

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087221.D
 Acq On : 27 Jun 2025 14:53
 Operator : JC\MD
 Sample : Q2430-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-E/F

Quant Time: Jun 27 23:45:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

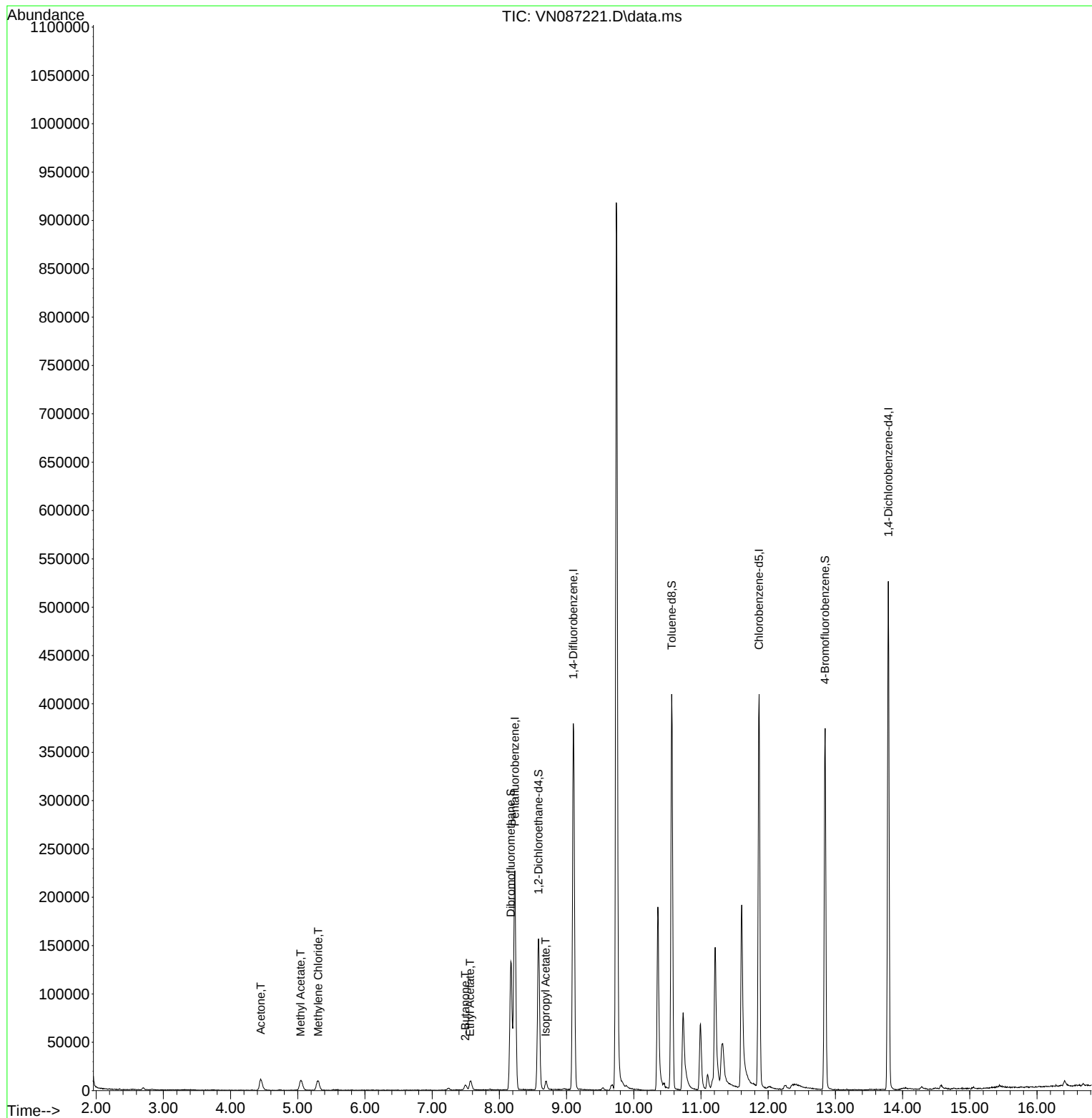
Internal Standards						
1) Pentafluorobenzene	8.229	168	171610	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	130050	52.660	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 105.320%		
35) Dibromofluoromethane	8.171	113	101973	45.885	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 91.760%		
50) Toluene-d8	10.565	98	293024	31.880	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 63.760%#		
62) 4-Bromofluorobenzene	12.847	95	142610	44.714	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 89.420%		
Target Compounds						
						Qvalue
16) Acetone	4.447	43	24393	6.840	ug/l	99
18) Methyl Acetate	5.041	43	23739	7.110	ug/l	100
20) Methylene Chloride	5.306	84	9156	2.411	ug/l	92
25) 2-Butanone	7.494	43	9946	5.312	ug/l #	89
37) Ethyl Acetate	7.565	43	16211	1.646	ug/l	99
43) Isopropyl Acetate	8.688	43	10783	1.802	ug/l #	90

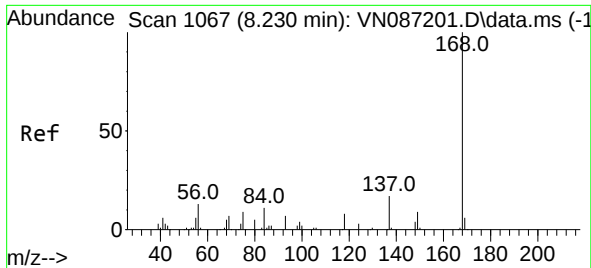
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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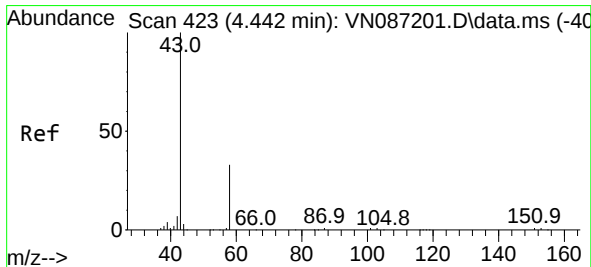
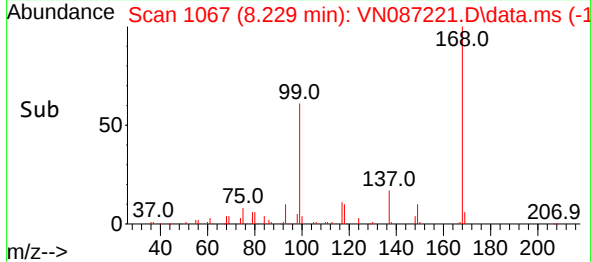
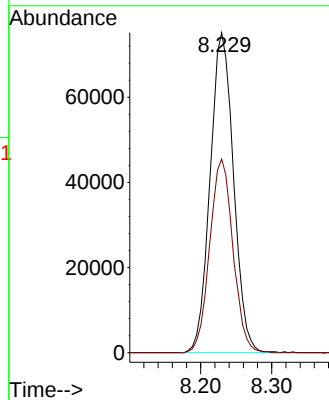
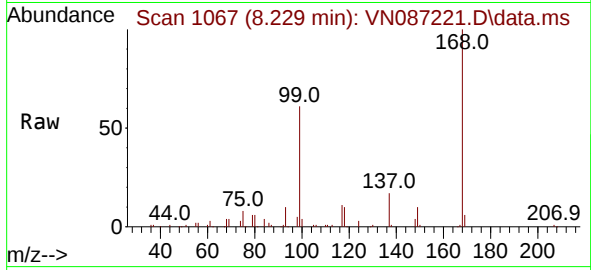




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

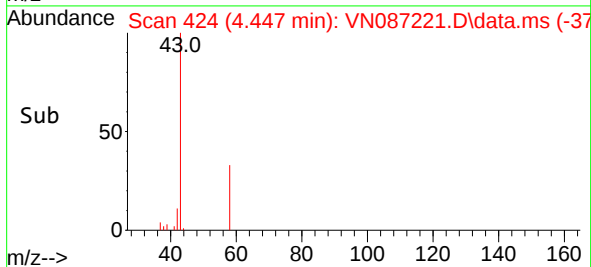
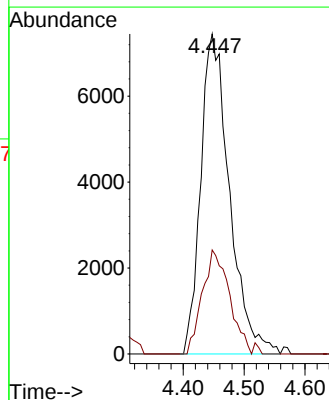
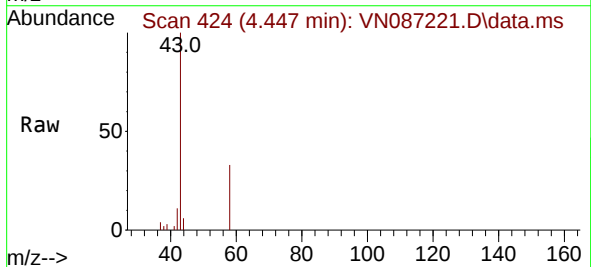
Instrument :
MSVOA_N
ClientSampleId :
MH-E/F

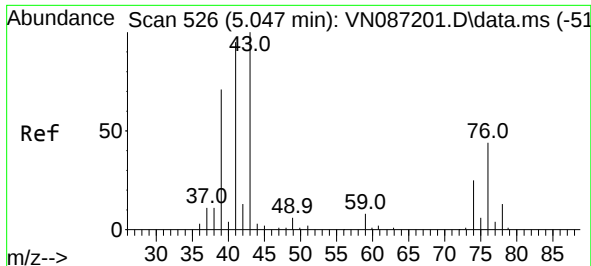
Tgt Ion:168 Resp: 171610
Ion Ratio Lower Upper
168 100
99 60.5 47.9 71.9



#16
Acetone
Concen: 6.840 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.005 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

Tgt Ion: 43 Resp: 24393
Ion Ratio Lower Upper
43 100
58 32.5 26.5 39.7

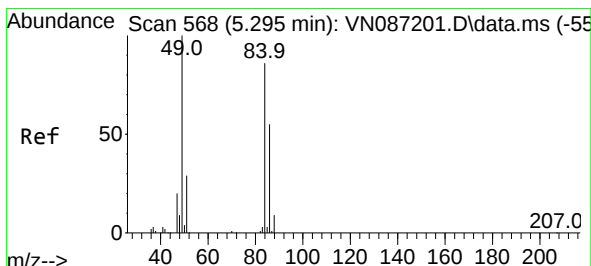
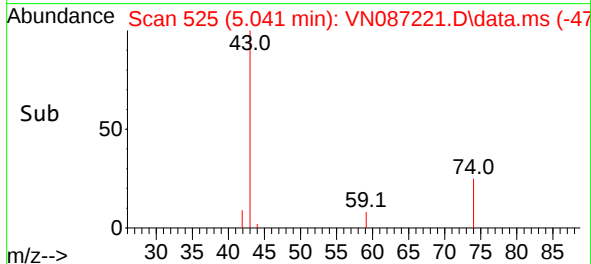
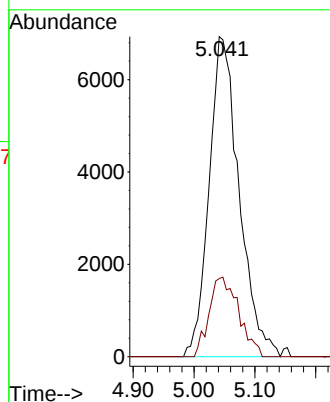
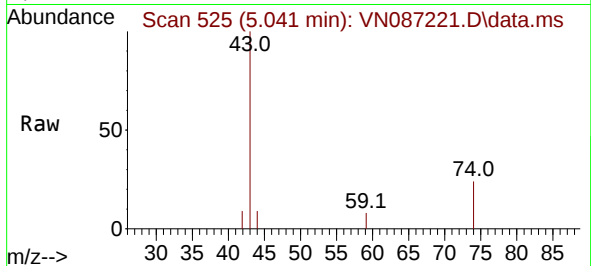




#18
Methyl Acetate
Concen: 7.110 ug/l
RT: 5.041 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

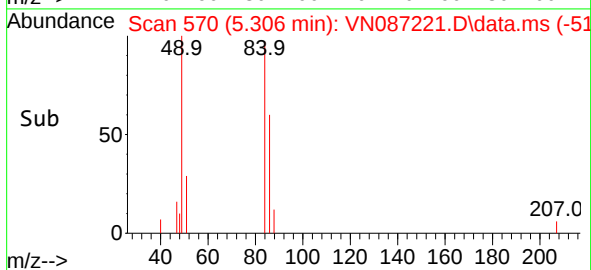
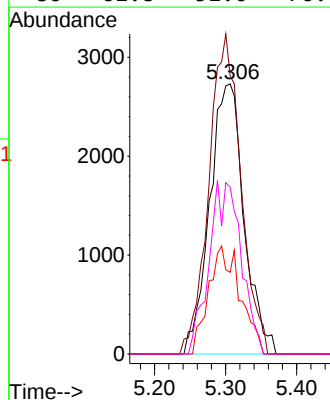
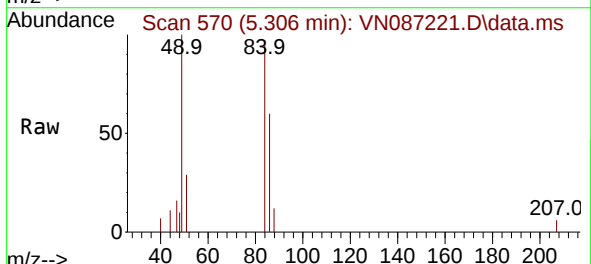
Instrument :
MSVOA_N
ClientSampleId :
MH-E/F

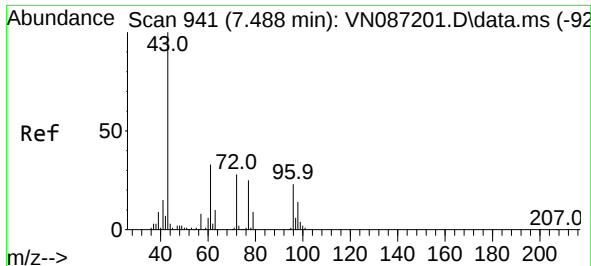
Tgt Ion: 43 Resp: 23739
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2



#20
Methylene Chloride
Concen: 2.411 ug/l
RT: 5.306 min Scan# 570
Delta R.T. 0.011 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

Tgt Ion: 84 Resp: 9156
Ion Ratio Lower Upper
84 100
49 103.0 93.0 139.6
51 30.2 27.2 40.8
86 61.8 51.0 76.4

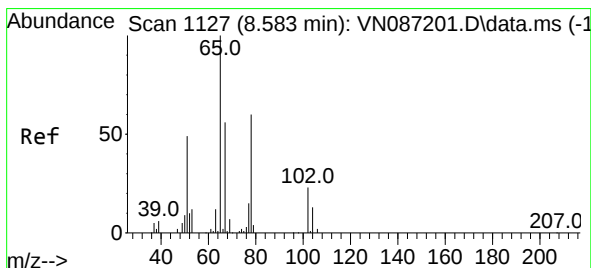
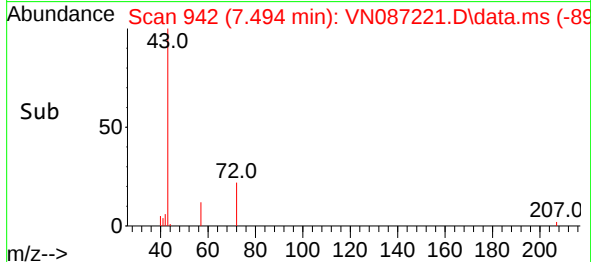
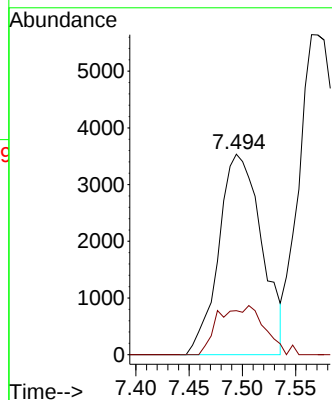
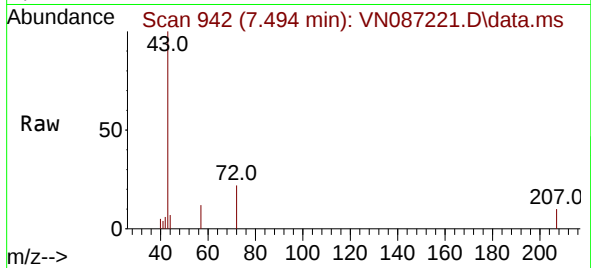




#25
2-Butanone
Concen: 5.312 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

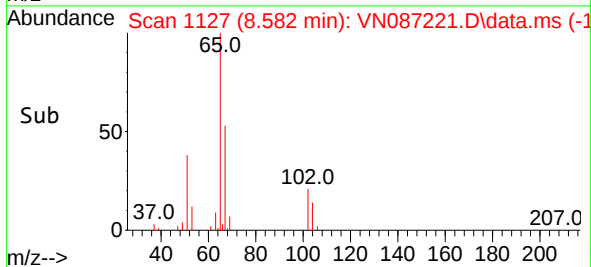
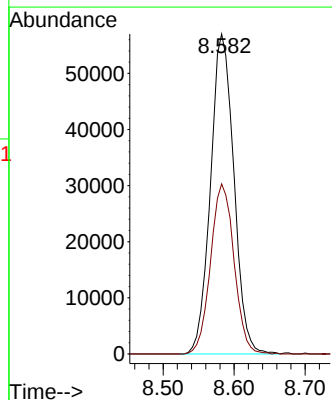
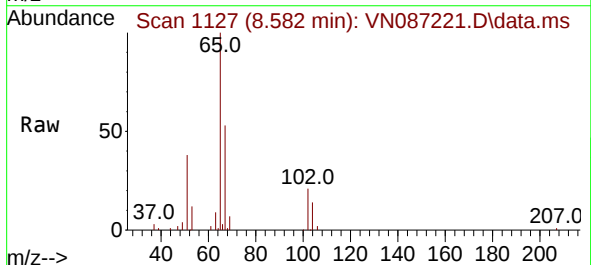
Instrument :
MSVOA_N
ClientSampleId :
MH-E/F

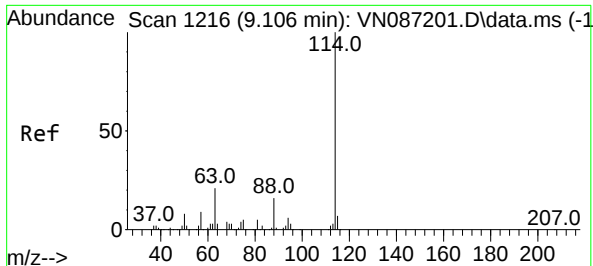
Tgt Ion: 43 Resp: 9946
Ion Ratio Lower Upper
43 100
72 21.9 22.2 33.2#



#33
1,2-Dichloroethane-d4
Concen: 52.660 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

Tgt Ion: 65 Resp: 130050
Ion Ratio Lower Upper
65 100
67 53.4 0.0 108.0

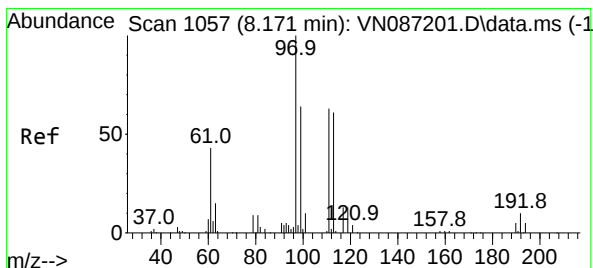
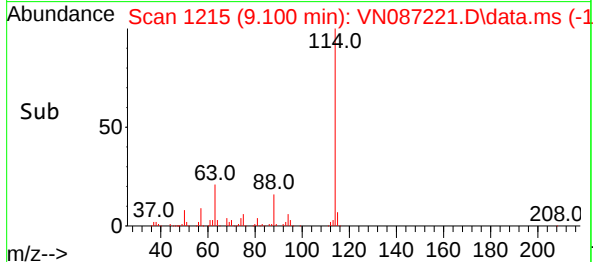
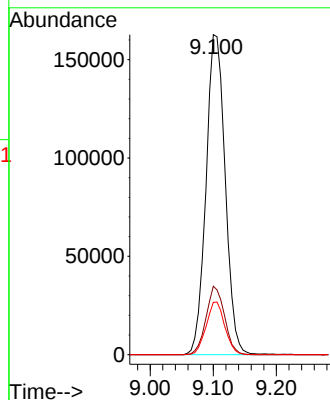
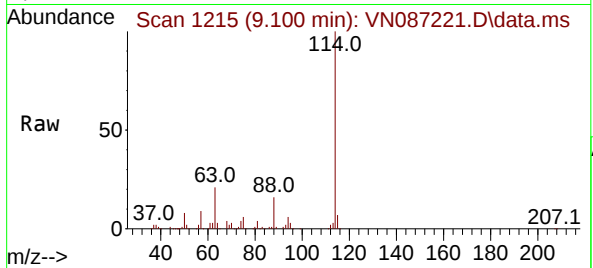




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

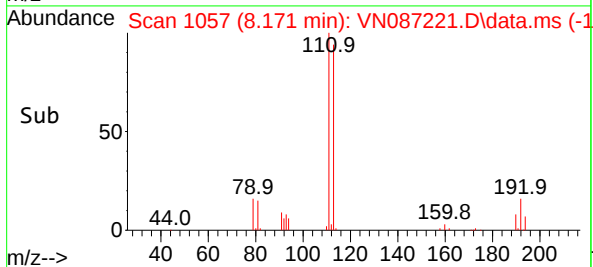
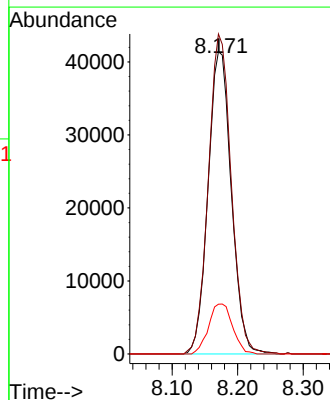
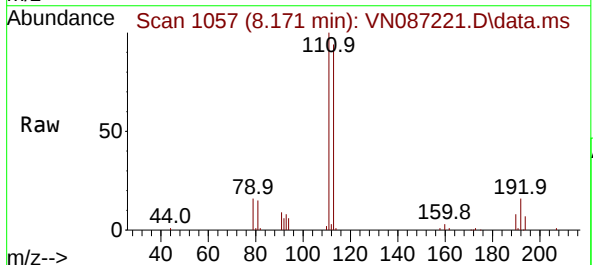
Instrument :
MSVOA_N
ClientSampleId :
MH-E/F

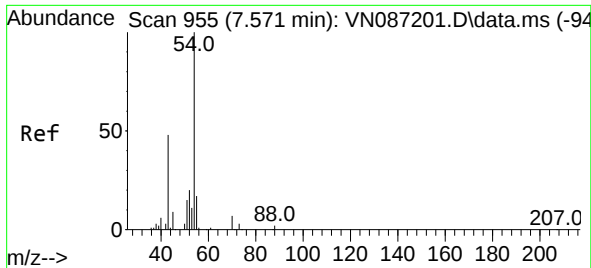
Tgt Ion:114 Resp: 343748
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.0
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 45.885 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

Tgt Ion:113 Resp: 101973
Ion Ratio Lower Upper
113 100
111 104.3 82.6 124.0
192 17.1 13.5 20.3

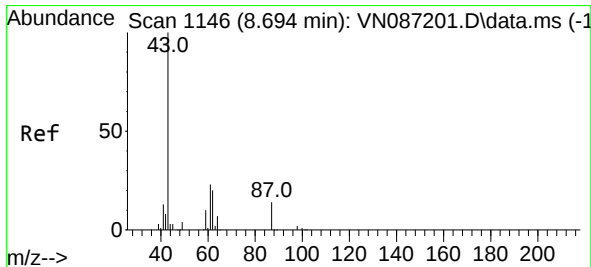
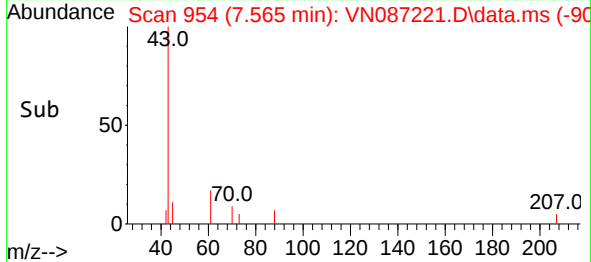
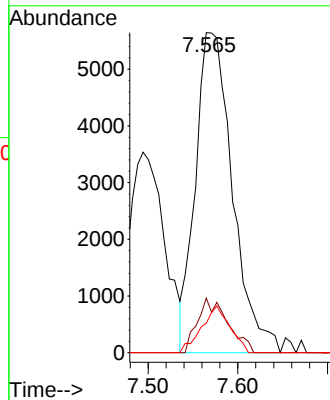
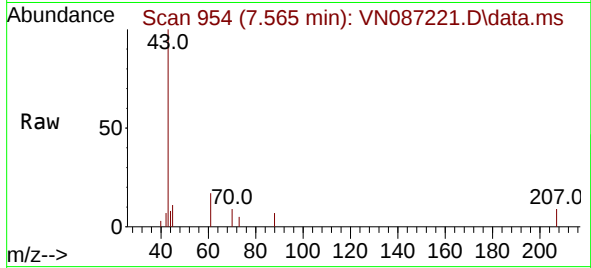




#37
Ethyl Acetate
Concen: 1.646 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

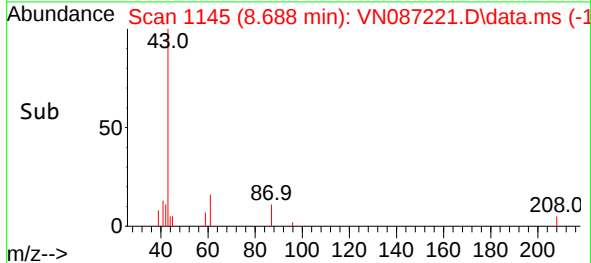
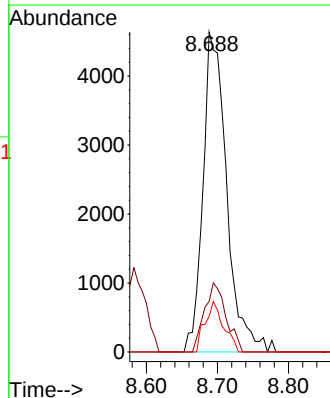
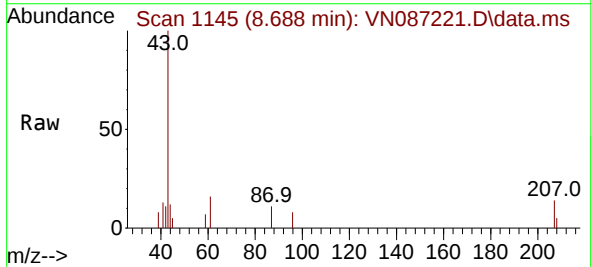
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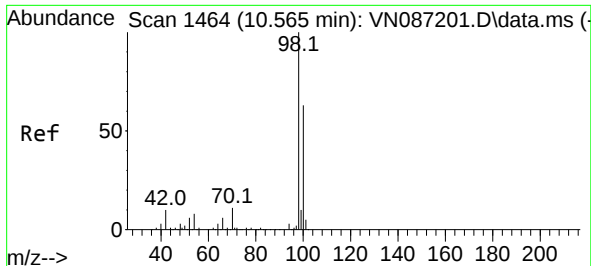
Tgt Ion:	43	Resp:	16211
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.8	16.2
70	11.1	8.9	13.3



#43
Isopropyl Acetate
Concen: 1.802 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

Tgt Ion:	43	Resp:	10783
Ion	Ratio	Lower	Upper
43	100		
61	19.7	21.0	31.6#
87	12.3	11.0	16.6

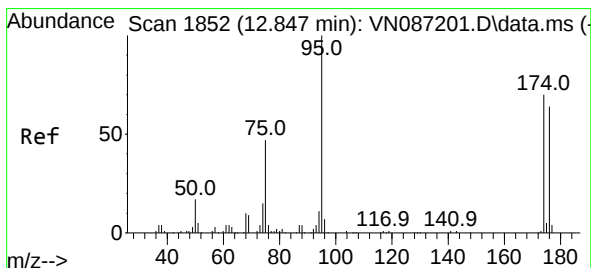
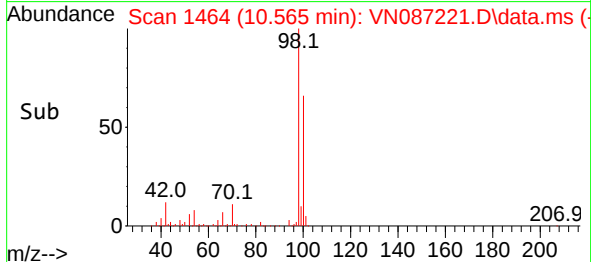
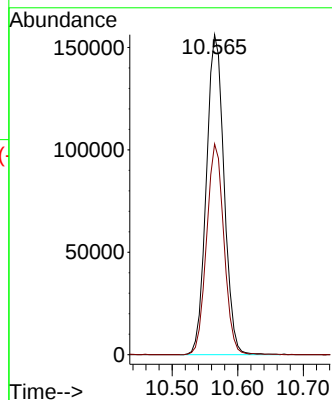
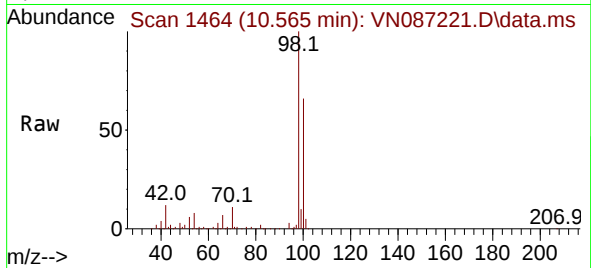




#50
Toluene-d8
Concen: 31.880 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

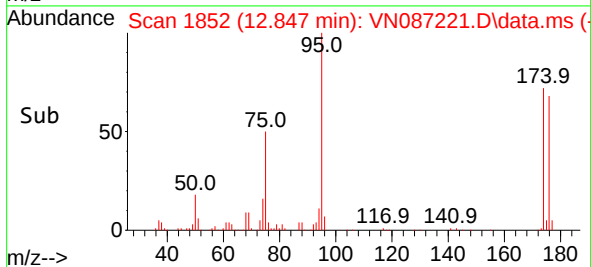
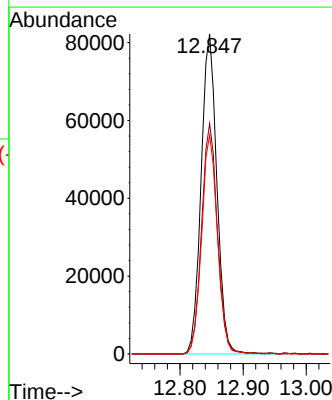
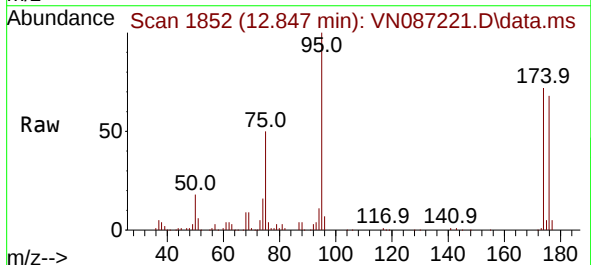
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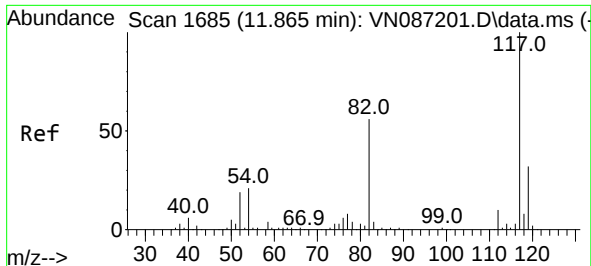
Tgt Ion: 98 Resp: 293024
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 44.714 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

Tgt Ion: 95 Resp: 142610
Ion Ratio Lower Upper
95 100
174 72.1 0.0 142.2
176 68.6 0.0 134.8

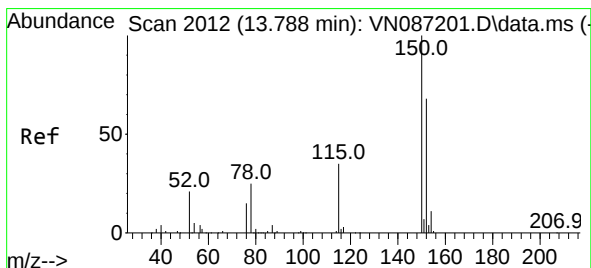
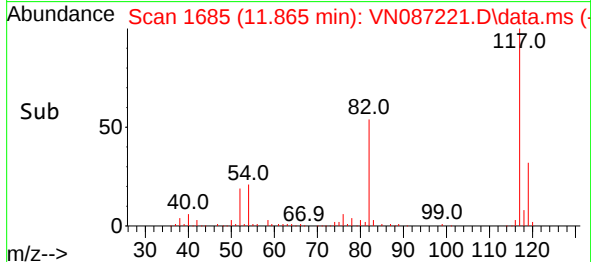
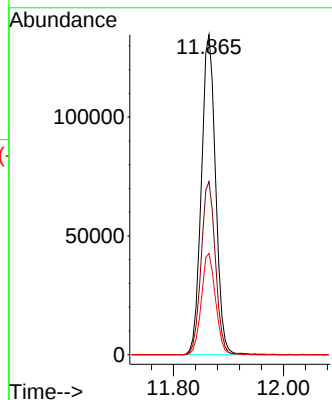
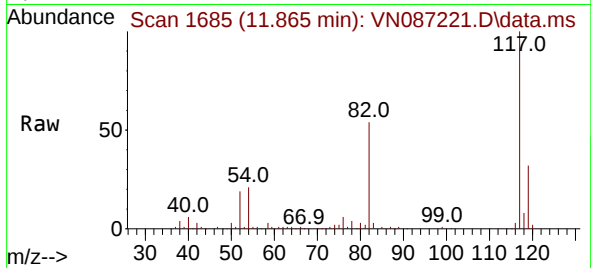




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

Instrument :
MSVOA_N
ClientSampleId :
MH-E/F

Tgt Ion:117 Resp: 241748
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087221.D
Acq: 27 Jun 2025 14:53

Tgt Ion:152 Resp: 146021
Ion Ratio Lower Upper
152 100
115 60.2 30.6 91.8
150 159.2 0.0 347.8

