

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087972.D
 Acq On : 26 Sep 2025 17:13
 Operator : JC\MD
 Sample : Q3183-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3

Quant Time: Sep 27 01:29:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

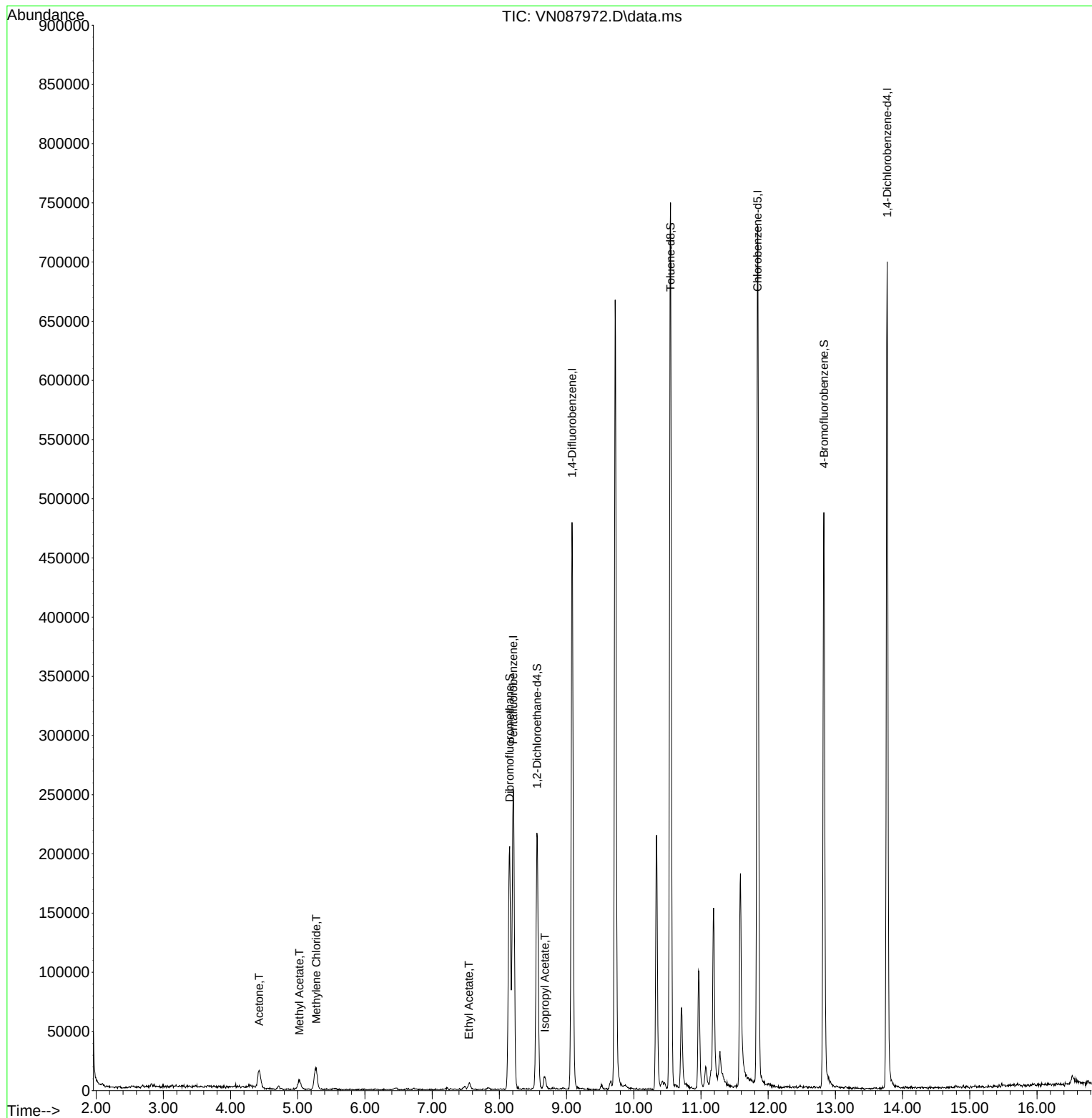
Internal Standards						
1) Pentafluorobenzene	8.206	168	179767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	399691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	422262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	190255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	174092	57.545	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 115.080%	
35) Dibromofluoromethane	8.153	113	147391	50.790	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.580%	
50) Toluene-d8	10.547	98	514816	50.447	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.829	95	173446	47.548	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	28772	23.115	ug/l	95
18) Methyl Acetate	5.024	43	18571	5.961	ug/l	94
20) Methylene Chloride	5.277	84	14462	5.740	ug/l	90
37) Ethyl Acetate	7.547	43	9536	2.081	ug/l #	91
43) Isopropyl Acetate	8.677	43	12298	1.705	ug/l #	86

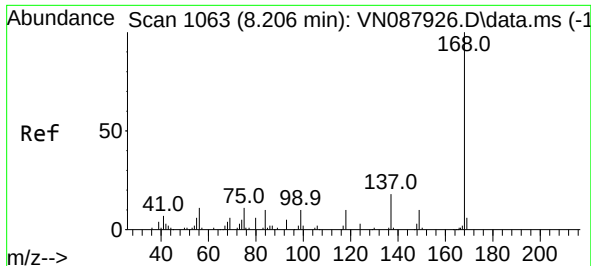
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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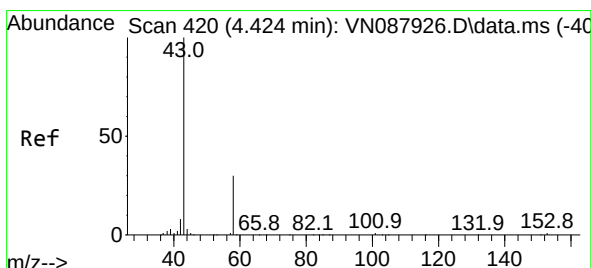
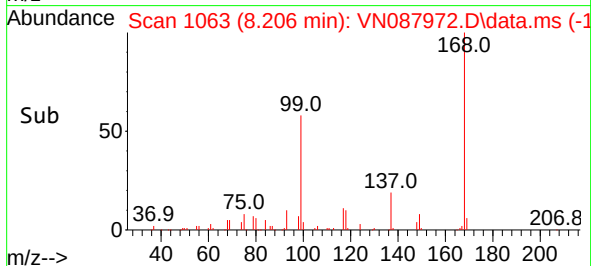
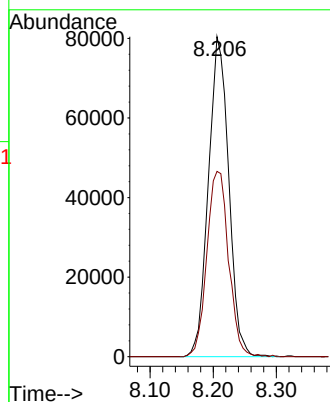
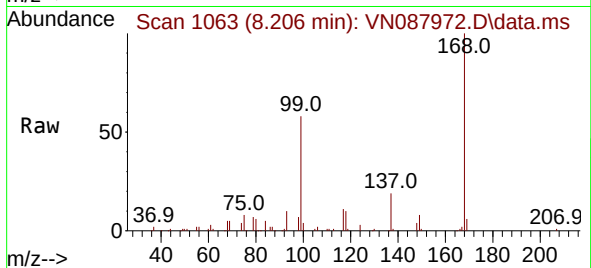




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

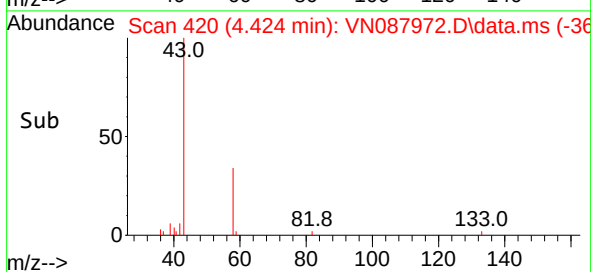
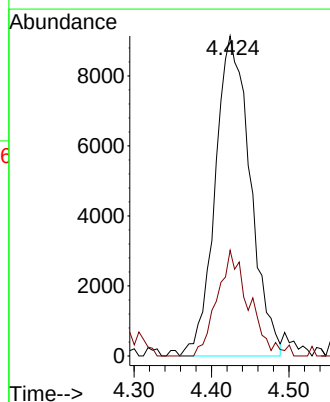
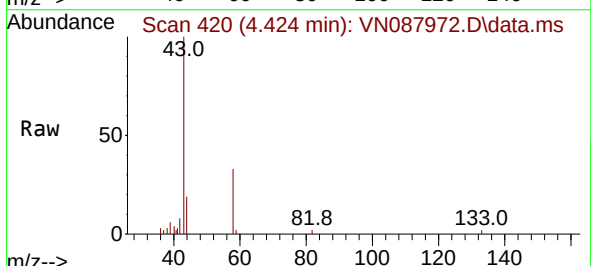
Instrument :
MSVOA_N
ClientSampleId :
WC-3

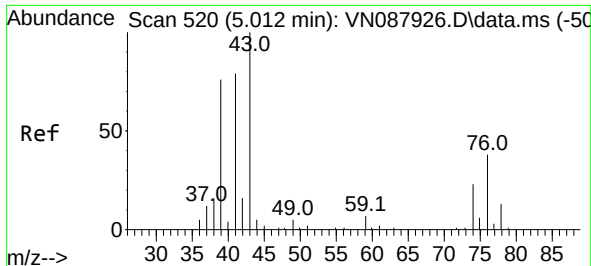
Tgt Ion:168 Resp: 179767
Ion Ratio Lower Upper
168 100
99 57.9 52.2 78.2



#16
Acetone
Concen: 23.115 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

Tgt Ion: 43 Resp: 28772
Ion Ratio Lower Upper
43 100
58 33.0 24.1 36.1

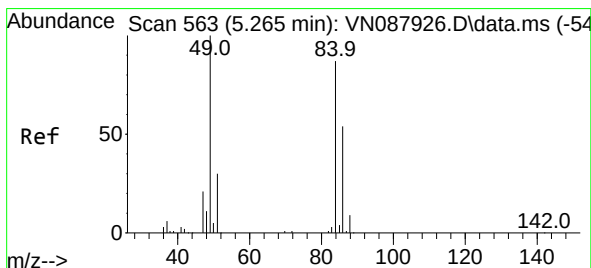
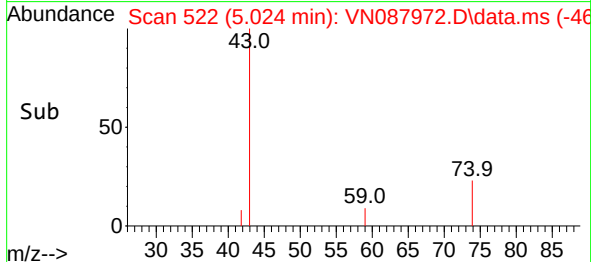
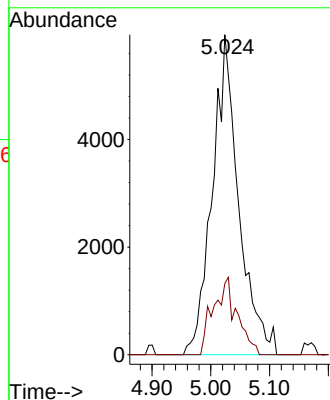
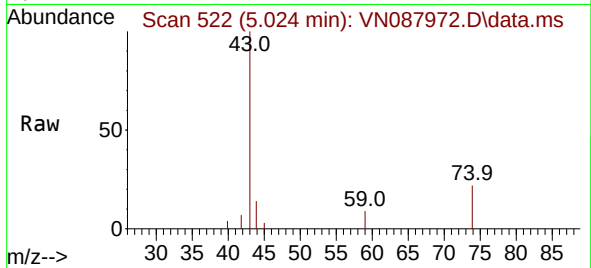




#18
Methyl Acetate
Concen: 5.961 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

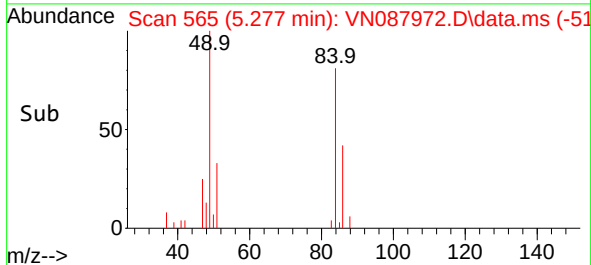
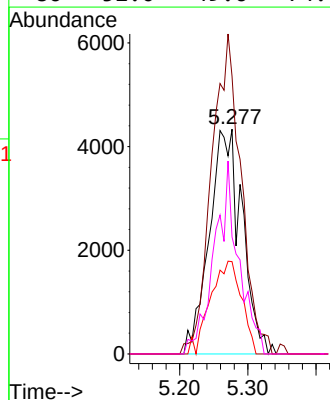
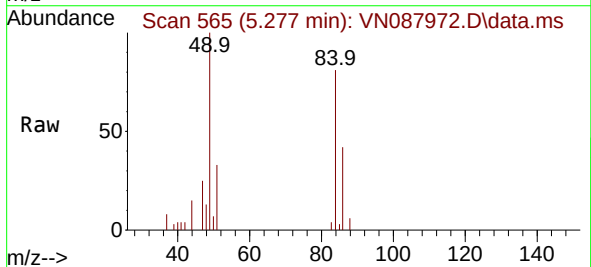
Instrument :
MSVOA_N
ClientSampleId :
WC-3

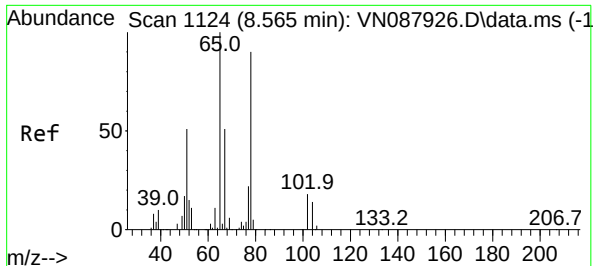
Tgt Ion: 43 Resp: 18571
Ion Ratio Lower Upper
43 100
74 21.7 19.7 29.5



#20
Methylene Chloride
Concen: 5.740 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.012 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

Tgt Ion: 84 Resp: 14462
Ion Ratio Lower Upper
84 100
49 123.5 92.1 138.1
51 41.1 27.7 41.5
86 52.0 49.6 74.4

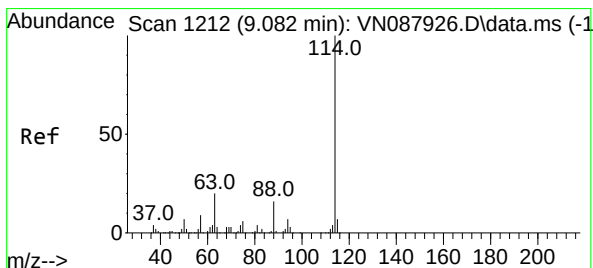
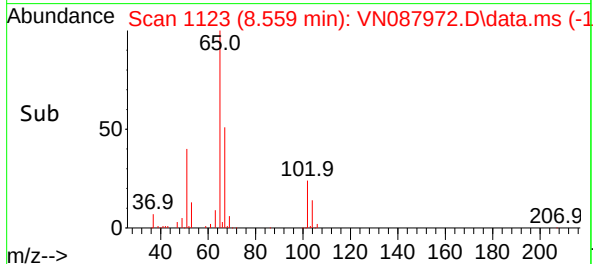
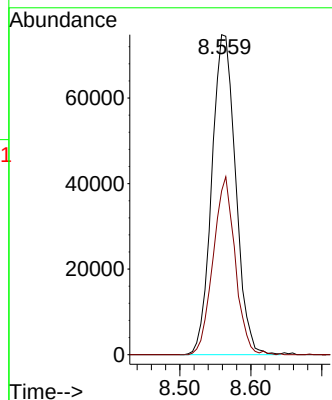
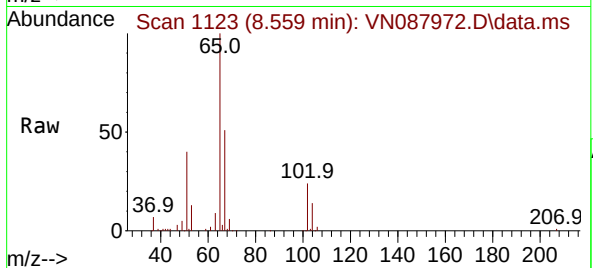




#33
 1,2-Dichloroethane-d4
 Concen: 57.545 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: VN087972.D
 Acq: 26 Sep 2025 17:13

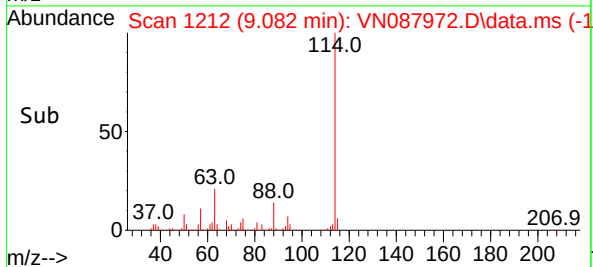
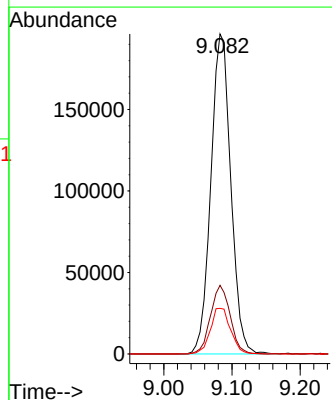
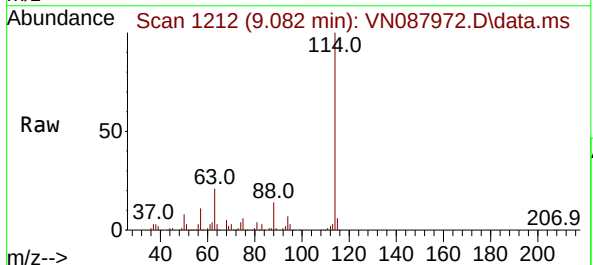
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3

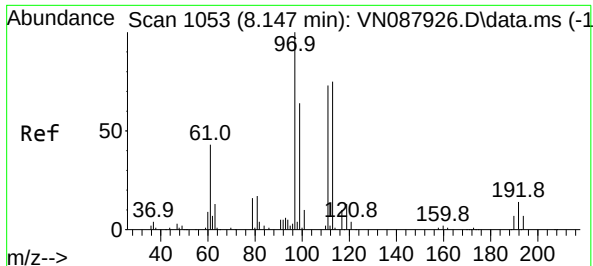
Tgt Ion: 65 Resp: 174092
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087972.D
 Acq: 26 Sep 2025 17:13

Tgt Ion: 114 Resp: 399691
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.0
 88 14.2 0.0 31.8

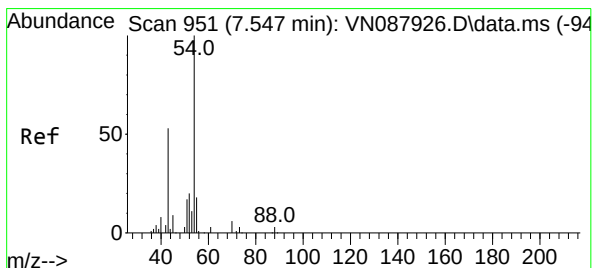
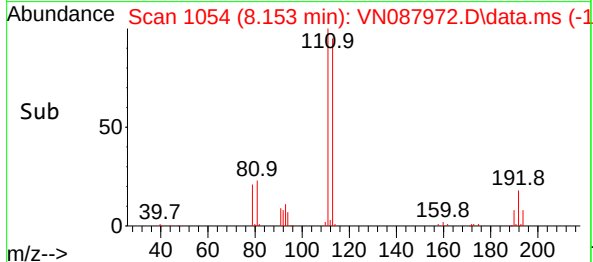
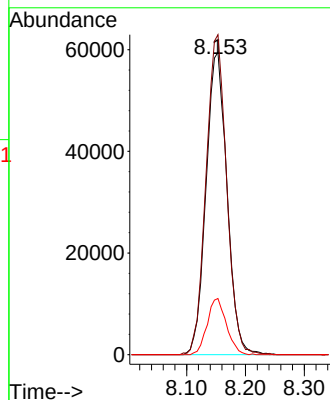
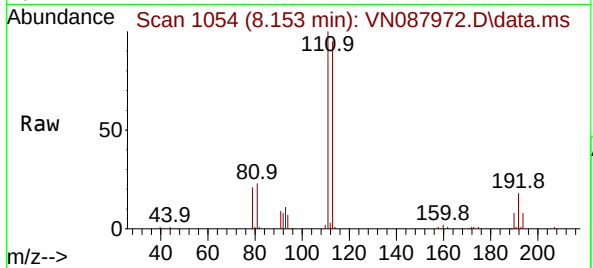




#35
Dibromofluoromethane
Concen: 50.790 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

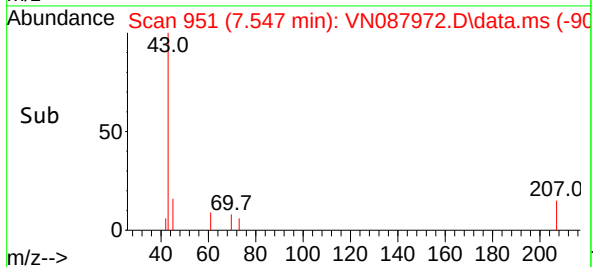
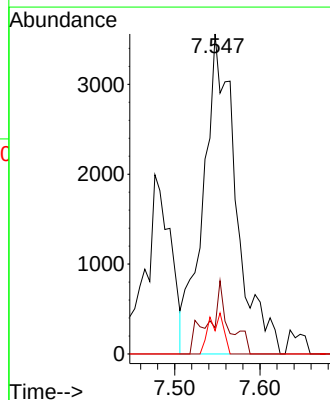
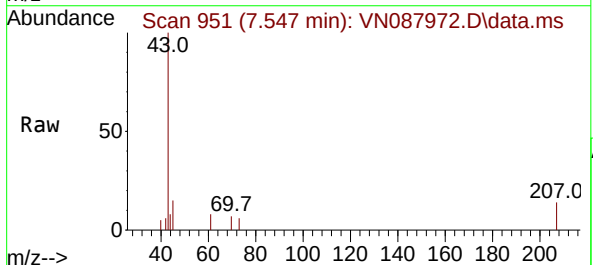
Instrument :
MSVOA_N
ClientSampleId :
WC-3

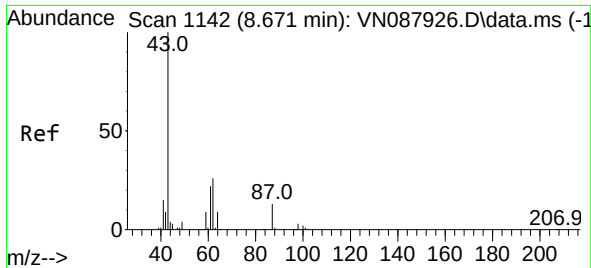
Tgt Ion:113 Resp: 147391
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 17.0 14.2 21.2



#37
Ethyl Acetate
Concen: 2.081 ug/l
RT: 7.547 min Scan# 951
Delta R.T. -0.000 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

Tgt Ion: 43 Resp: 9536
Ion Ratio Lower Upper
43 100
61 10.3 10.7 16.1#
70 5.6 7.8 11.8#

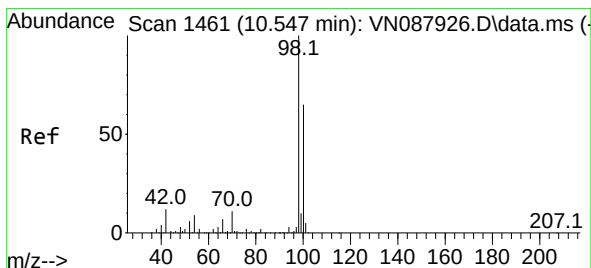
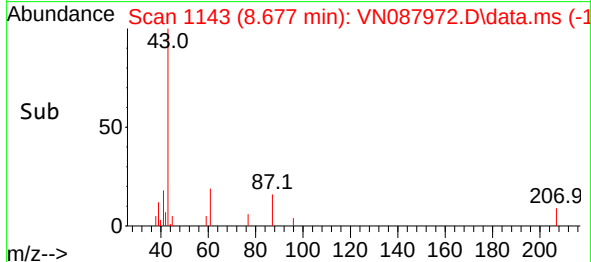
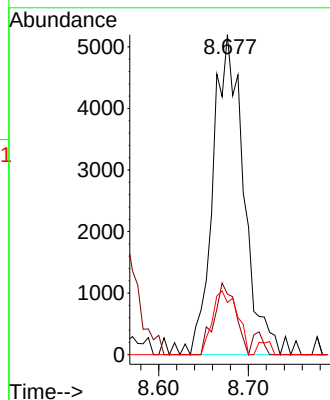
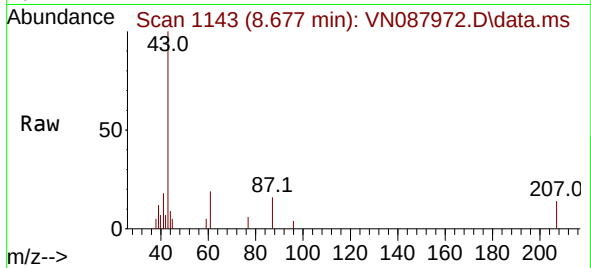




#43
Isopropyl Acetate
Concen: 1.705 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

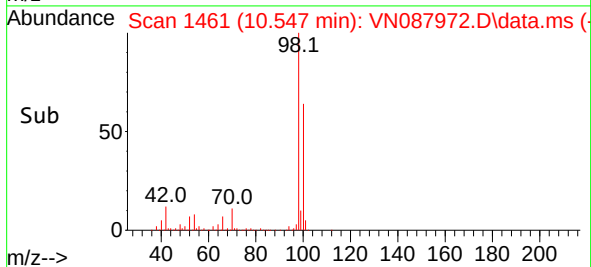
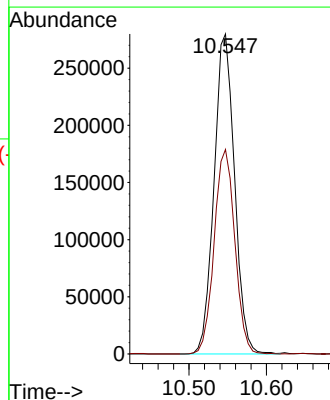
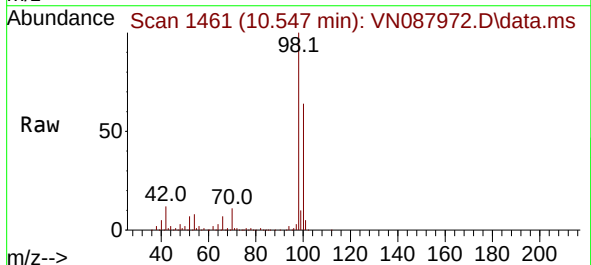
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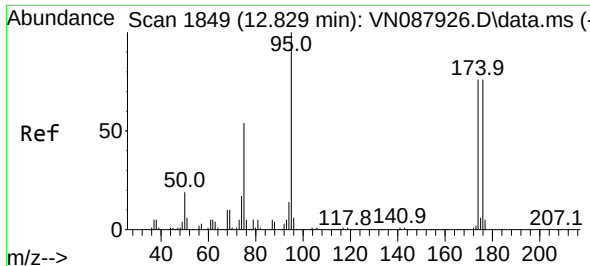
Tgt Ion: 43 Resp: 12298
Ion Ratio Lower Upper
43 100
61 15.7 20.2 30.2#
87 16.1 10.9 16.3



#50
Toluene-d8
Concen: 50.447 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

Tgt Ion: 98 Resp: 514816
Ion Ratio Lower Upper
98 100
100 64.4 51.7 77.5

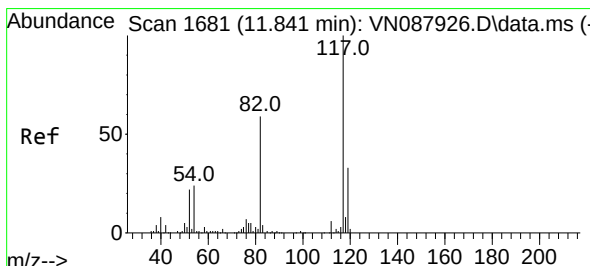
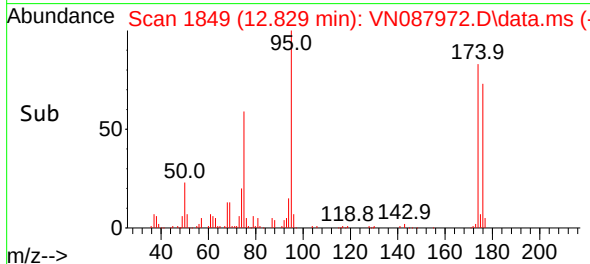
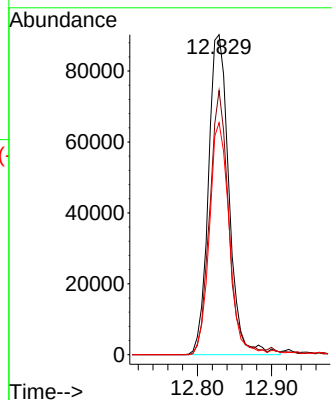
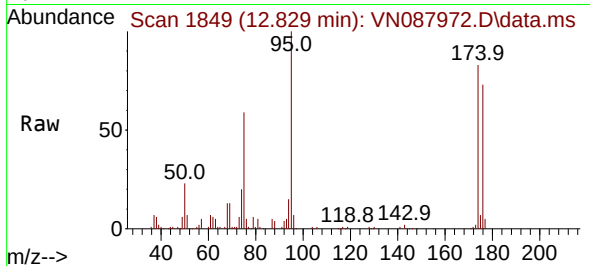




#62
4-Bromofluorobenzene
Concen: 47.548 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

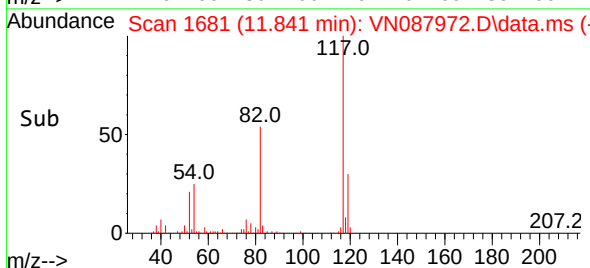
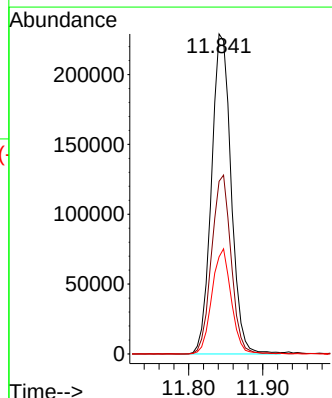
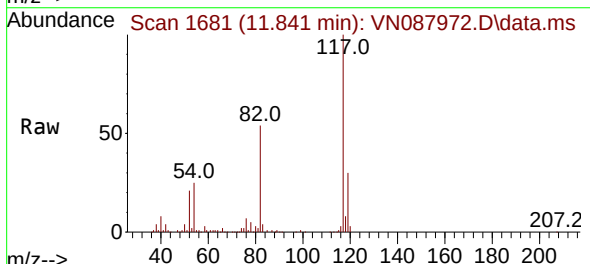
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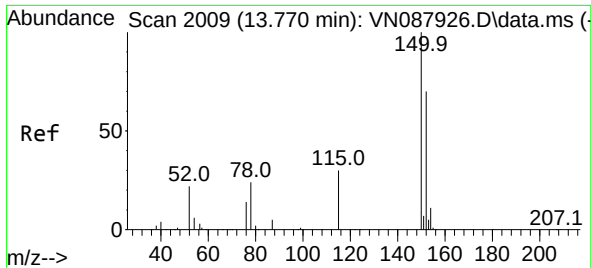
Tgt Ion: 95 Resp: 173446
Ion Ratio Lower Upper
95 100
174 76.2 0.0 159.2
176 70.2 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

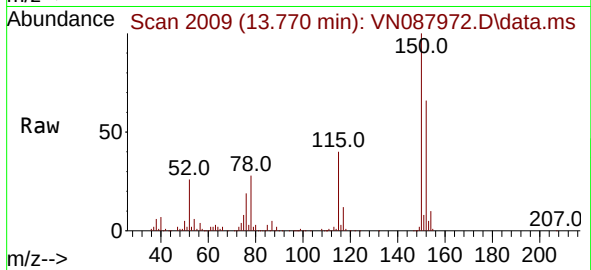
Tgt Ion: 117 Resp: 422262
Ion Ratio Lower Upper
117 100
82 54.0 47.0 70.4
119 30.4 26.1 39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN087972.D
Acq: 26 Sep 2025 17:13

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:	152	Resp:	190255
Ion Ratio	Lower	Upper	
152	100		
115	60.2	29.9	89.7
150	157.8	0.0	335.0

