

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087212.D
 Acq On : 27 Jun 2025 11:48
 Operator : JC\MD
 Sample : Q2399-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP-7

Quant Time: Jun 27 23:42:01 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)

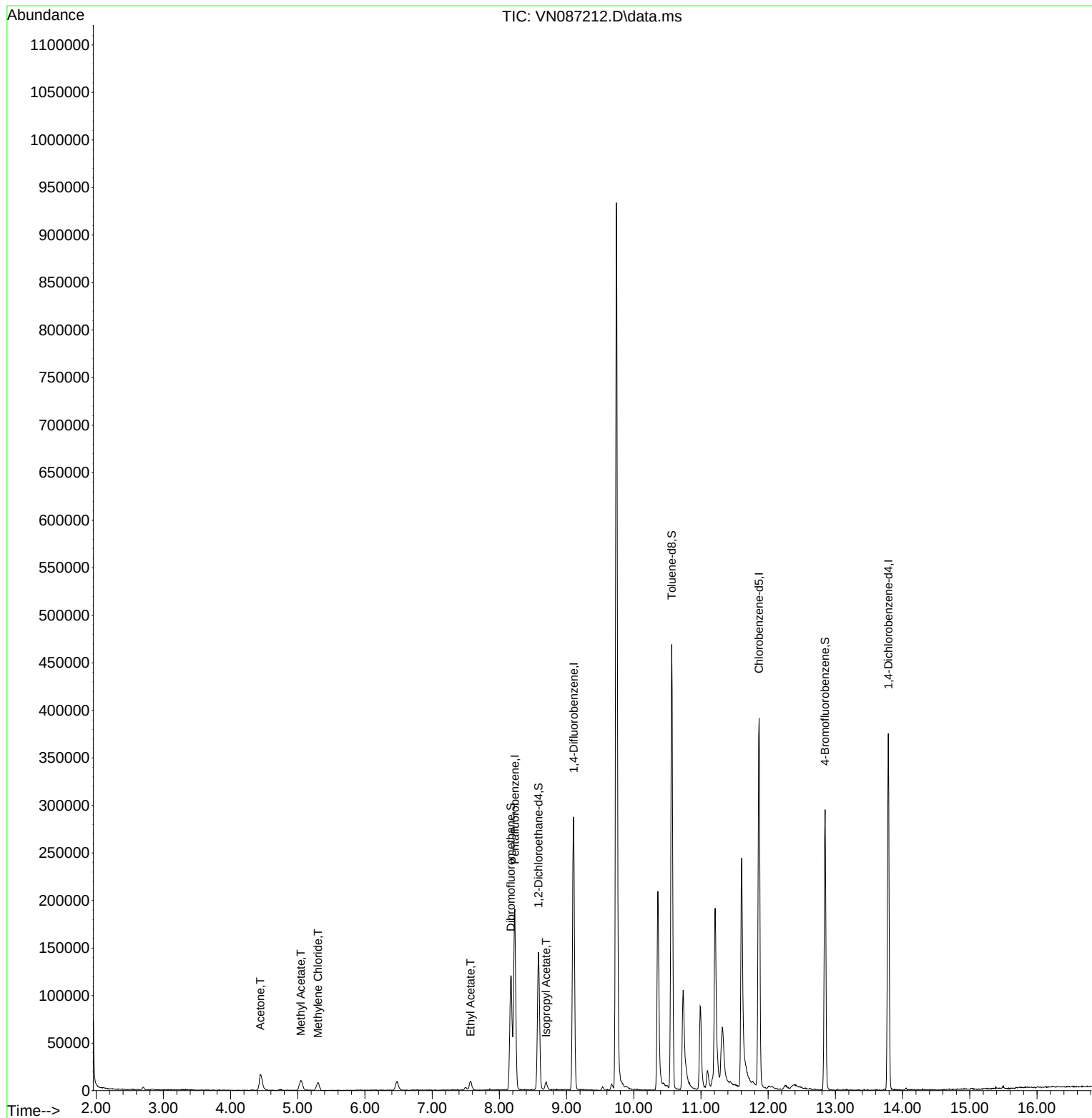
Internal Standards						
1) Pentafluorobenzene	8.230	168	140423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	257552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	120094	59.428	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.860%	
35) Dibromofluoromethane	8.171	113	93547	56.181	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.360%	
50) Toluene-d8	10.565	98	336954	48.928	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	12.847	95	114673	47.988	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.980%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	35672	24.525	ug/l	98
18) Methyl Acetate	5.048	43	24236	9.124	ug/l	100
20) Methylene Chloride	5.300	84	6664	1.922	ug/l #	94
37) Ethyl Acetate	7.571	43	15464	2.753	ug/l	96
43) Isopropyl Acetate	8.694	43	10260	2.288	ug/l #	90

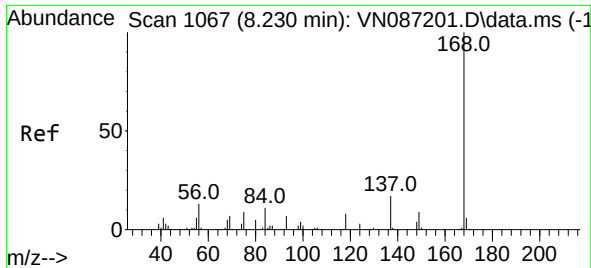
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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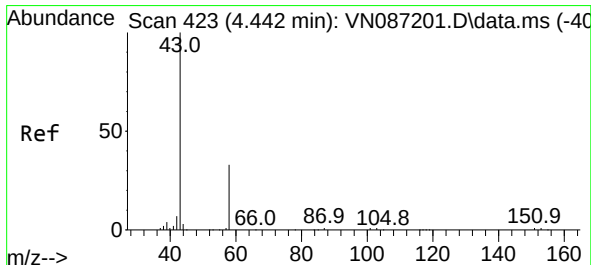
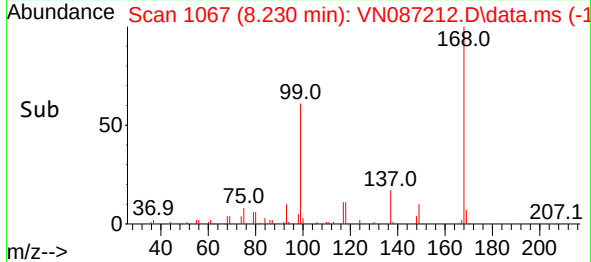
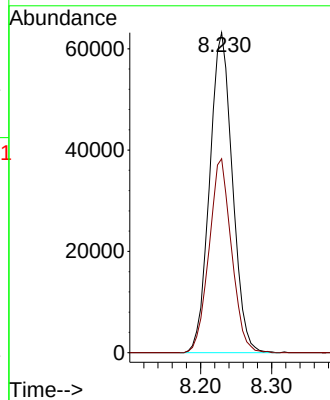
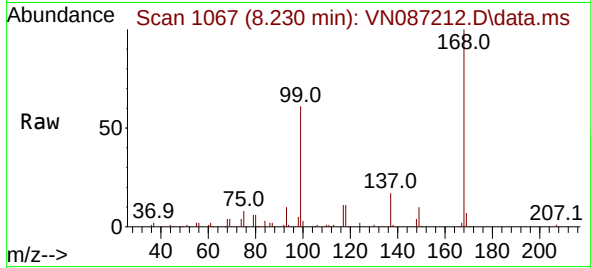




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

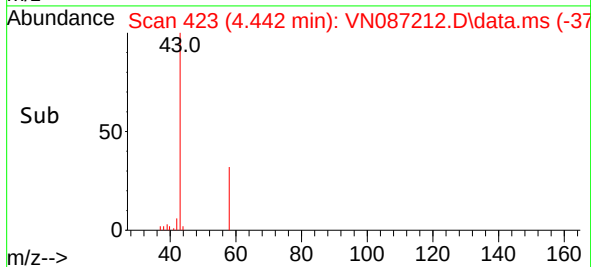
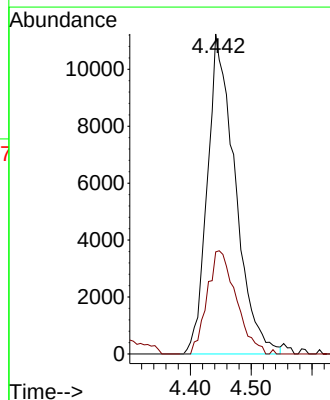
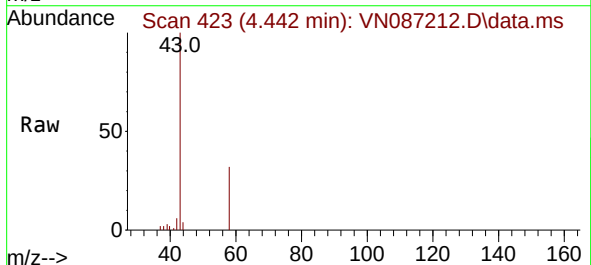
Instrument :
MSVOA_N
ClientSampleId :
EP-7

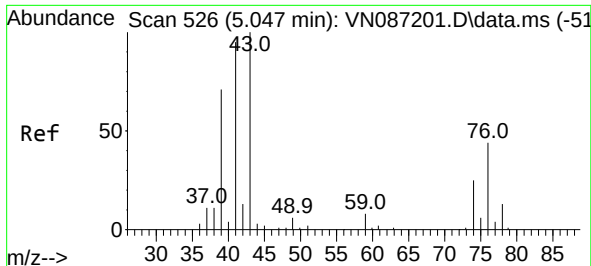
Tgt Ion:168 Resp: 140423
Ion Ratio Lower Upper
168 100
99 60.6 47.9 71.9



#16
Acetone
Concen: 24.525 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

Tgt Ion: 43 Resp: 35672
Ion Ratio Lower Upper
43 100
58 31.9 26.5 39.7

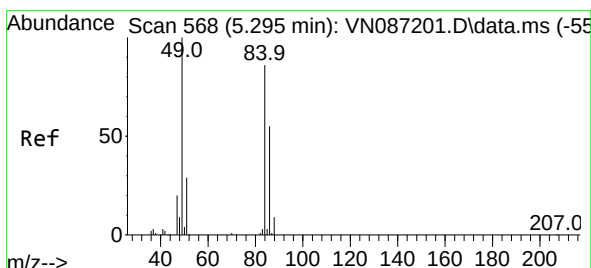
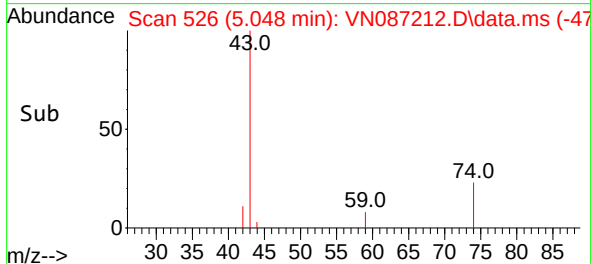
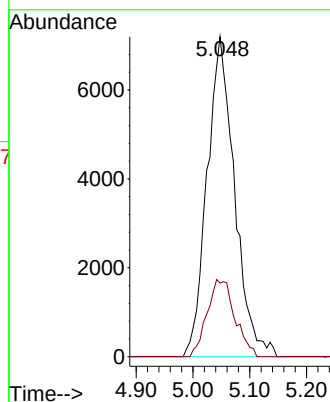
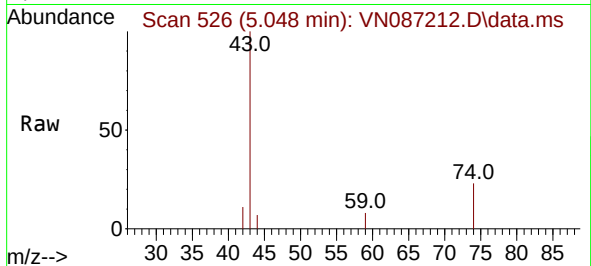




#18
Methyl Acetate
Concen: 9.124 ug/l
RT: 5.048 min Scan# 51
Delta R.T. 0.001 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

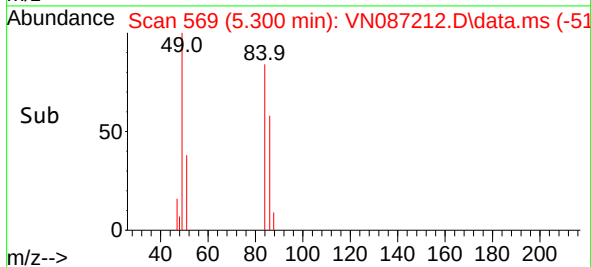
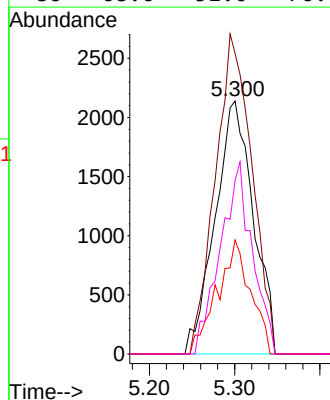
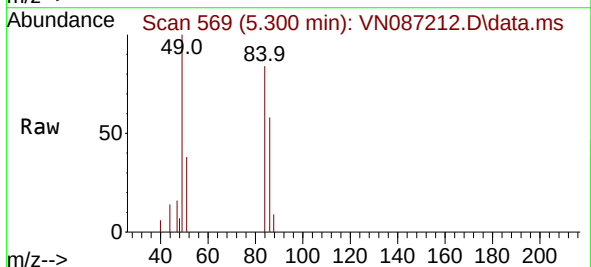
Instrument :
MSVOA_N
ClientSampleId :
EP-7

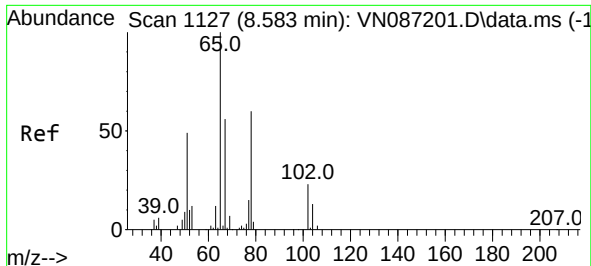
Tgt Ion: 43 Resp: 24236
Ion Ratio Lower Upper
43 100
74 24.2 19.4 29.2



#20
Methylene Chloride
Concen: 1.922 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.005 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

Tgt Ion: 84 Resp: 6664
Ion Ratio Lower Upper
84 100
49 118.8 93.0 139.6
51 45.1 27.2 40.8#
86 68.6 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: 59.428 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087212.D

Acq: 27 Jun 2025 11:48

Instrument :

MSVOA_N

ClientSampleId :

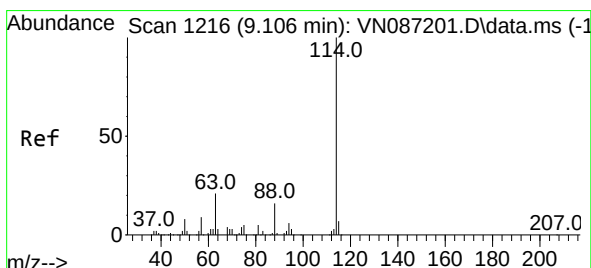
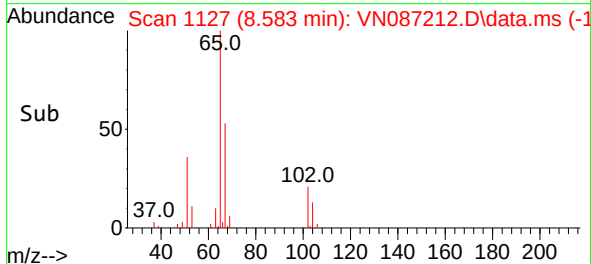
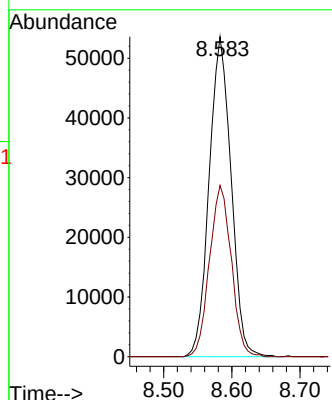
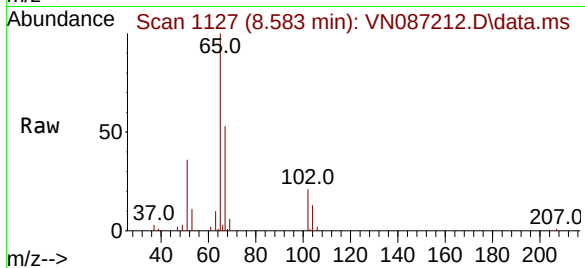
EP-7

Tgt Ion: 65 Resp: 120094

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087212.D

Acq: 27 Jun 2025 11:48

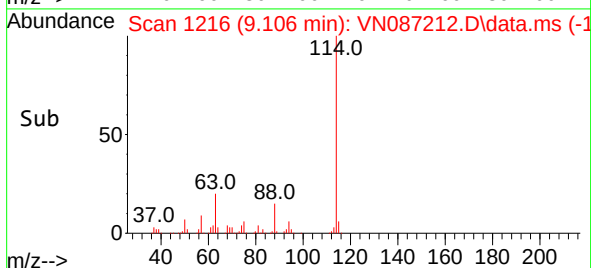
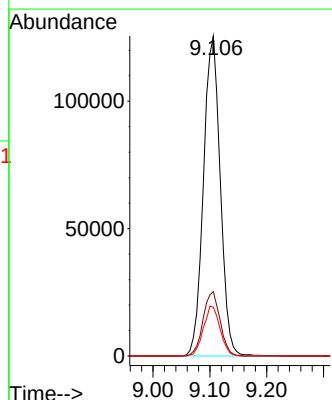
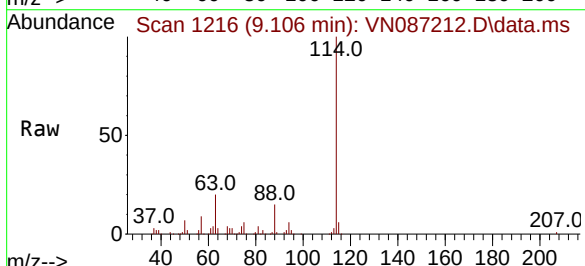
Tgt Ion: 114 Resp: 257552

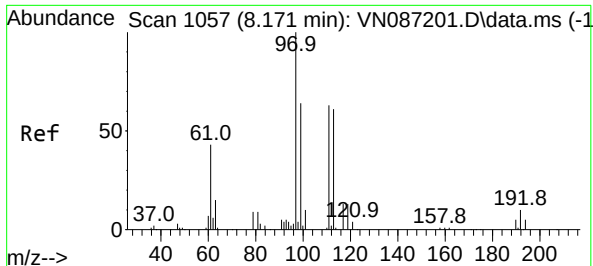
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.0

88 15.3 0.0 32.0

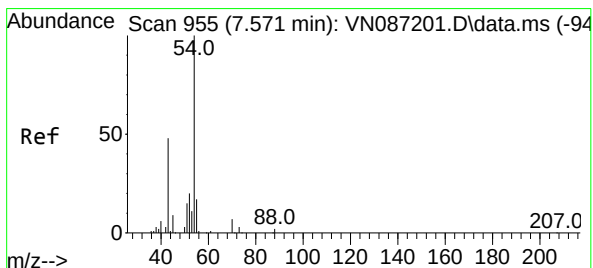
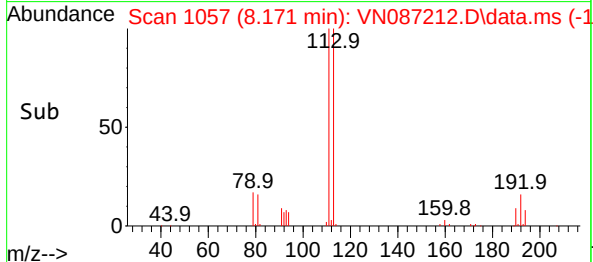
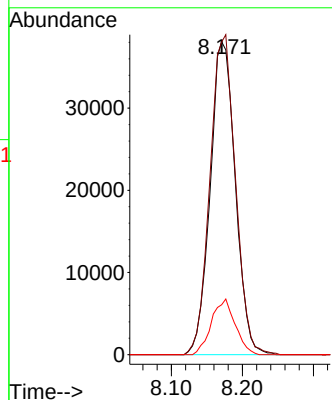
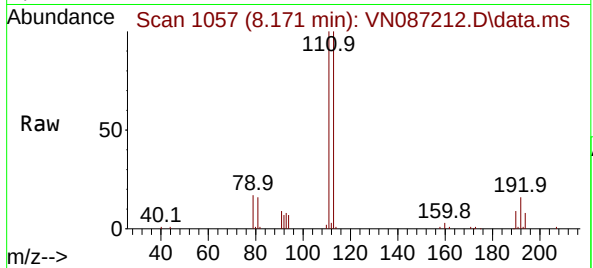




#35
Dibromofluoromethane
Concen: 56.181 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

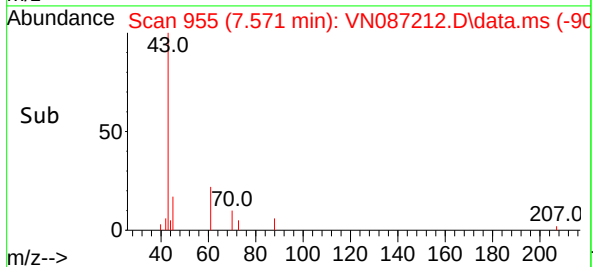
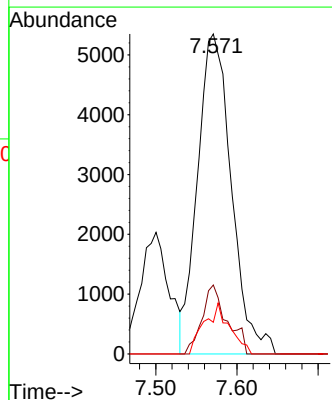
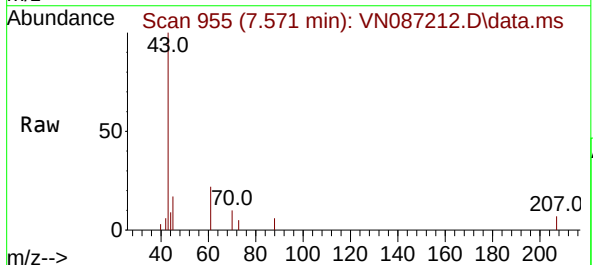
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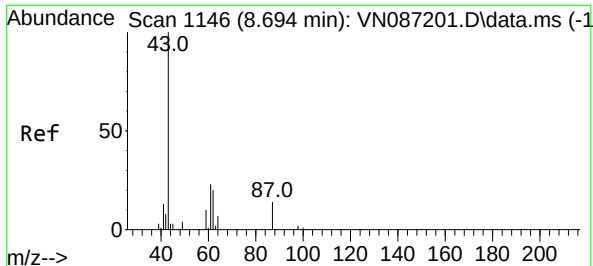
Tgt Ion:113 Resp: 93547
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 16.8 13.5 20.3



#37
Ethyl Acetate
Concen: 2.753 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

Tgt Ion: 43 Resp: 15464
Ion Ratio Lower Upper
43 100
61 15.9 10.8 16.2
70 11.9 8.9 13.3

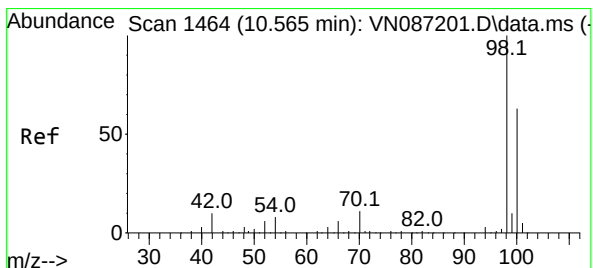
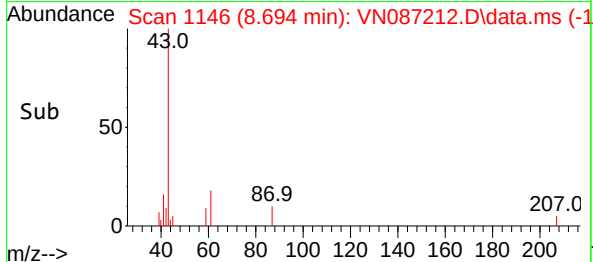
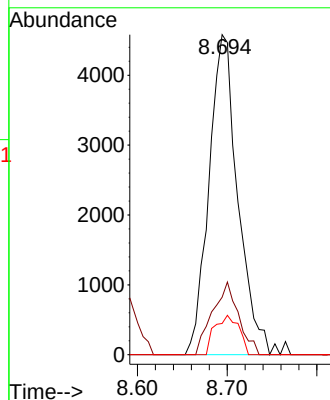
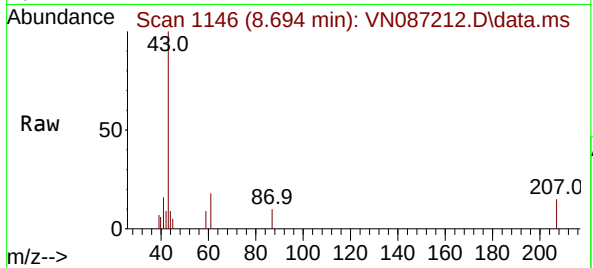




#43
Isopropyl Acetate
Concen: 2.288 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

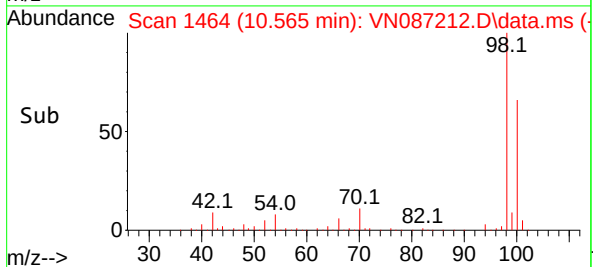
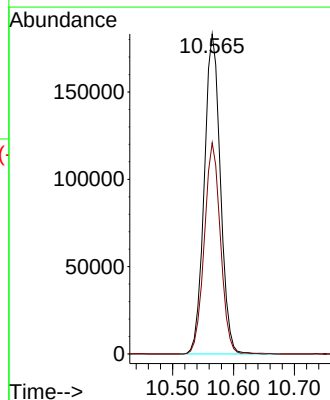
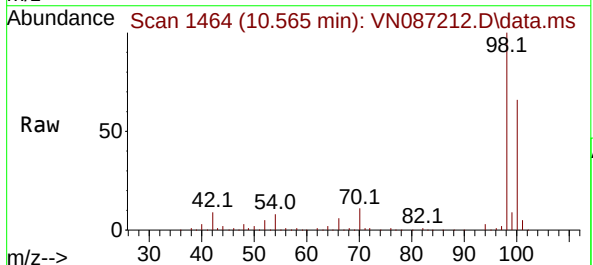
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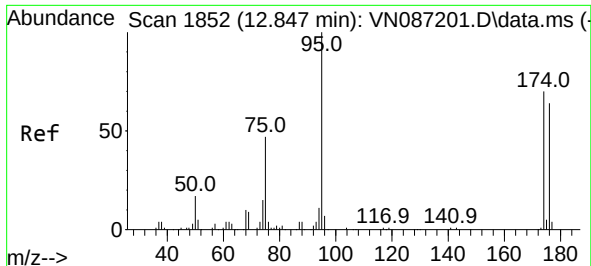
Tgt Ion: 43 Resp: 10260
Ion Ratio Lower Upper
43 100
61 20.5 21.0 31.6#
87 10.3 11.0 16.6#



#50
Toluene-d8
Concen: 48.928 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

Tgt Ion: 98 Resp: 336954
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1

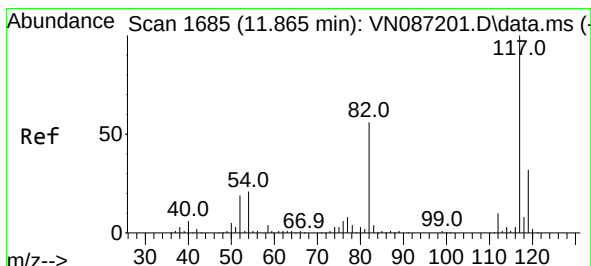
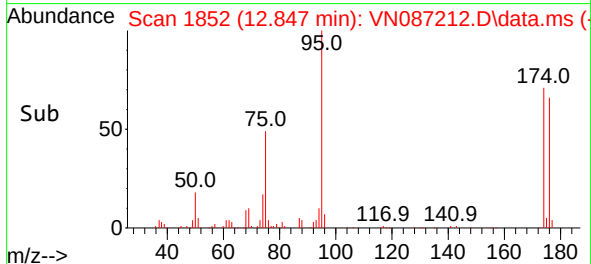
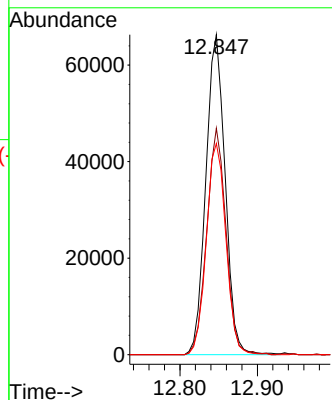
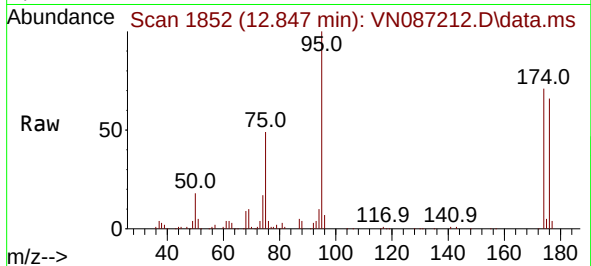




#62
4-Bromofluorobenzene
Concen: 47.988 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

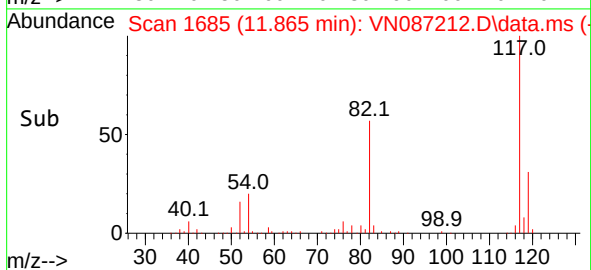
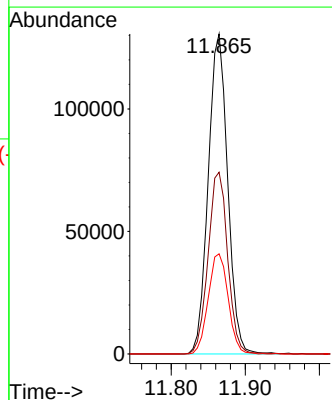
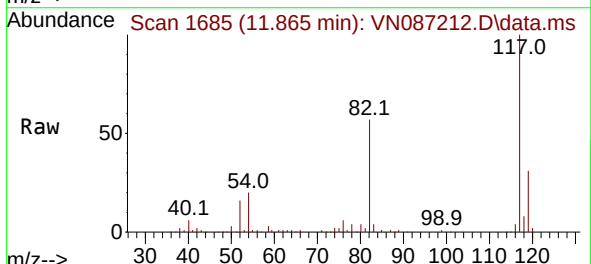
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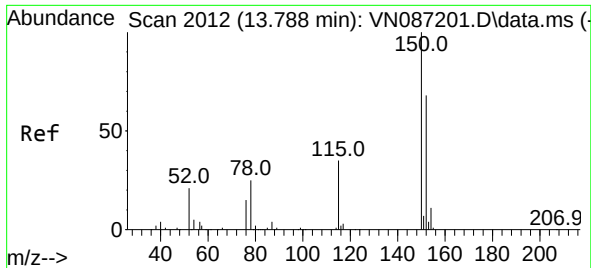
Tgt Ion: 95 Resp: 114673
Ion Ratio Lower Upper
95 100
174 70.4 0.0 142.2
176 67.1 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN087212.D
Acq: 27 Jun 2025 11:48

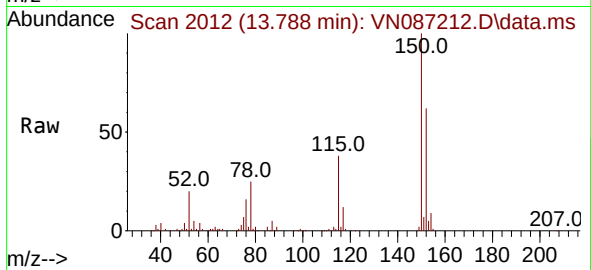
Tgt Ion: 117 Resp: 237725
Ion Ratio Lower Upper
117 100
82 56.8 45.0 67.4
119 31.3 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087212.D
 Acq: 27 Jun 2025 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.1	30.6	91.8
150	158.3	0.0	347.8

