

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086685.D
 Acq On : 19 May 2025 13:26
 Operator : JC\MD
 Sample : PB168034ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034ZHE#02

Quant Time: May 20 03:18:04 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)

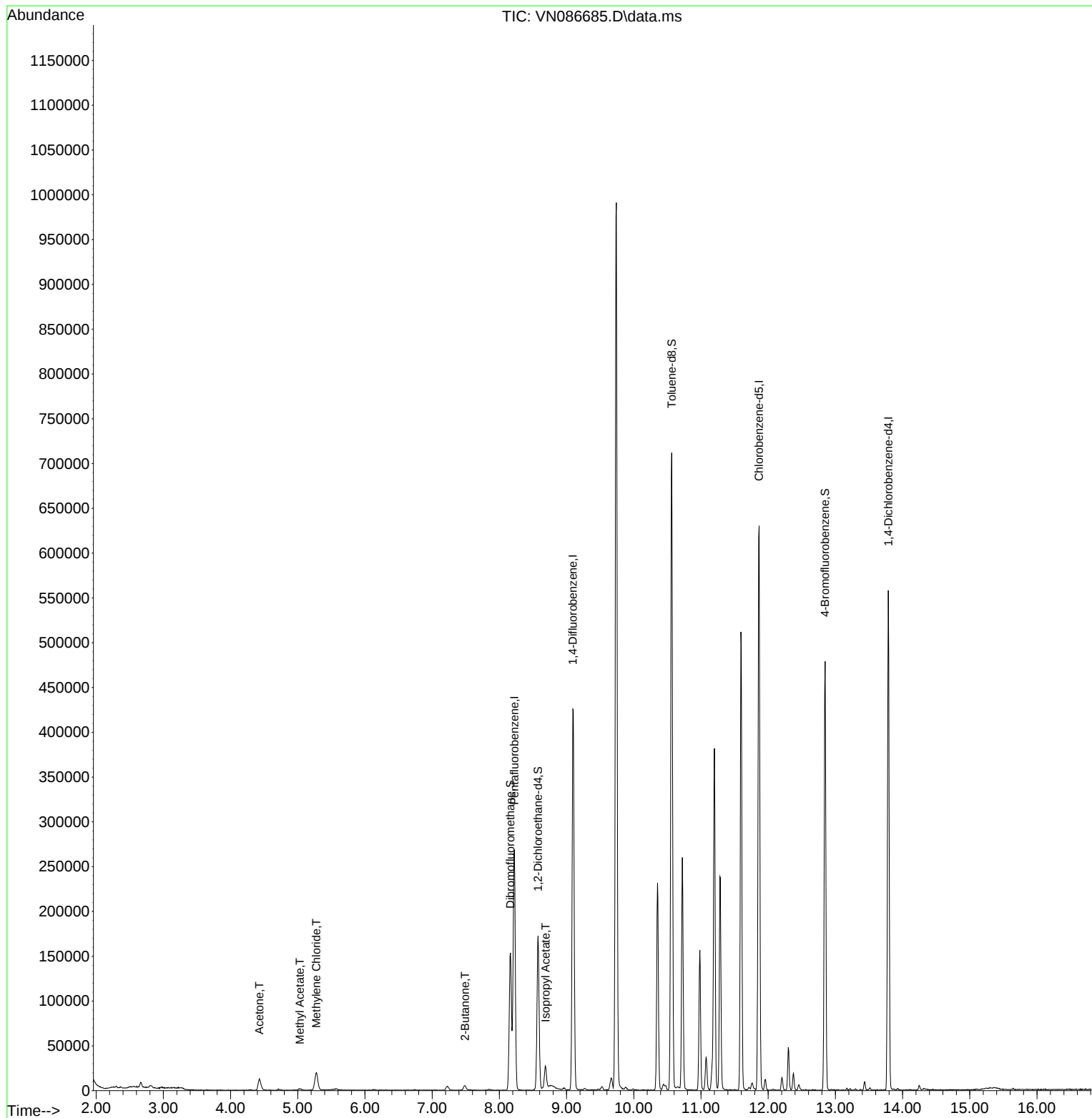
Internal Standards						
1) Pentafluorobenzene	8.224	168	203542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	387838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141560	50.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.660%	
35) Dibromofluoromethane	8.165	113	115538	50.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.040%	
50) Toluene-d8	10.565	98	504636	52.722	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.440%	
62) 4-Bromofluorobenzene	12.847	95	181407	53.675	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.360%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	24847	23.617	ug/l	97
18) Methyl Acetate	5.030	43	3327	1.130	ug/l #	89
20) Methylene Chloride	5.277	84	16796	6.050	ug/l	96
25) 2-Butanone	7.489	43	9778	6.014	ug/l	91
43) Isopropyl Acetate	8.688	43	34085	4.940	ug/l #	86

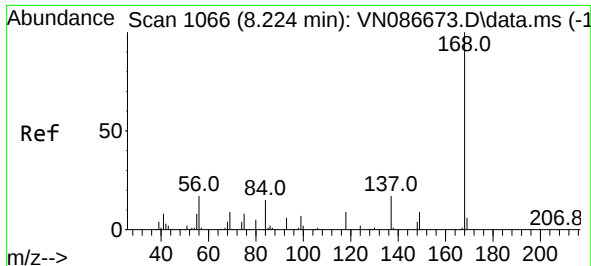
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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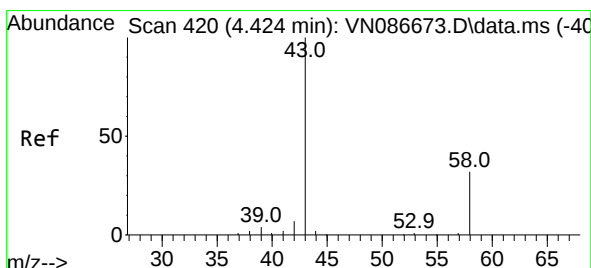
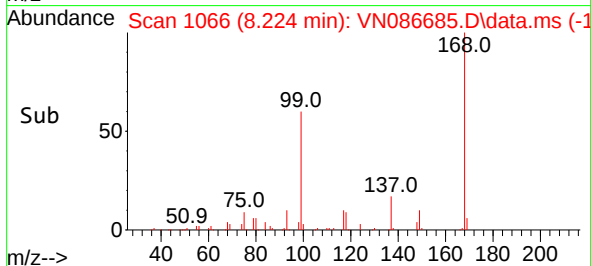
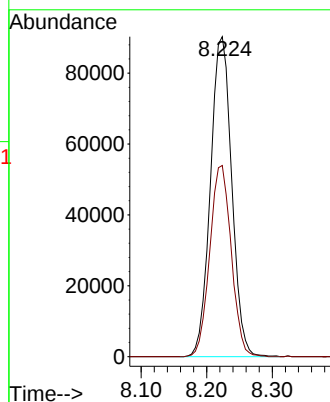
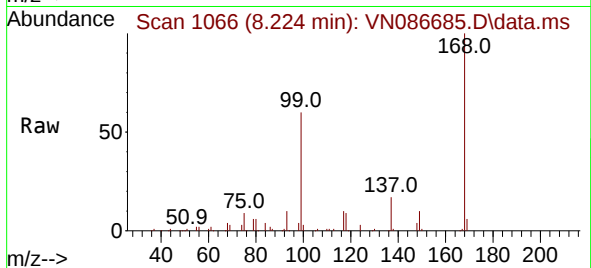




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

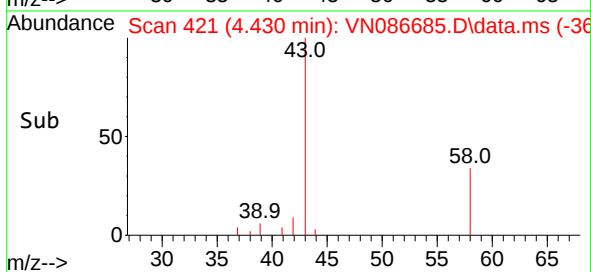
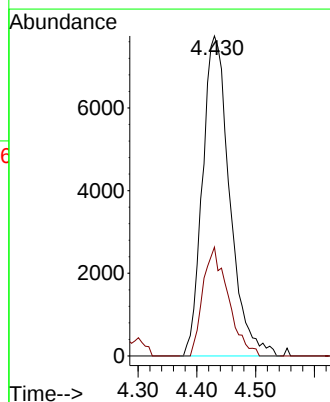
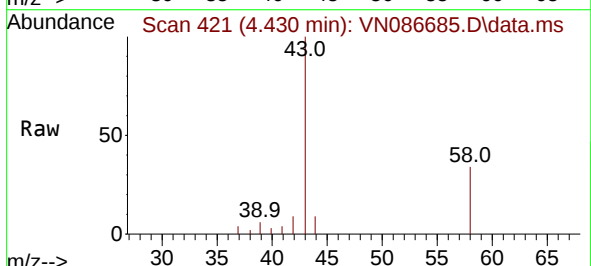
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#02

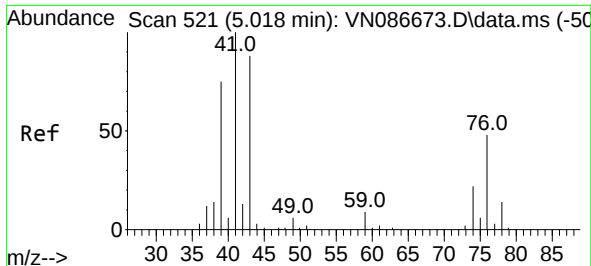
Tgt Ion:168 Resp: 203542
Ion Ratio Lower Upper
168 100
99 59.8 47.0 70.4



#16
Acetone
Concen: 23.617 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

Tgt Ion: 43 Resp: 24847
Ion Ratio Lower Upper
43 100
58 34.0 25.8 38.6

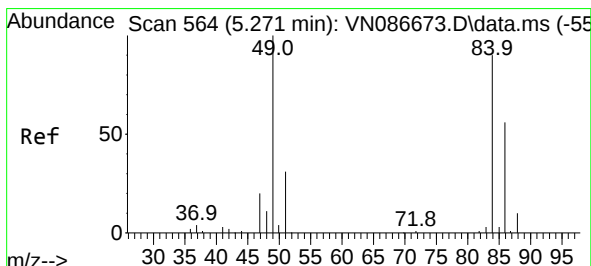
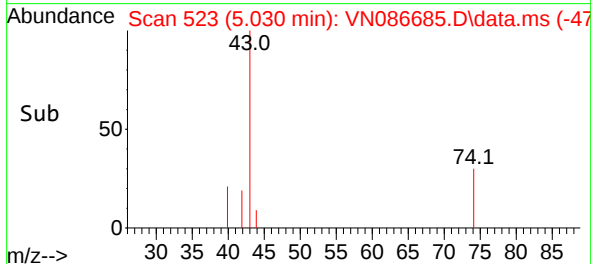
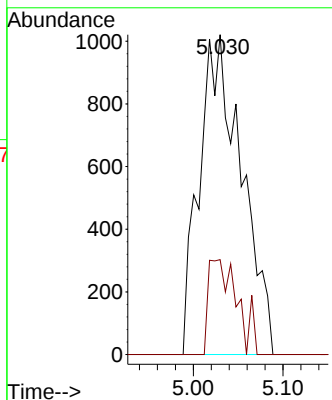
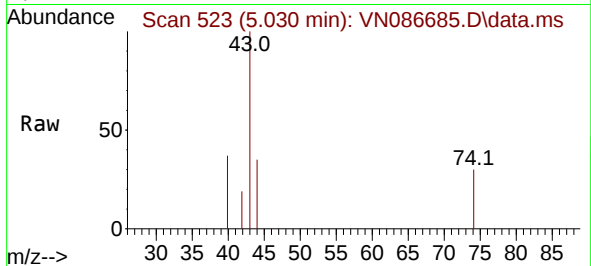




#18
Methyl Acetate
Concen: 1.130 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

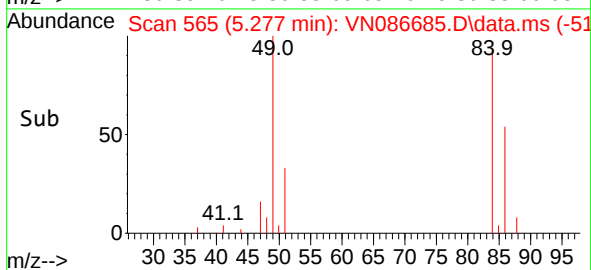
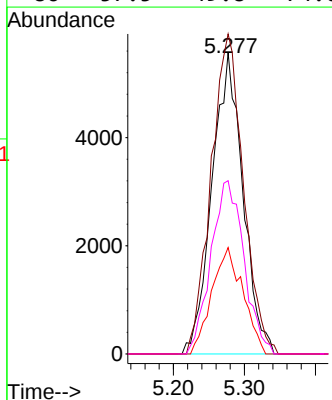
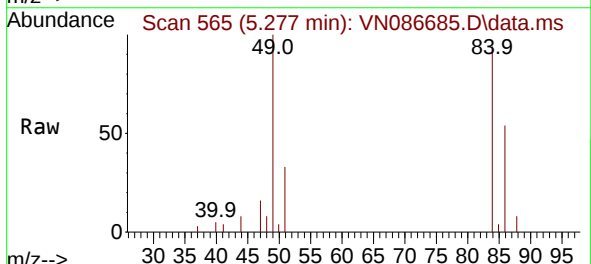
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#02

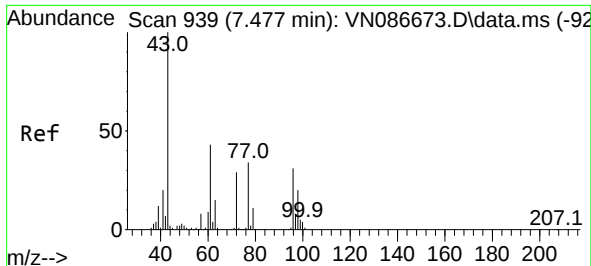
Tgt Ion: 43 Resp: 3327
Ion Ratio Lower Upper
43 100
74 20.3 20.5 30.7#



#20
Methylene Chloride
Concen: 6.050 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

Tgt Ion: 84 Resp: 16796
Ion Ratio Lower Upper
84 100
49 106.2 88.8 133.2
51 35.3 27.8 41.6
86 57.5 49.8 74.6

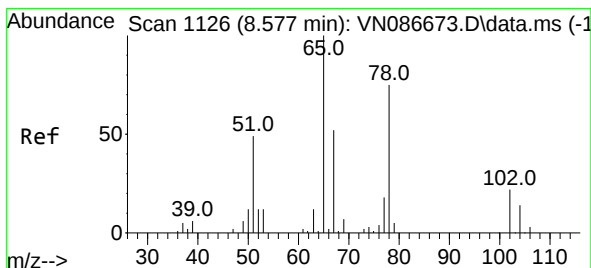
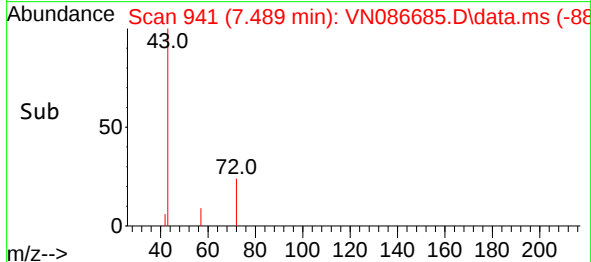
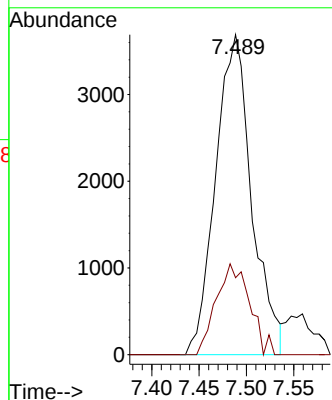
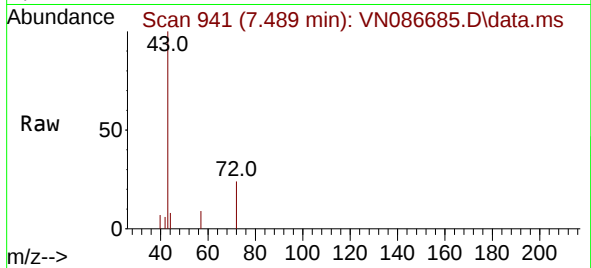




#25
2-Butanone
Concen: 6.014 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

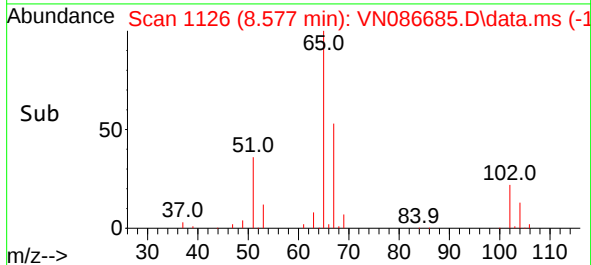
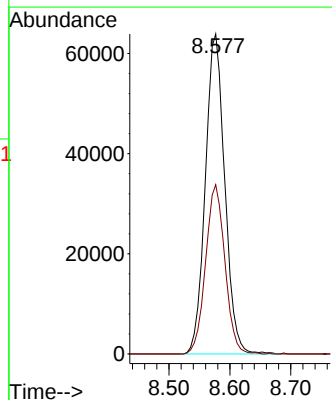
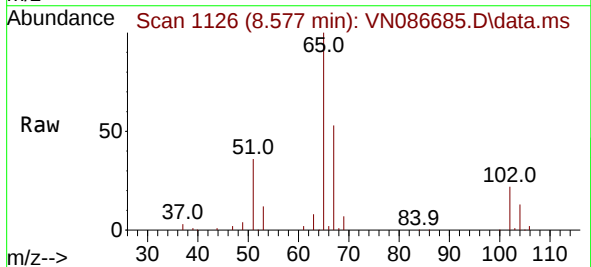
Instrument :
MSVOA_N
ClientSampleId :
PB168034ZHE#02

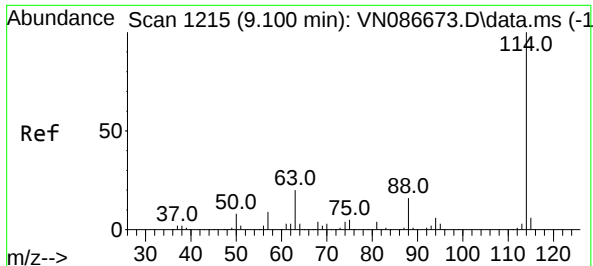
Tgt Ion: 43 Resp: 9778
Ion Ratio Lower Upper
43 100
72 24.1 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 50.331 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

Tgt Ion: 65 Resp: 141560
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4

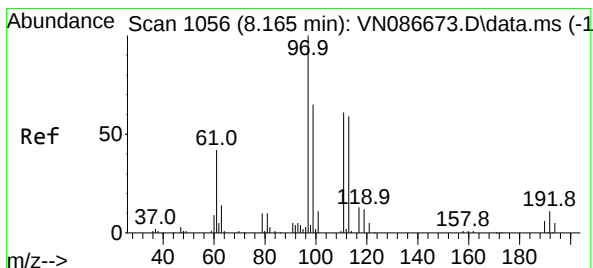
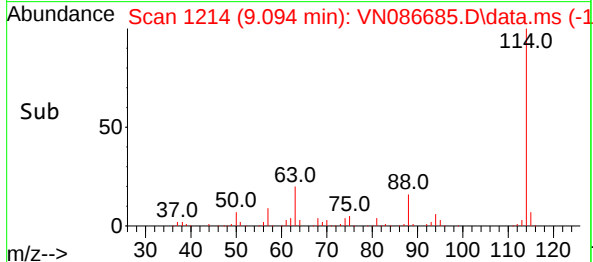
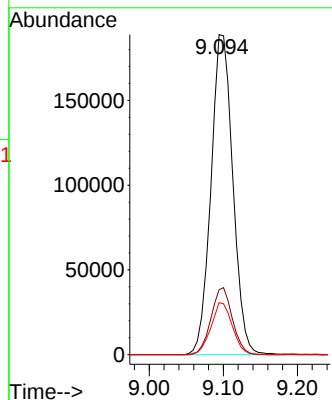
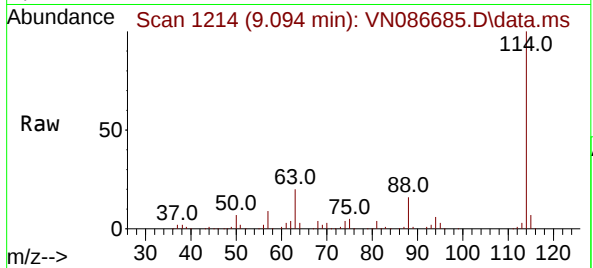




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

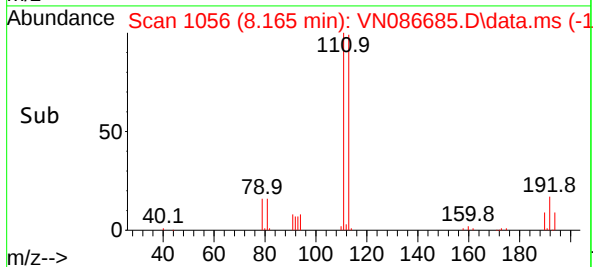
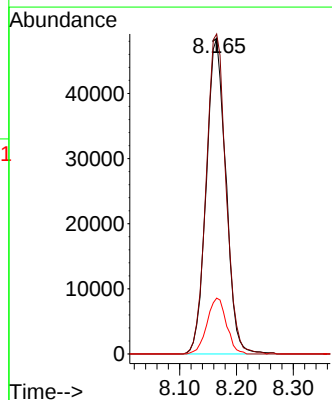
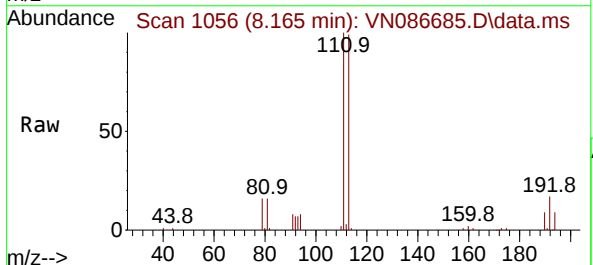
Instrument :
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ClientSampleId :
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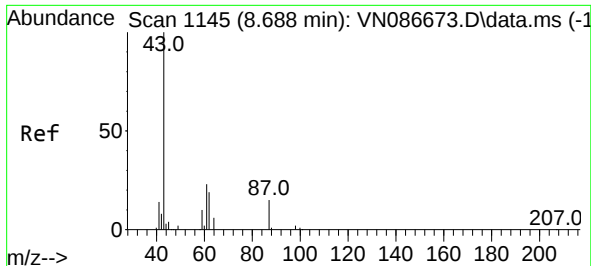
Tgt Ion:114 Resp: 387838
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 16.3 0.0 31.2



#35
Dibromofluoromethane
Concen: 50.022 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

Tgt Ion:113 Resp: 115538
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.6 13.8 20.8

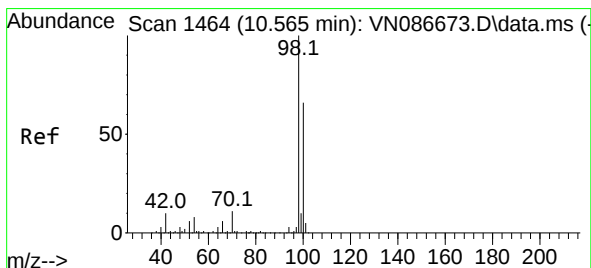
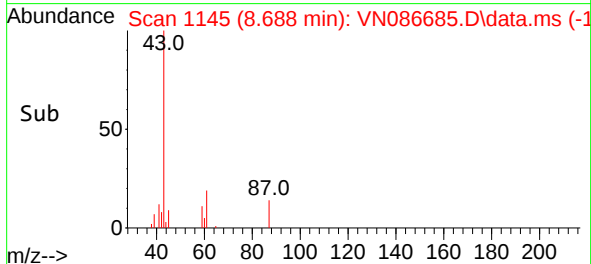
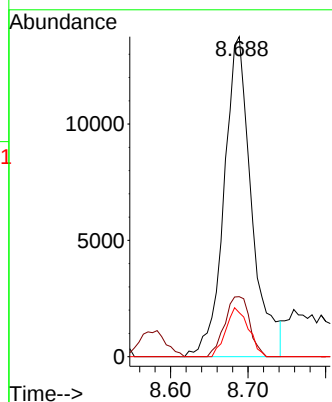
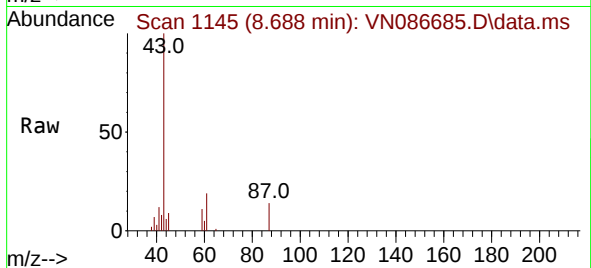




#43
Isopropyl Acetate
Concen: 4.940 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

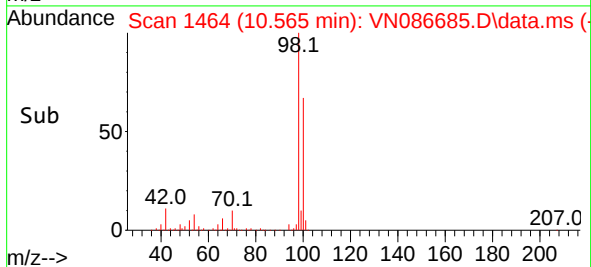
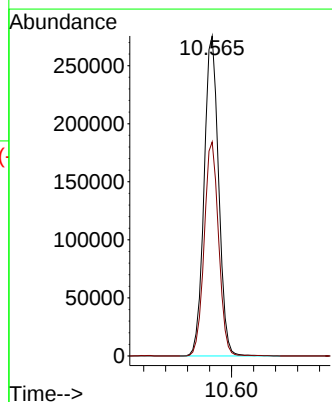
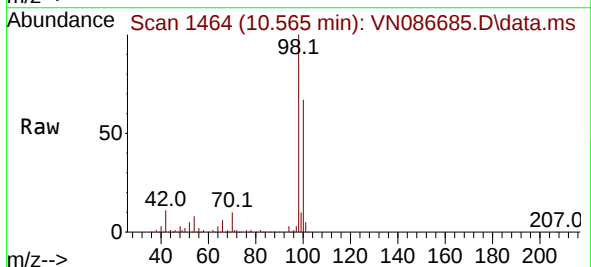
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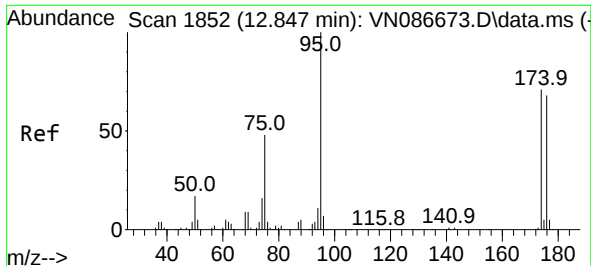
Tgt Ion: 43 Resp: 34085
Ion Ratio Lower Upper
43 100
61 17.0 21.4 32.2#
87 12.5 11.1 16.7



#50
Toluene-d8
Concen: 52.722 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

Tgt Ion: 98 Resp: 504636
Ion Ratio Lower Upper
98 100
100 66.5 52.9 79.3

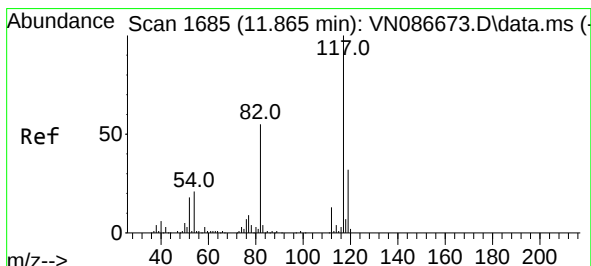
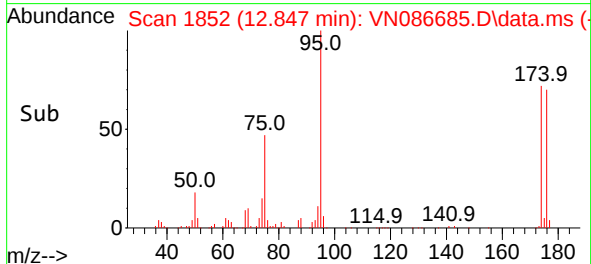
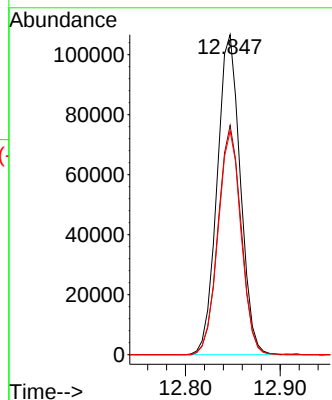
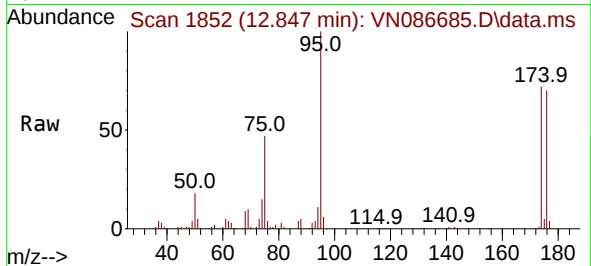




#62
4-Bromofluorobenzene
Concen: 53.675 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

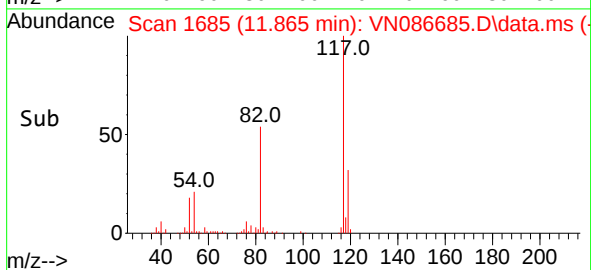
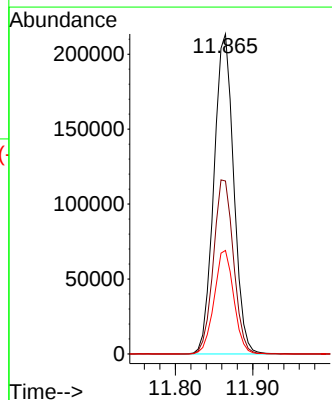
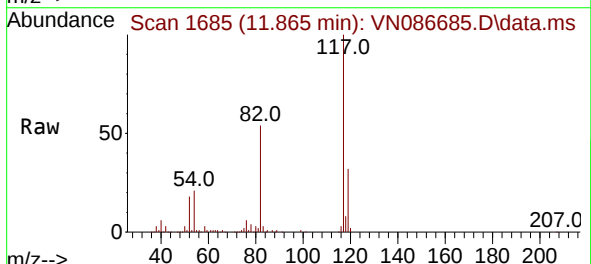
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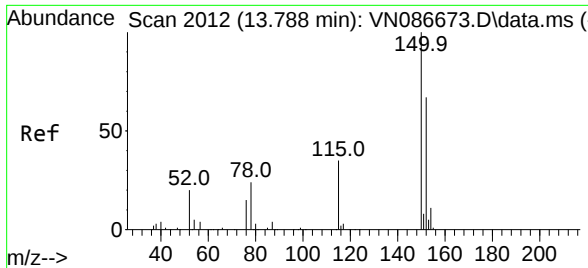
Tgt Ion: 95 Resp: 181407
Ion Ratio Lower Upper
95 100
174 71.2 0.0 145.4
176 69.5 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

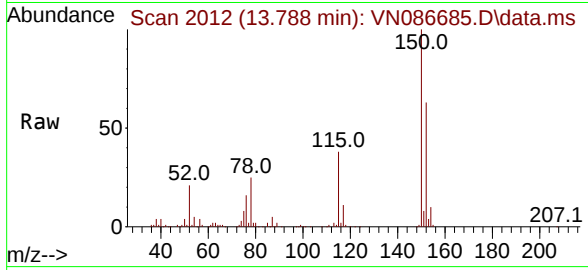
Tgt Ion: 117 Resp: 379048
Ion Ratio Lower Upper
117 100
82 54.1 44.2 66.2
119 32.4 25.4 38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086685.D
Acq: 19 May 2025 13:26

Instrument :
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Tgt Ion:152 Resp: 155368
Ion Ratio Lower Upper
152 100
115 61.5 30.0 90.1
150 158.5 0.0 347.8

