

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086683.D
 Acq On : 19 May 2025 12:38
 Operator : JC\MD
 Sample : PB168034TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034TB

Quant Time: May 20 03:17:07 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)

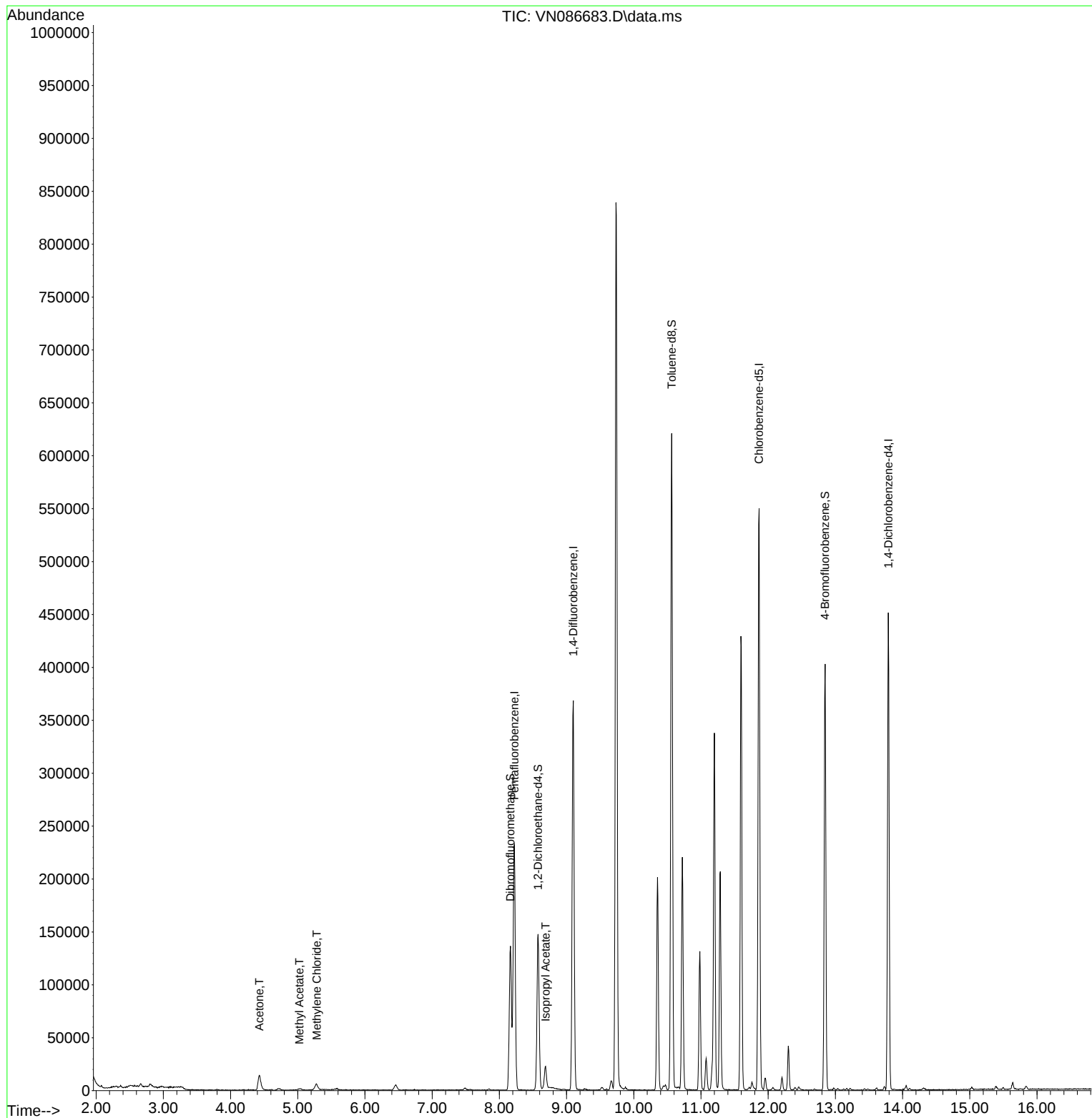
Internal Standards						
1) Pentafluorobenzene	8.224	168	176695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	336908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	330839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123384	50.534	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.060%		
35) Dibromofluoromethane	8.165	113	101650	50.662	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.320%		
50) Toluene-d8	10.565	98	440560	52.985	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.980%		
62) 4-Bromofluorobenzene	12.847	95	151480	51.596	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.200%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	27720	30.351	ug/l	98
18) Methyl Acetate	5.024	43	3059	1.197	ug/l #	87
20) Methylene Chloride	5.283	84	4455	1.848	ug/l #	95
43) Isopropyl Acetate	8.688	43	28435	4.745	ug/l #	86

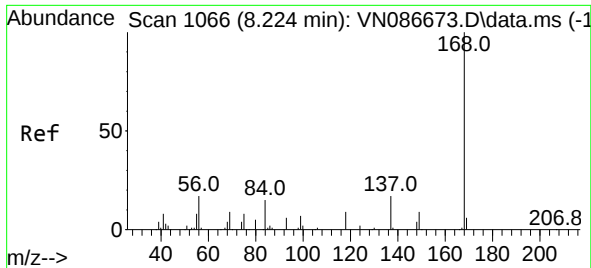
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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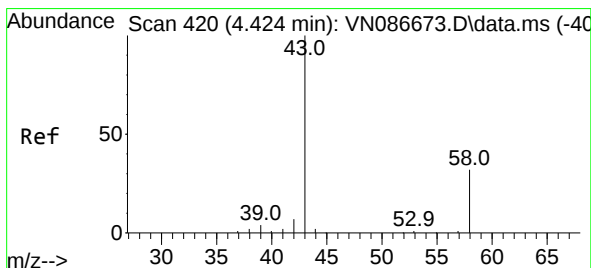
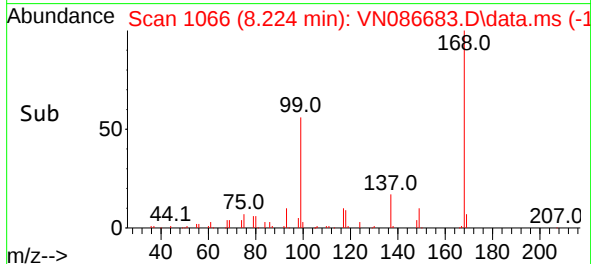
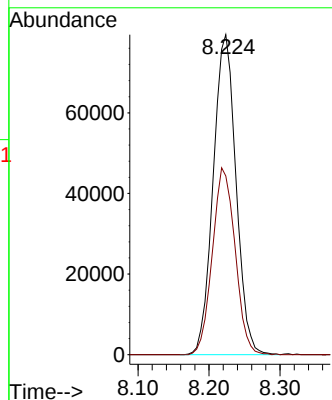
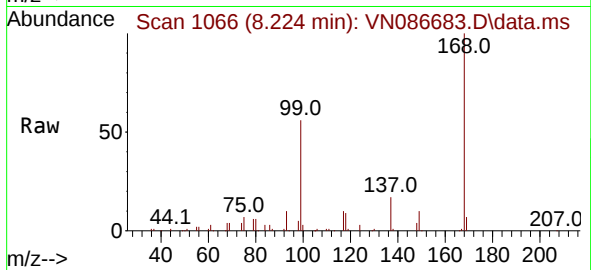




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086683.D
Acq: 19 May 2025 12:38

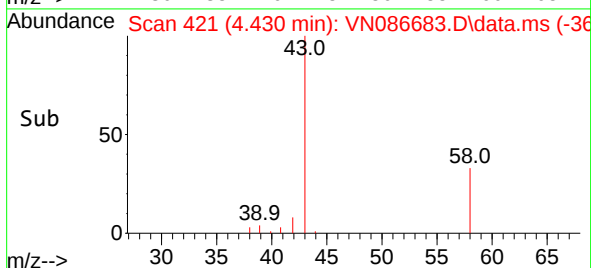
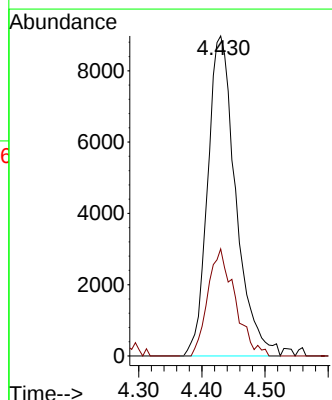
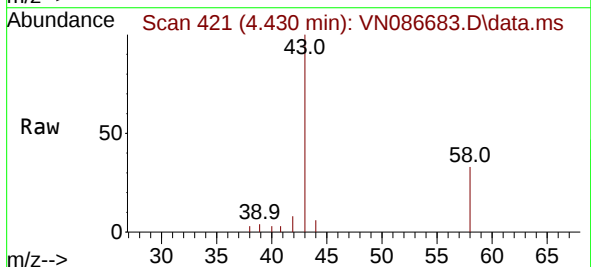
Instrument :
MSVOA_N
ClientSampleId :
PB168034TB

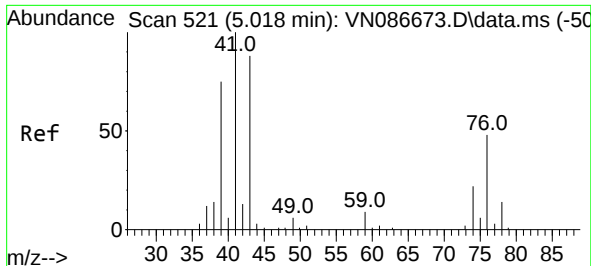
Tgt Ion:168 Resp: 176695
Ion Ratio Lower Upper
168 100
99 55.9 47.0 70.4



#16
Acetone
Concen: 30.351 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086683.D
Acq: 19 May 2025 12:38

Tgt Ion: 43 Resp: 27720
Ion Ratio Lower Upper
43 100
58 33.5 25.8 38.6

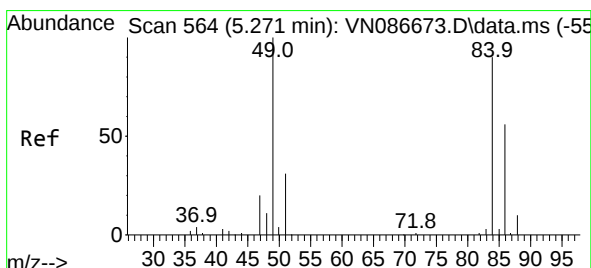
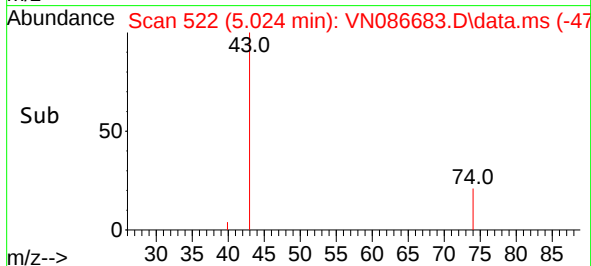
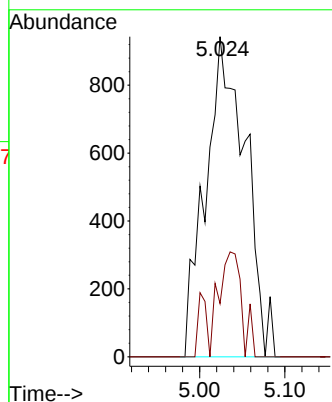
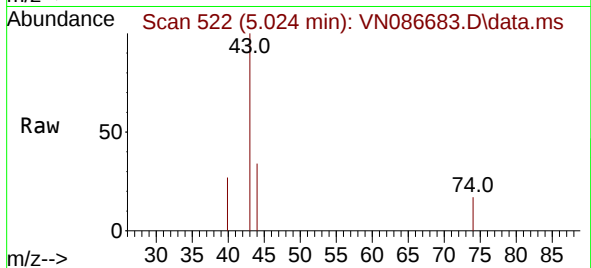




#18
Methyl Acetate
Concen: 1.197 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086683.D
Acq: 19 May 2025 12:38

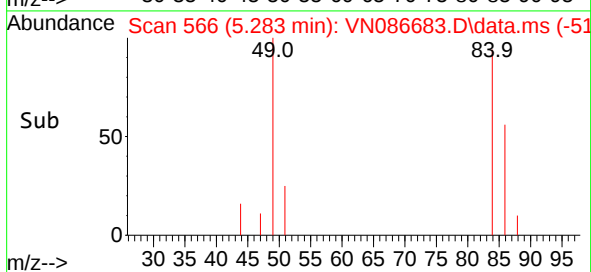
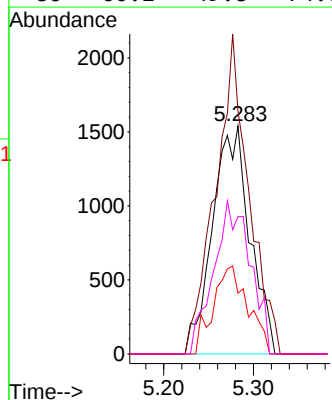
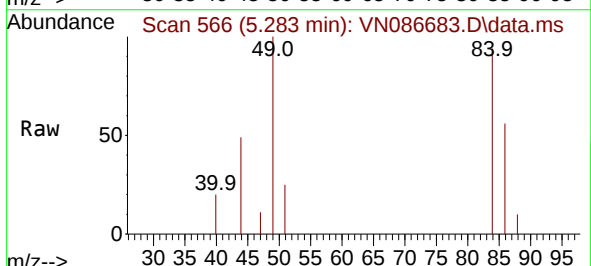
Instrument :
MSVOA_N
ClientSampleId :
PB168034TB

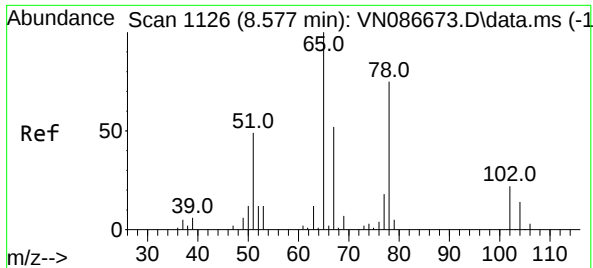
Tgt Ion: 43 Resp: 3059
Ion Ratio Lower Upper
43 100
74 18.9 20.5 30.7#



#20
Methylene Chloride
Concen: 1.848 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN086683.D
Acq: 19 May 2025 12:38

Tgt Ion: 84 Resp: 4455
Ion Ratio Lower Upper
84 100
49 106.7 88.8 133.2
51 26.7 27.8 41.6#
86 60.2 49.8 74.6

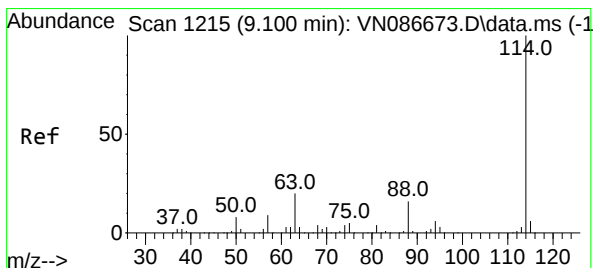
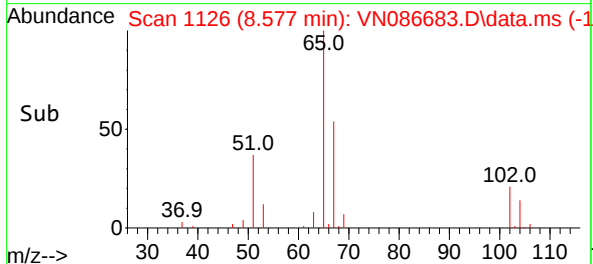
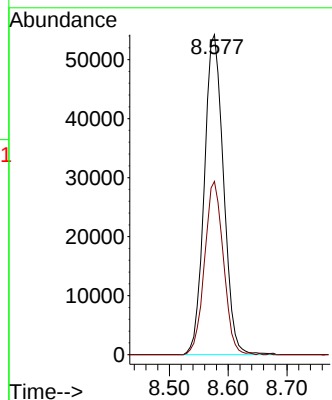
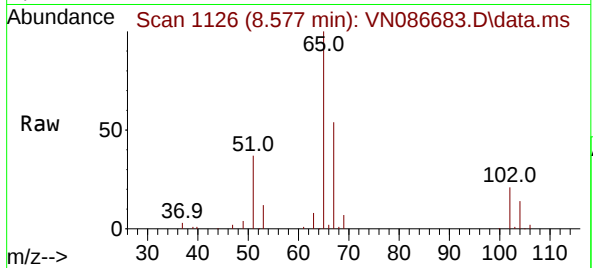




#33
 1,2-Dichloroethane-d4
 Concen: 50.534 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086683.D
 Acq: 19 May 2025 12:38

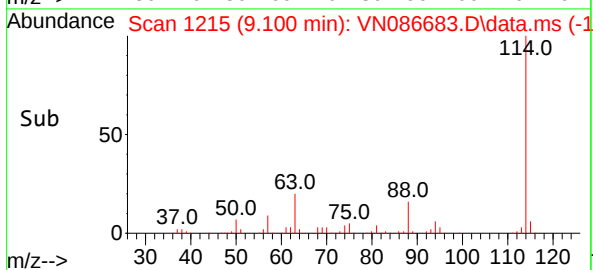
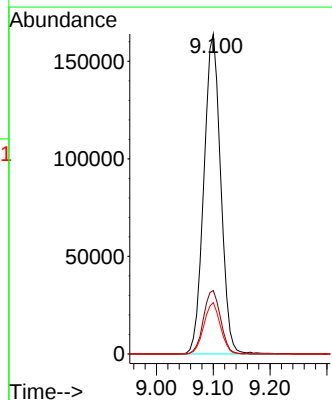
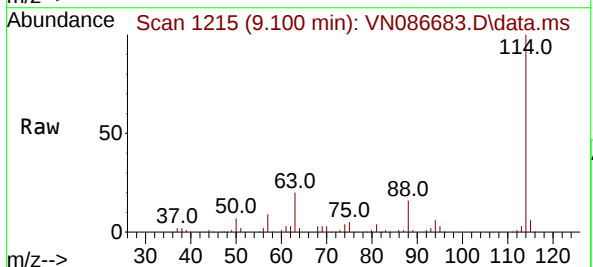
Instrument :
 MSVOA_N
 ClientSampleId :
 PB168034TB

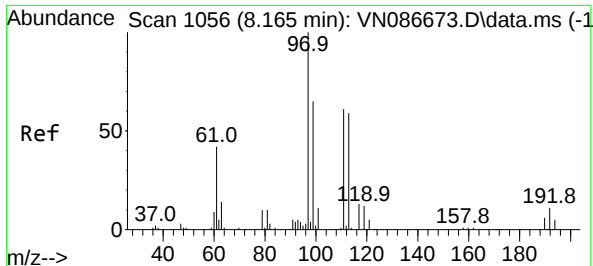
Tgt Ion: 65 Resp: 123384
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086683.D
 Acq: 19 May 2025 12:38

Tgt Ion: 114 Resp: 336908
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.2
 88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.662 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086683.D

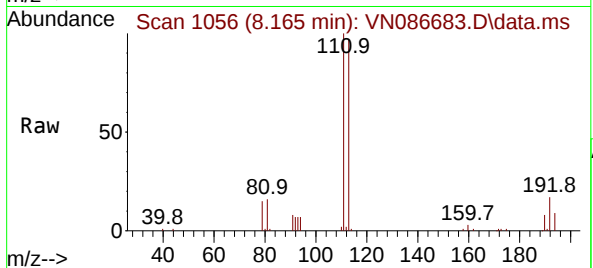
Acq: 19 May 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

PB168034TB



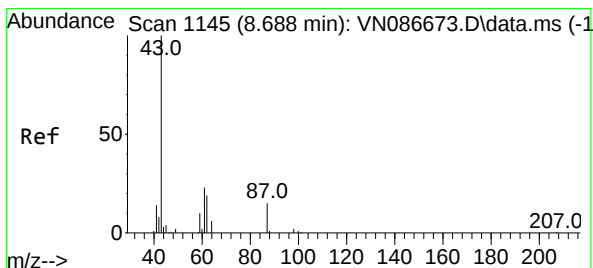
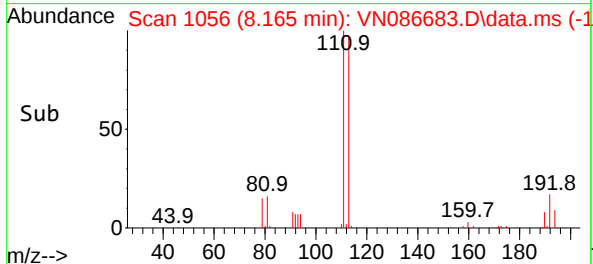
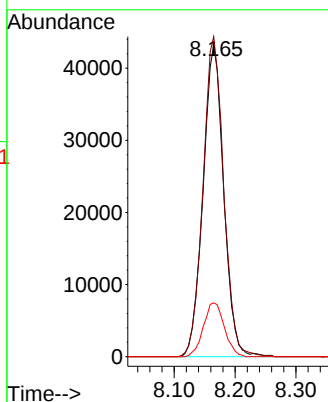
Tgt Ion:113 Resp: 101650

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 17.6 13.8 20.8



#43

Isopropyl Acetate

Concen: 4.745 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN086683.D

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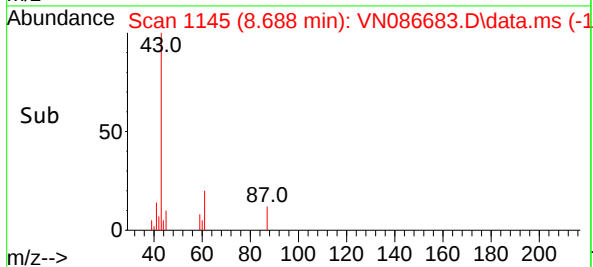
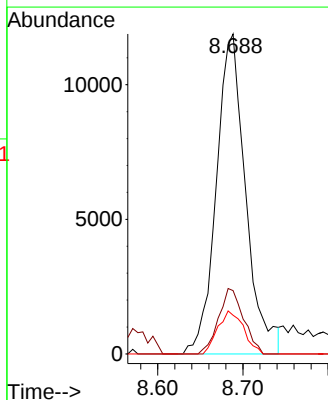
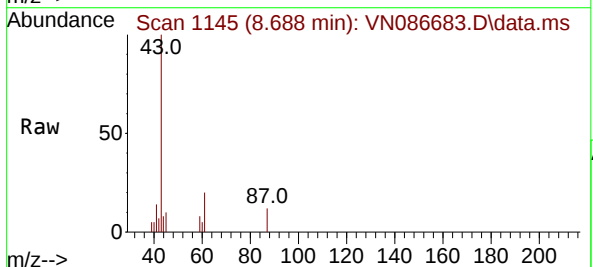
Tgt Ion: 43 Resp: 28435

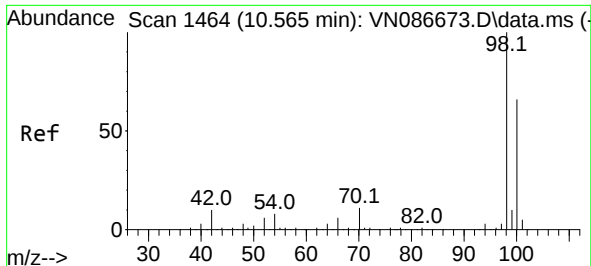
Ion Ratio Lower Upper

43 100

61 17.4 21.4 32.2#

87 11.8 11.1 16.7

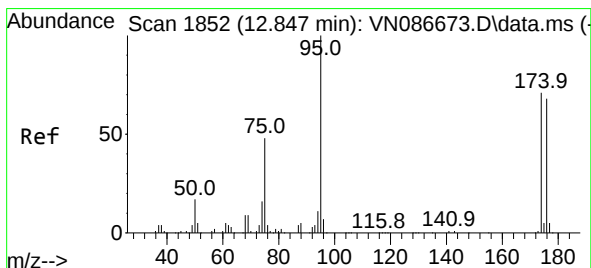
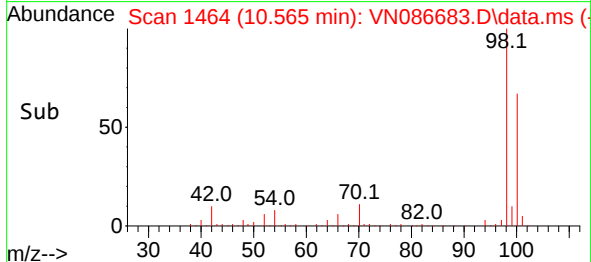
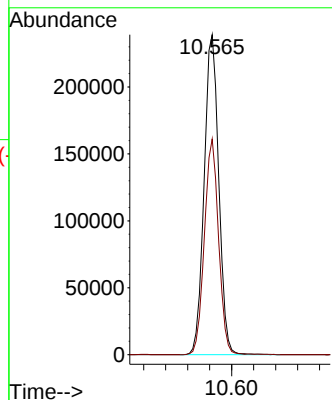
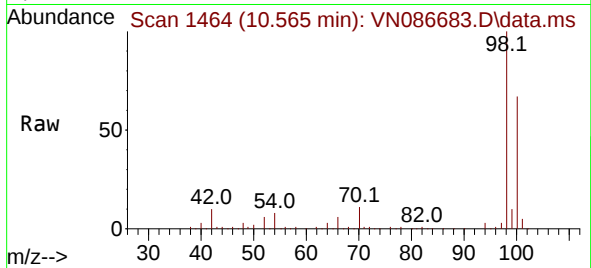




#50
Toluene-d8
Concen: 52.985 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086683.D
Acq: 19 May 2025 12:38

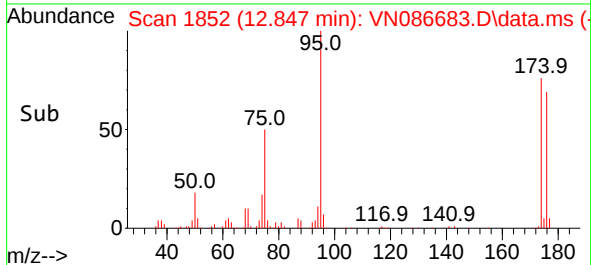
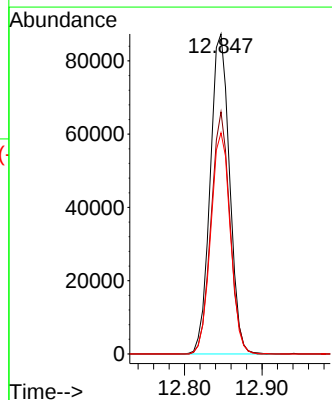
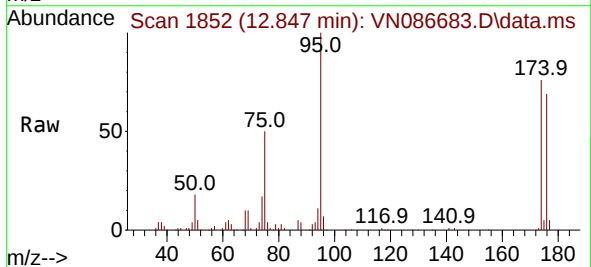
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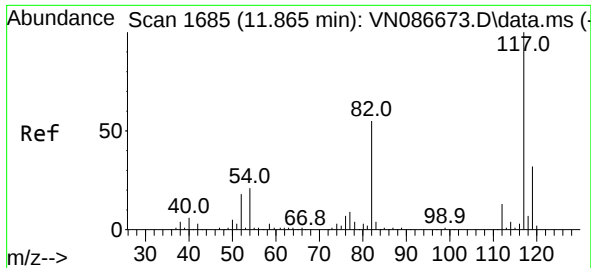
Tgt Ion: 98 Resp: 440560
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.596 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086683.D
Acq: 19 May 2025 12:38

Tgt Ion: 95 Resp: 151480
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.4
176 70.0 0.0 137.8

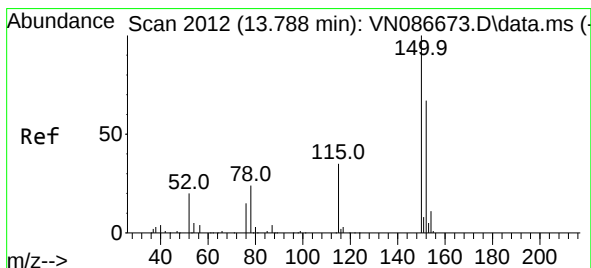
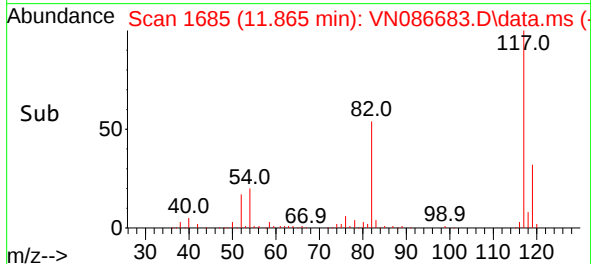
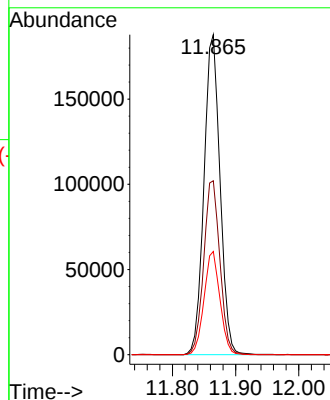
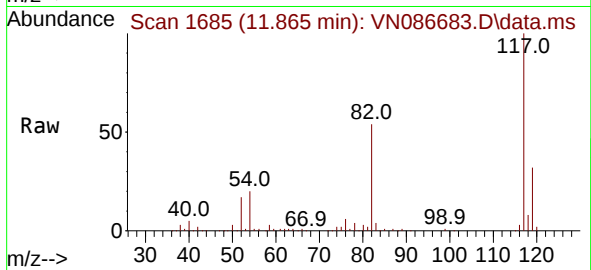




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086683.D
Acq: 19 May 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :
PB168034TB

Tgt Ion:117 Resp: 330839
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086683.D
Acq: 19 May 2025 12:38

Tgt Ion:152 Resp: 126906
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.1
150 156.1 0.0 347.8

