 35.1 25.8 38.6

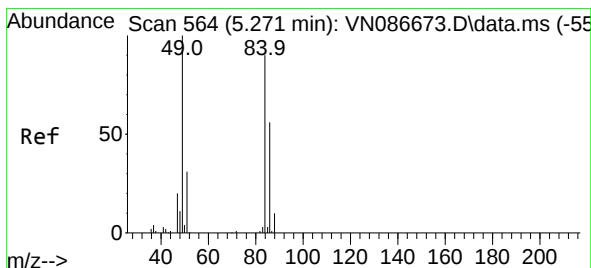
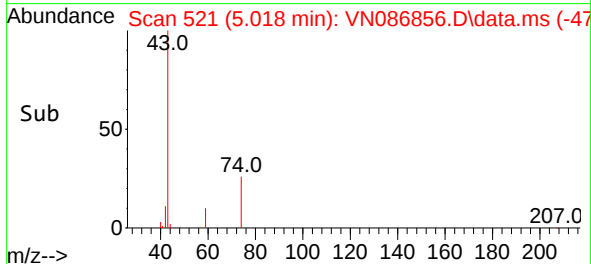
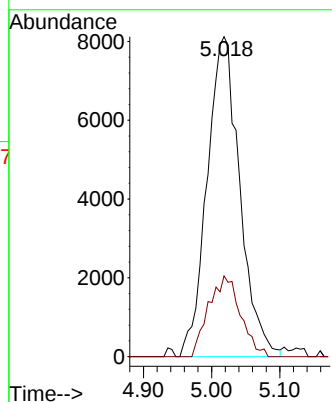
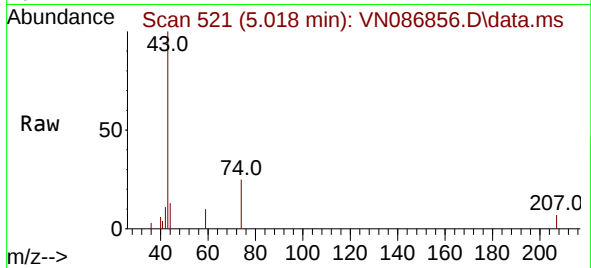




#18
Methyl Acetate
Concen: 8.478 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

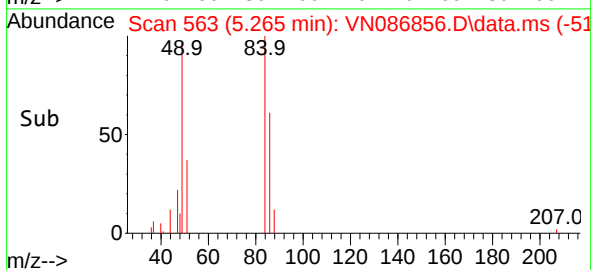
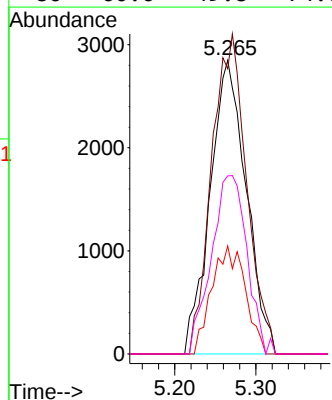
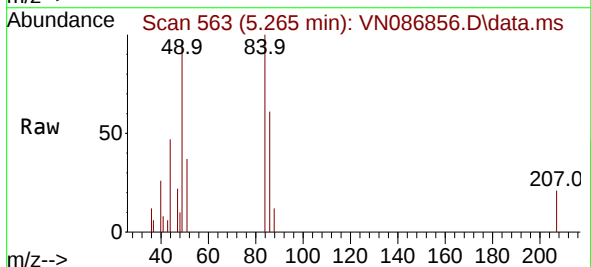
Instrument :
MSVOA_N
ClientSampleId :
B-187-SB02

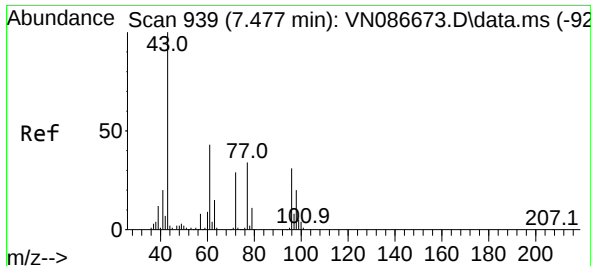
Tgt Ion: 43 Resp: 27122
Ion Ratio Lower Upper
43 100
74 24.5 20.5 30.7



#20
Methylene Chloride
Concen: 2.921 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.006 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

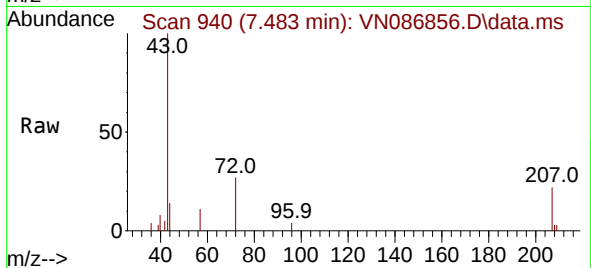
Tgt Ion: 84 Resp: 8811
Ion Ratio Lower Upper
84 100
49 97.2 88.8 133.2
51 36.8 27.8 41.6
86 60.6 49.8 74.6



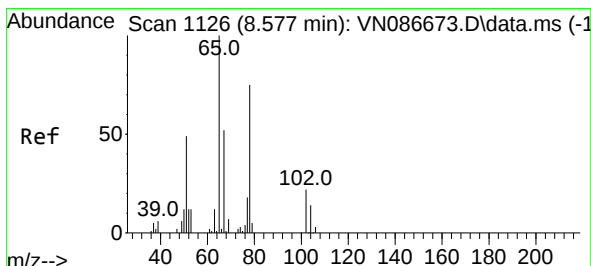
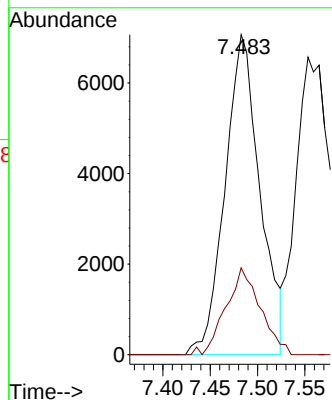
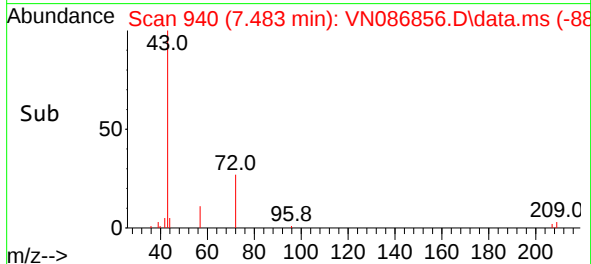


#25
2-Butanone
Concen: 10.263 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

Instrument :
MSVOA_N
ClientSampleId :
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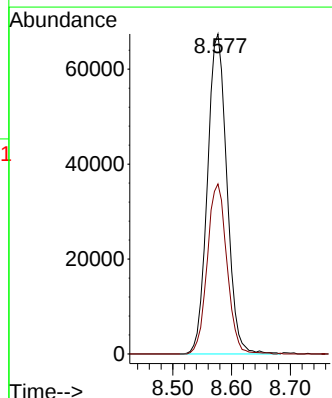
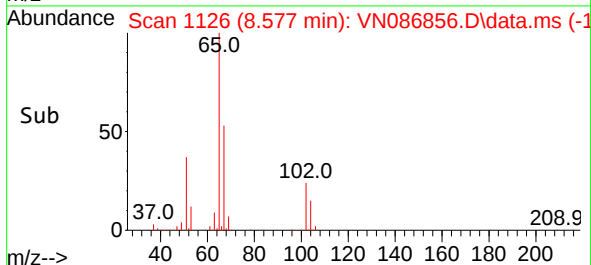
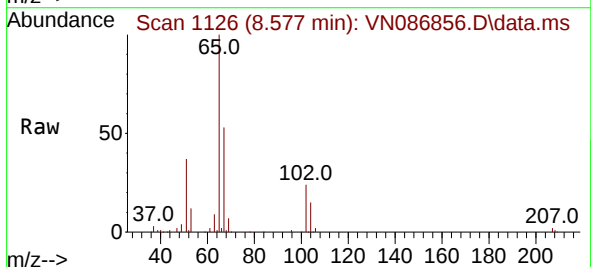


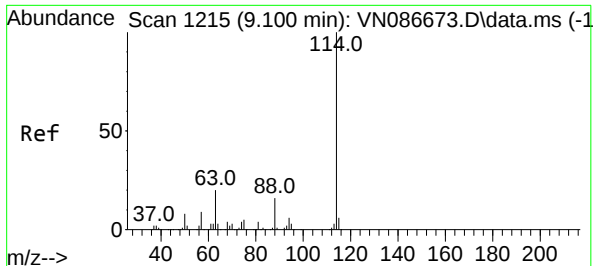
Tgt Ion: 43 Resp: 18128
Ion Ratio Lower Upper
43 100
72 27.2 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 50.684 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

Tgt Ion: 65 Resp: 154873
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.4

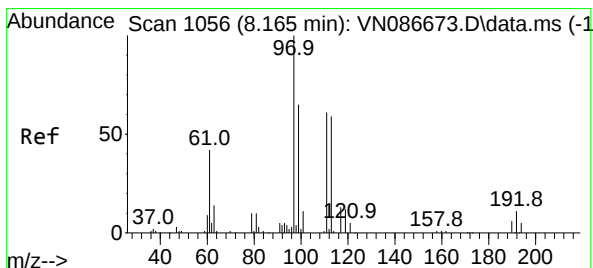
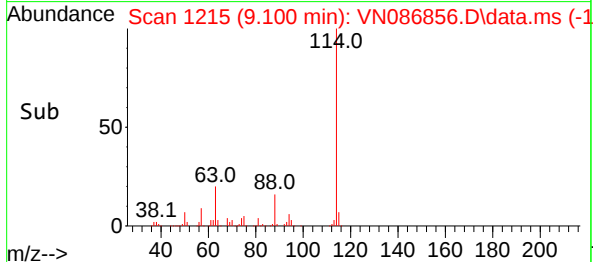
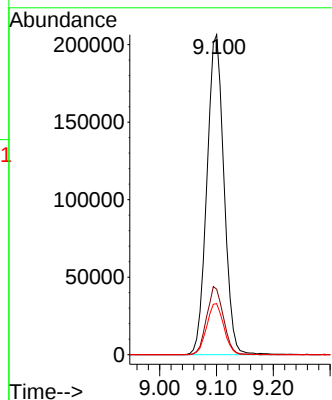
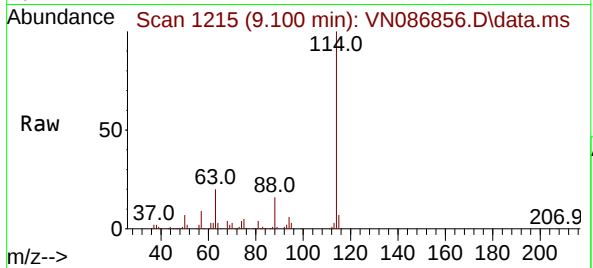




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

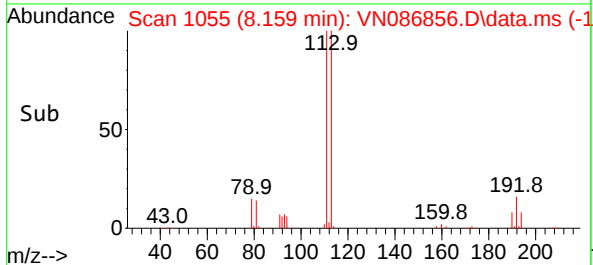
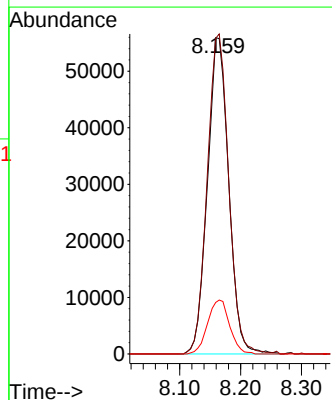
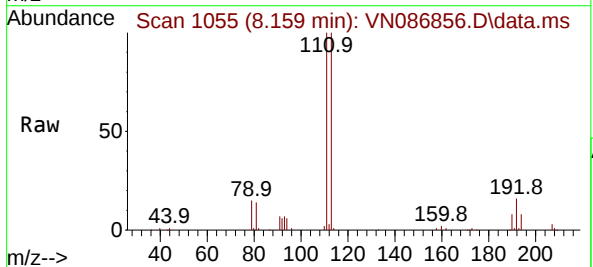
Instrument :
MSVOA_N
ClientSampleId :
B-187-SB02

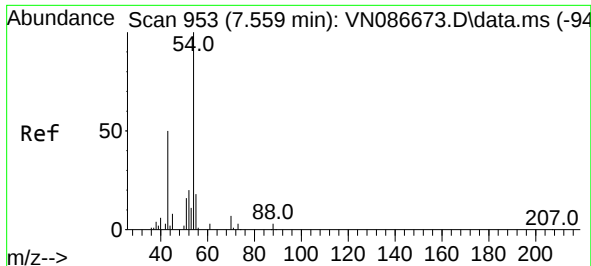
Tgt Ion:114 Resp: 428494
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.2
88 15.9 0.0 31.2



#35
Dibromofluoromethane
Concen: 53.147 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

Tgt Ion:113 Resp: 135623
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.6 13.8 20.8

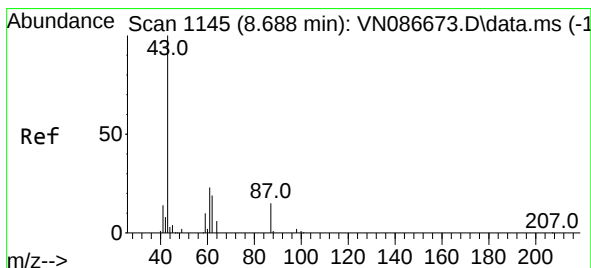
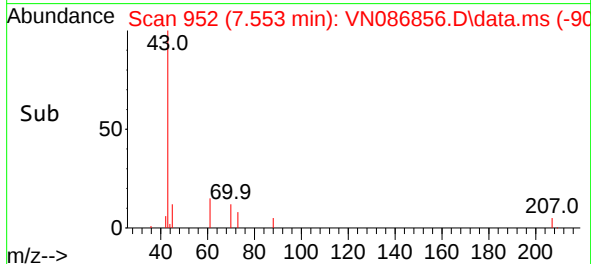
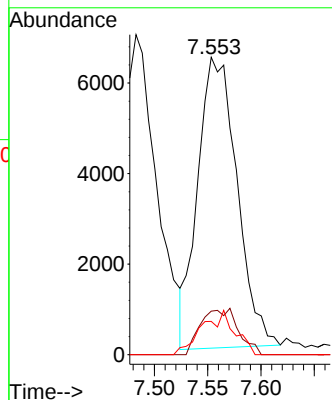
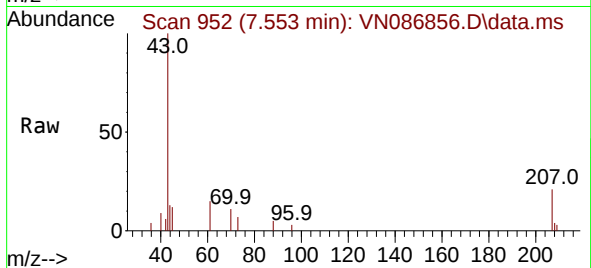




#37
Ethyl Acetate
Concen: 4.328 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

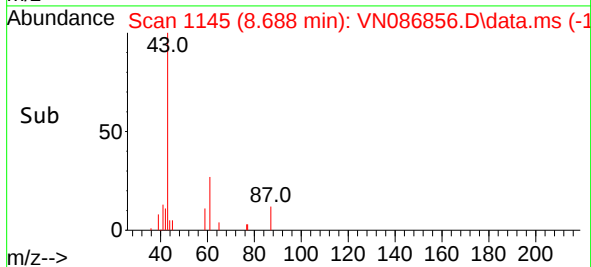
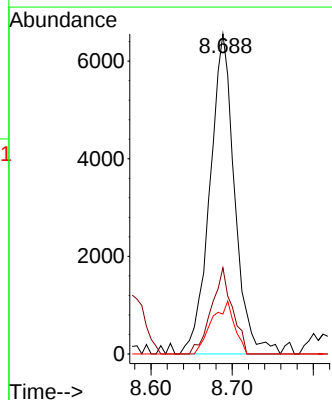
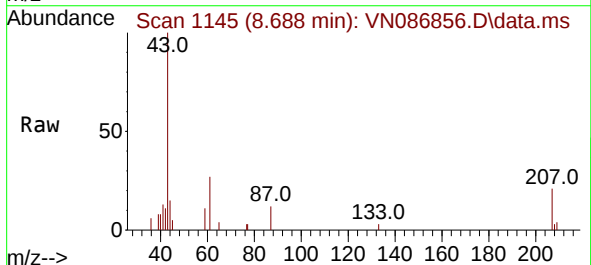
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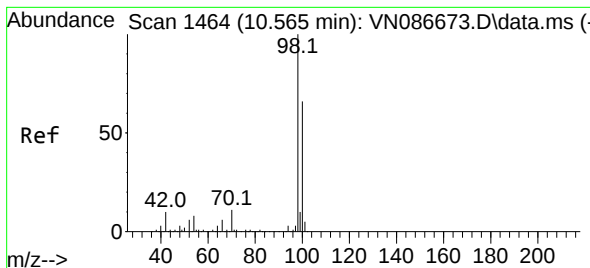
Tgt Ion:	43	Resp:	16457
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.6	17.4
70	12.8	9.4	14.0



#43
Isopropyl Acetate
Concen: 1.825 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

Tgt Ion:	43	Resp:	13913
Ion	Ratio	Lower	Upper
43	100		
61	22.6	21.4	32.2
87	15.0	11.1	16.7

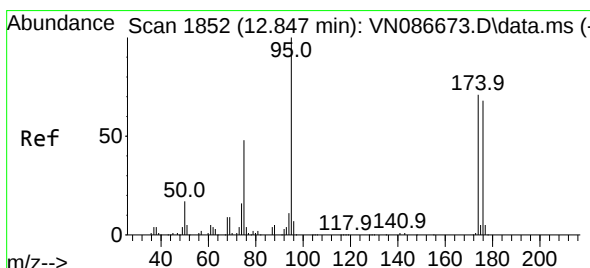
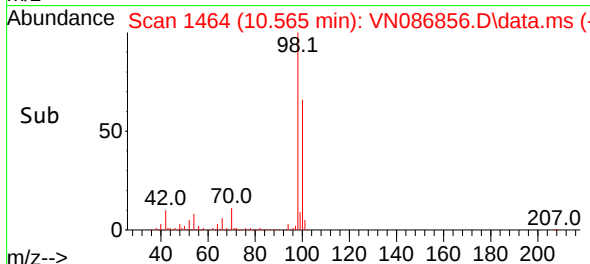
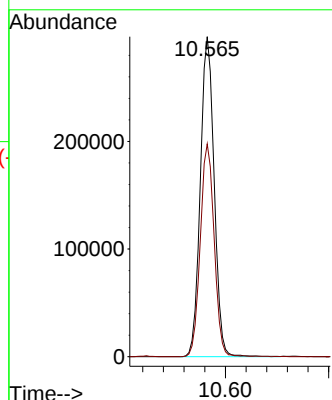
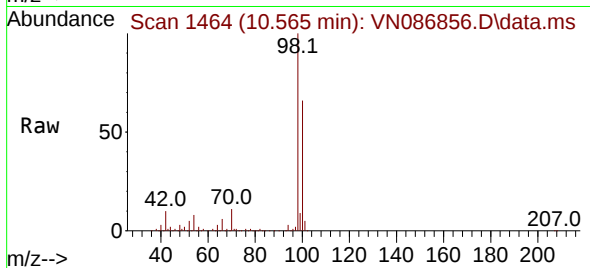




#50
Toluene-d8
Concen: 52.165 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

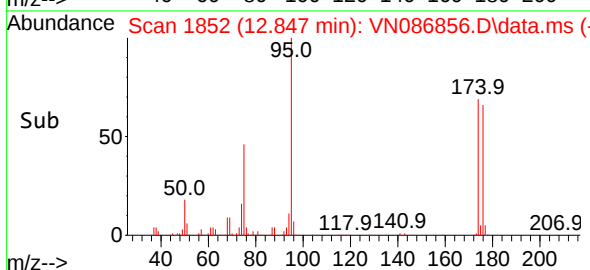
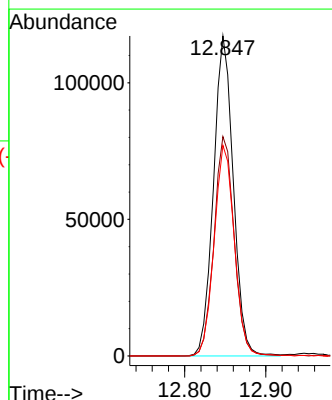
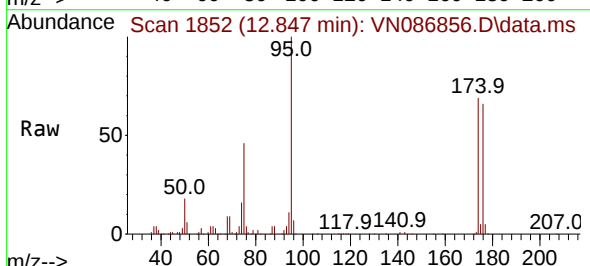
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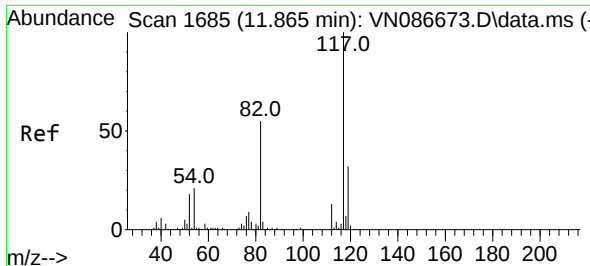
Tgt Ion: 98 Resp: 551649
Ion Ratio Lower Upper
98 100
100 66.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 53.247 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

Tgt Ion: 95 Resp: 198824
Ion Ratio Lower Upper
95 100
174 69.4 0.0 145.4
176 67.2 0.0 137.8

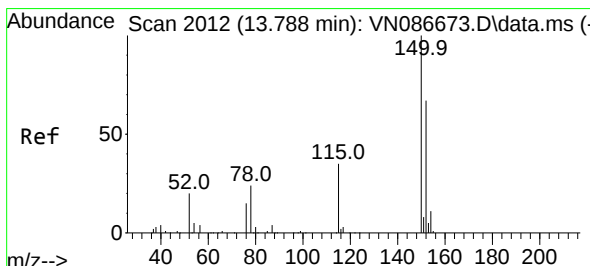
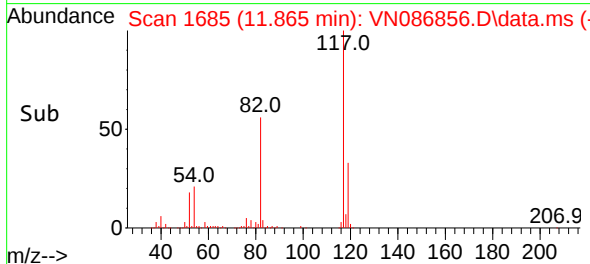
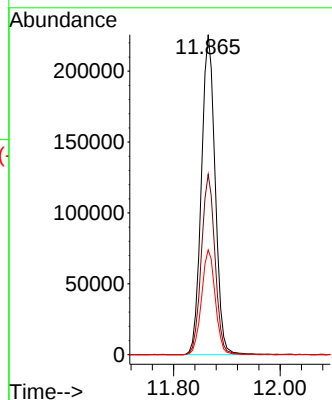
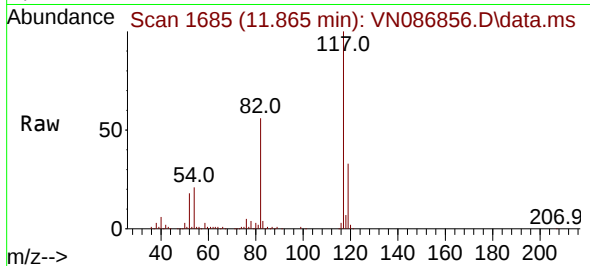




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

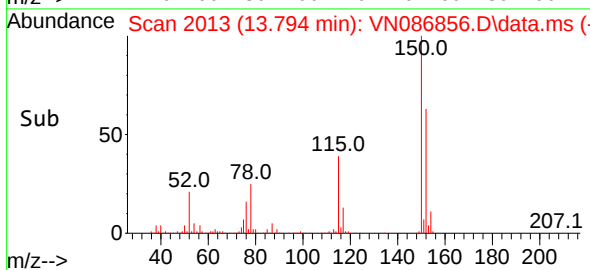
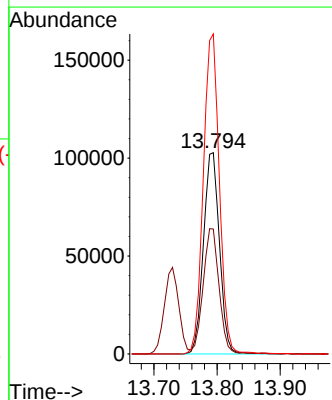
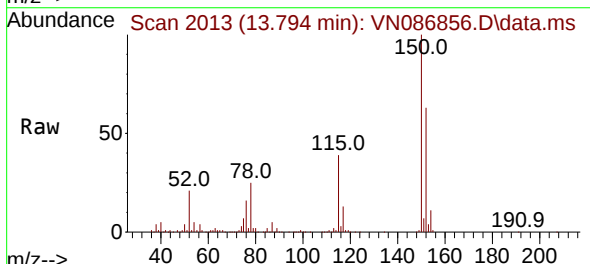
Instrument :
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ClientSampleId :
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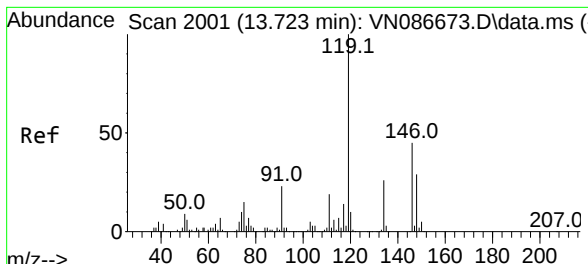
Tgt Ion:117 Resp: 404884
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN086856.D
Acq: 03 Jun 2025 20:36

Tgt Ion:152 Resp: 181011
Ion Ratio Lower Upper
152 100
115 61.8 30.0 90.1
150 159.1 0.0 347.8





#86
 p-Isopropyltoluene
 Concen: 91.836 ug/l
 RT: 13.729 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN086856.D
 Acq: 03 Jun 2025 20:36

Instrument :
 MSVOA_N
 ClientSampleId :
 B-187-SB02

Tgt Ion:119 Resp: 985932
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 22.9 11.5 34.5

