

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087970.D
 Acq On : 26 Sep 2025 16:31
 Operator : JC\MD
 Sample : Q3183-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Sep 27 01:28:18 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)

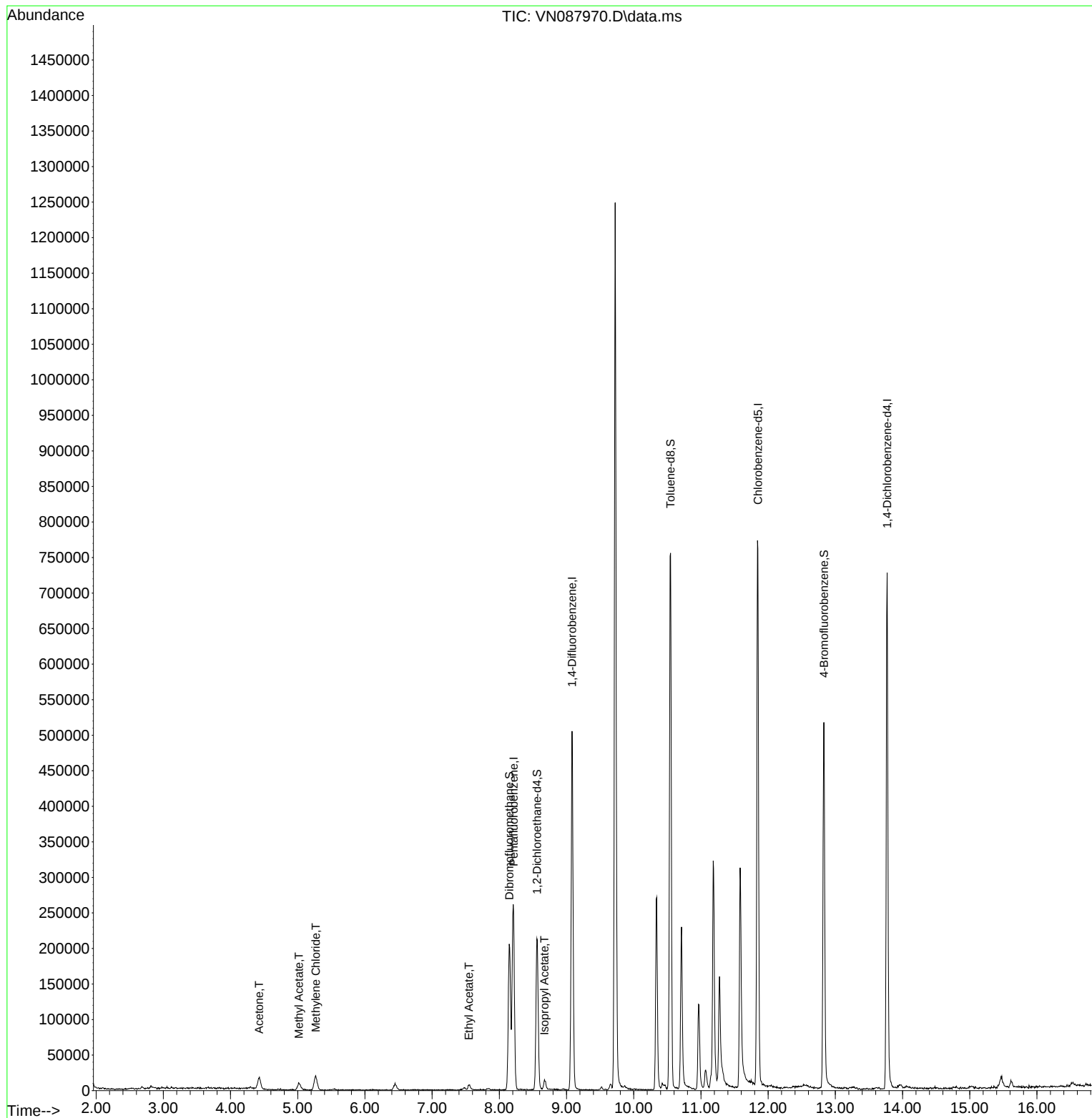
Internal Standards						
1) Pentafluorobenzene	8.212	168	186038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	417660	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	434715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	197936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	177640	56.738	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.480%	
35) Dibromofluoromethane	8.147	113	150016	49.470	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.940%	
50) Toluene-d8	10.547	98	537207	50.376	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.760%	
62) 4-Bromofluorobenzene	12.829	95	181935	47.730	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	95.460%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	30966	24.039	ug/l	90
18) Methyl Acetate	5.018	43	20262	6.285	ug/l	97
20) Methylene Chloride	5.271	84	15845	6.077	ug/l #	82
37) Ethyl Acetate	7.547	43	12913	2.697	ug/l #	96
43) Isopropyl Acetate	8.671	43	15785	2.094	ug/l	93

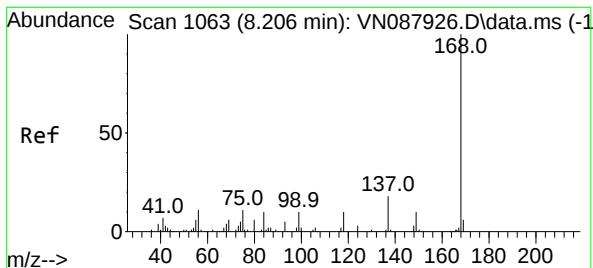
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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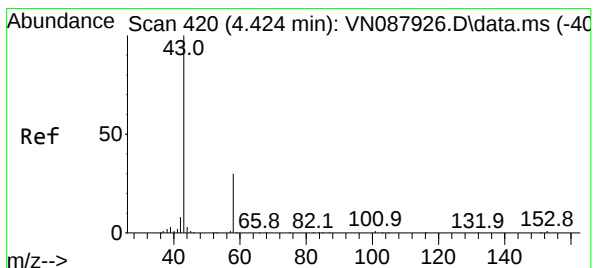
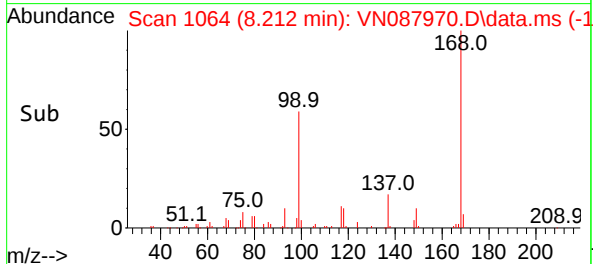
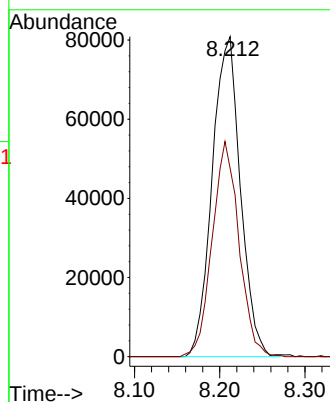
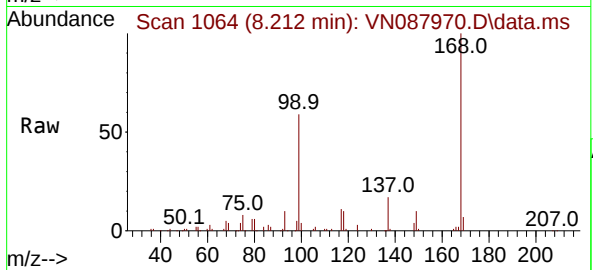




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087970.D
Acq: 26 Sep 2025 16:31

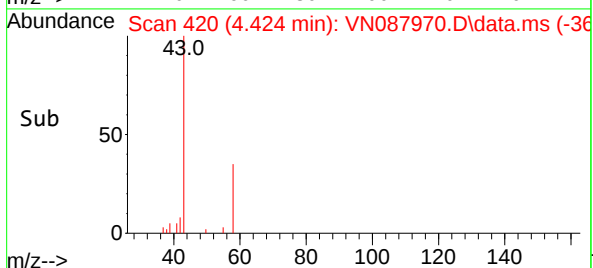
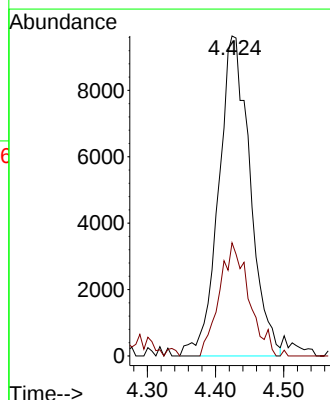
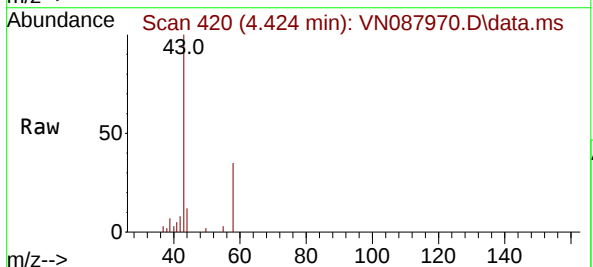
Instrument :
MSVOA_N
ClientSampleId :
WC-1

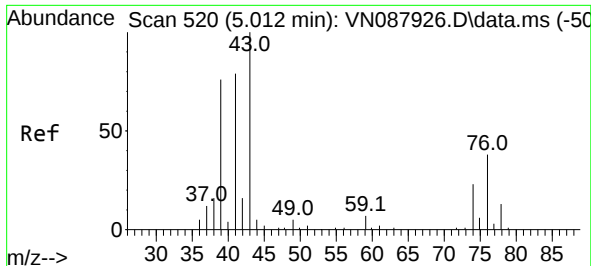
Tgt Ion:168 Resp: 186038
Ion Ratio Lower Upper
168 100
99 58.9 52.2 78.2



#16
Acetone
Concen: 24.039 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087970.D
Acq: 26 Sep 2025 16:31

Tgt Ion: 43 Resp: 30966
Ion Ratio Lower Upper
43 100
58 35.3 24.1 36.1

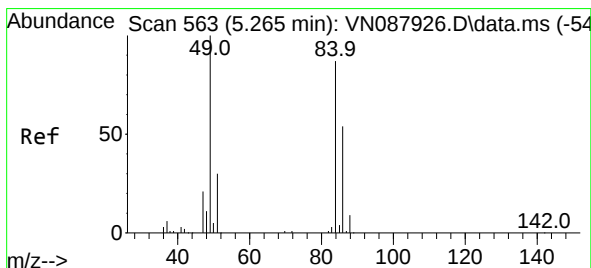
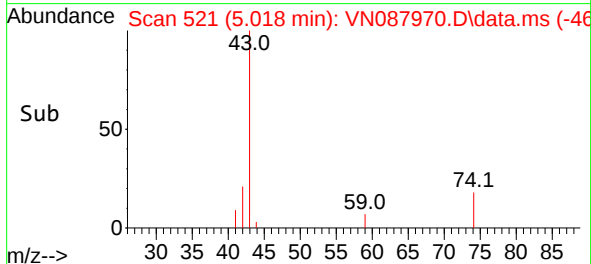
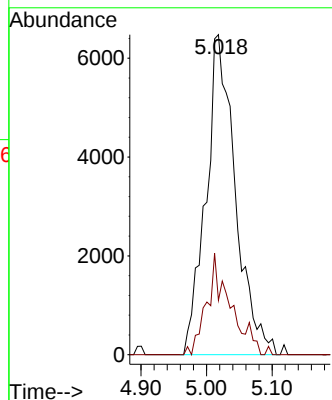
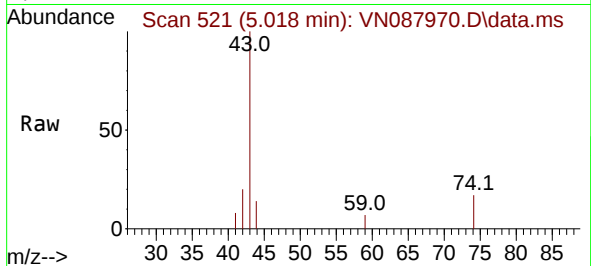




#18
Methyl Acetate
Concen: 6.285 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087970.D
Acq: 26 Sep 2025 16:31

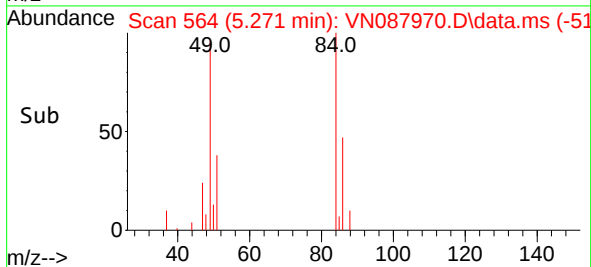
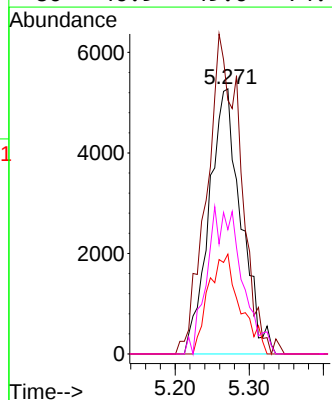
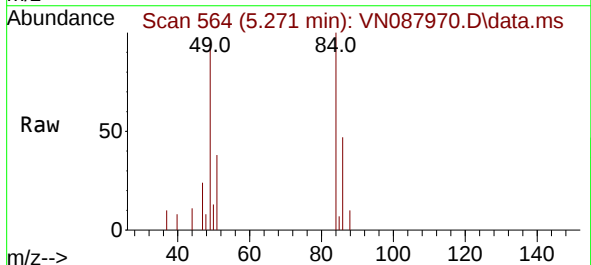
Instrument :
MSVOA_N
ClientSampleId :
WC-1

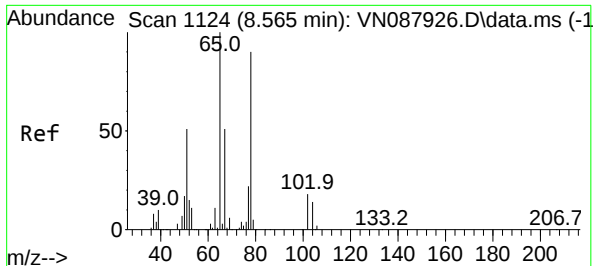
Tgt Ion: 43 Resp: 20262
Ion Ratio Lower Upper
43 100
74 23.1 19.7 29.5



#20
Methylene Chloride
Concen: 6.077 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087970.D
Acq: 26 Sep 2025 16:31

Tgt Ion: 84 Resp: 15845
Ion Ratio Lower Upper
84 100
49 92.8 92.1 138.1
51 37.6 27.7 41.5
86 46.9 49.6 74.4#





#33

1,2-Dichloroethane-d4

Concen: 56.738 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087970.D

Acq: 26 Sep 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

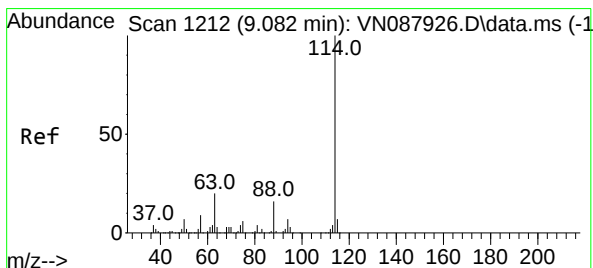
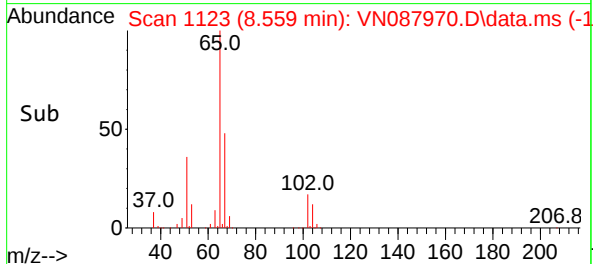
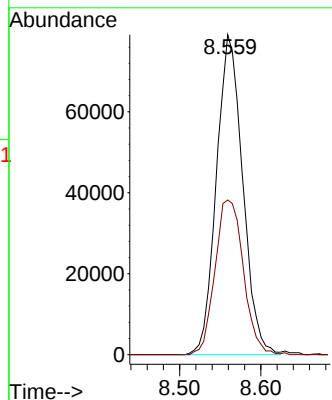
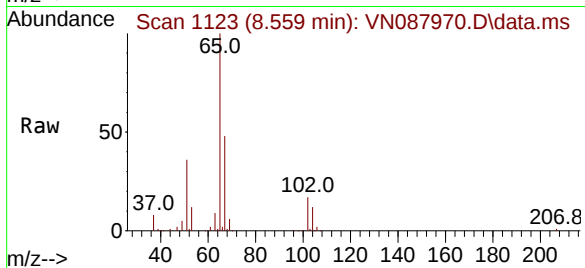
WC-1

Tgt Ion: 65 Resp: 177640

Ion Ratio Lower Upper

65 100

67 52.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087970.D

Acq: 26 Sep 2025 16:31

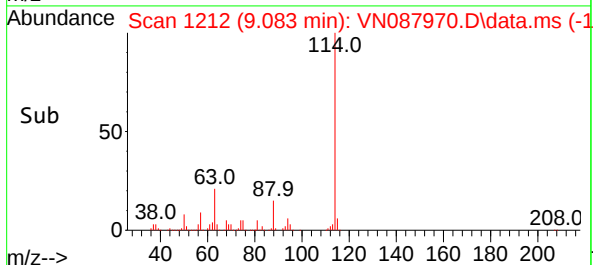
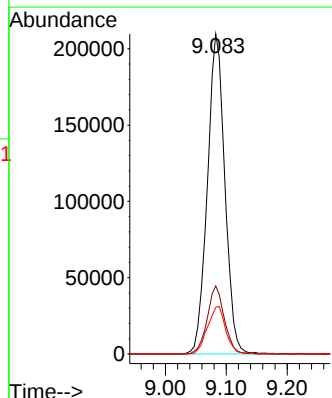
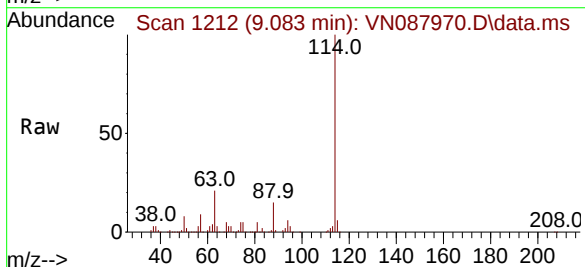
Tgt Ion:114 Resp: 417660

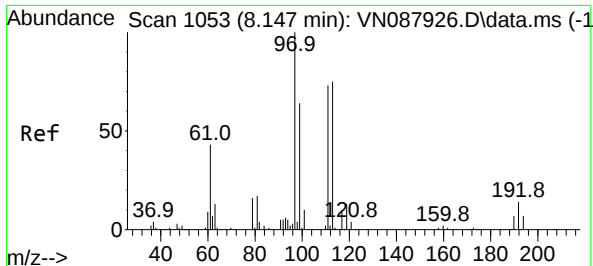
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 14.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.470 ug/l

RT: 8.147 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087970.D

Acq: 26 Sep 2025 16:31

Instrument :

MSVOA_N

ClientSampleId :

WC-1

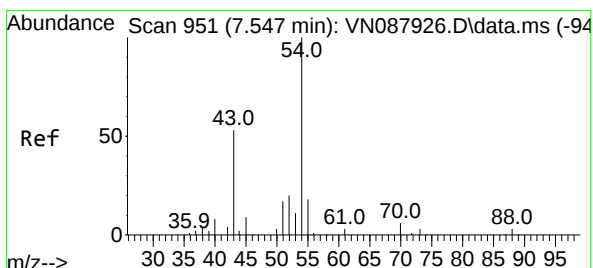
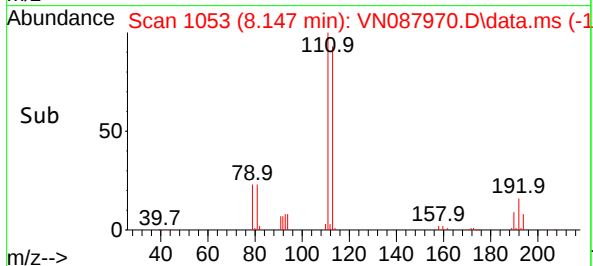
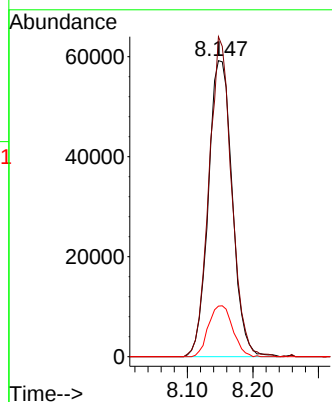
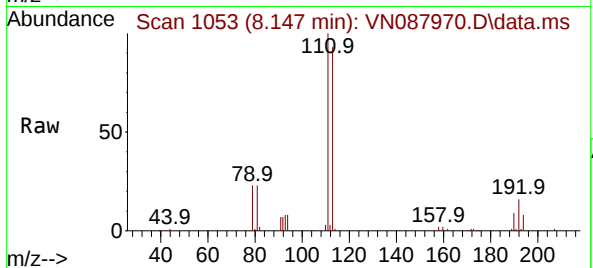
Tgt Ion:113 Resp: 150016

Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 17.4 14.2 21.2



#37

Ethyl Acetate

Concen: 2.697 ug/l

RT: 7.547 min Scan# 951

Delta R.T. 0.000 min

Lab File: VN087970.D

Acq: 26 Sep 2025 16:31

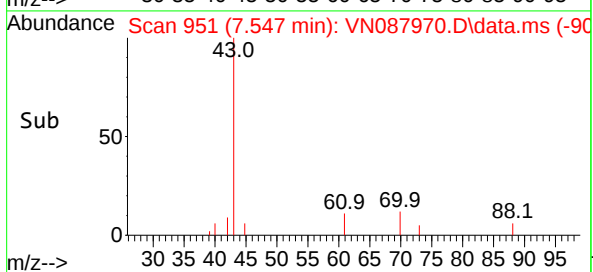
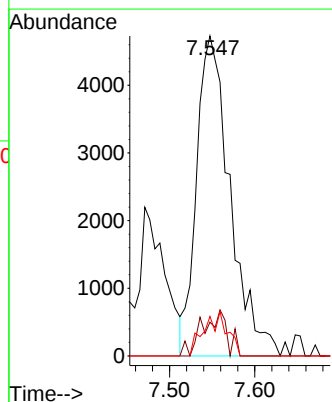
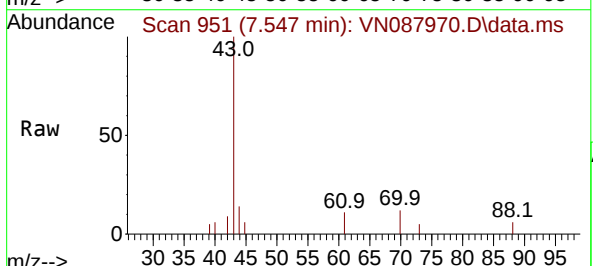
Tgt Ion: 43 Resp: 12913

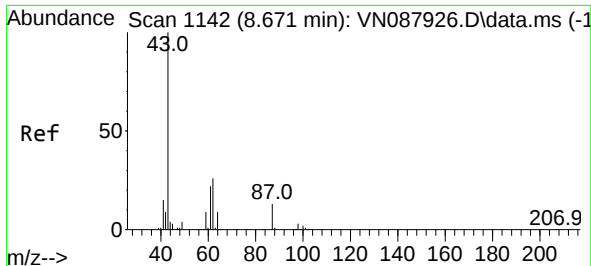
Ion Ratio Lower Upper

43 100

61 10.6 10.7 16.1#

70 9.7 7.8 11.8

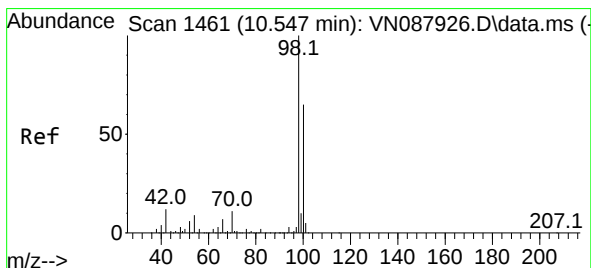
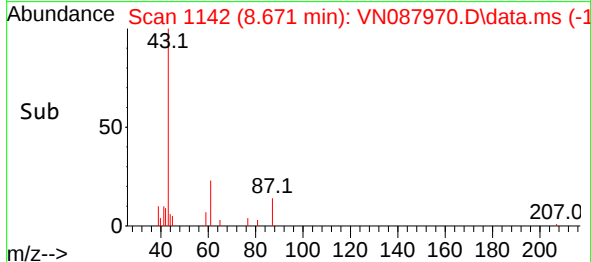
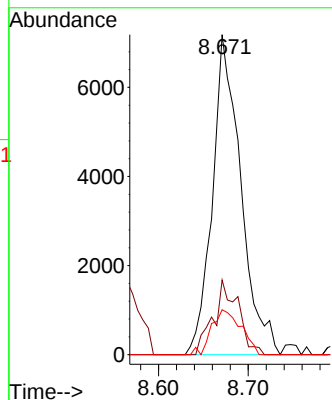
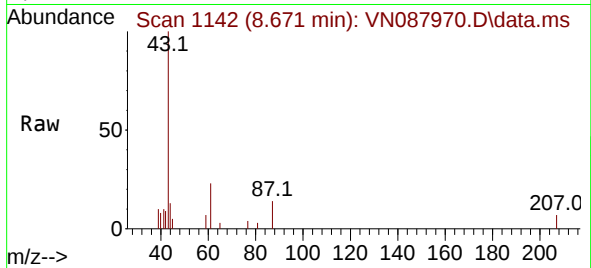




#43
Isopropyl Acetate
Concen: 2.094 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN087970.D
Acq: 26 Sep 2025 16:31

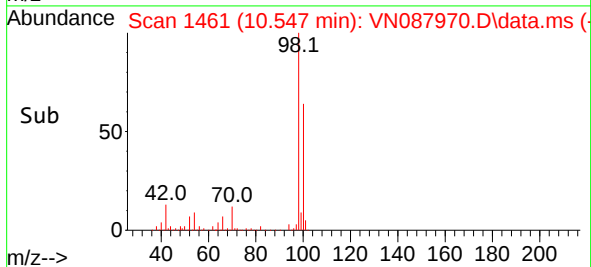
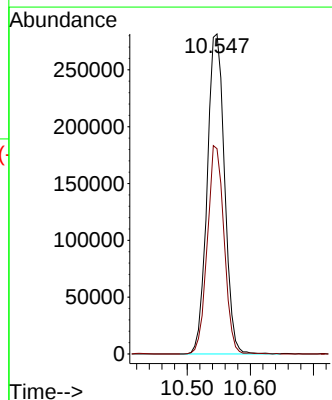
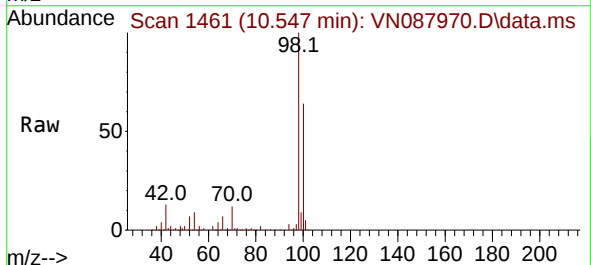
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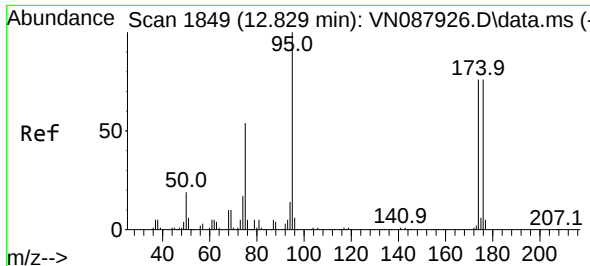
Tgt Ion: 43 Resp: 15785
Ion Ratio Lower Upper
43 100
61 20.4 20.2 30.2
87 14.6 10.9 16.3



#50
Toluene-d8
Concen: 50.376 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087970.D
Acq: 26 Sep 2025 16:31

Tgt Ion: 98 Resp: 537207
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5

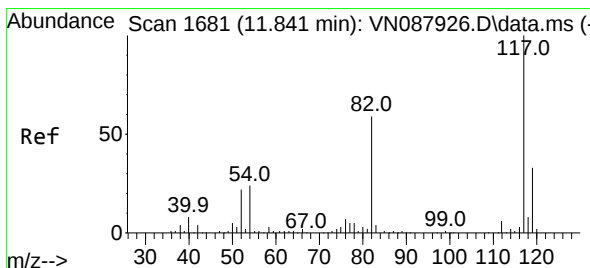
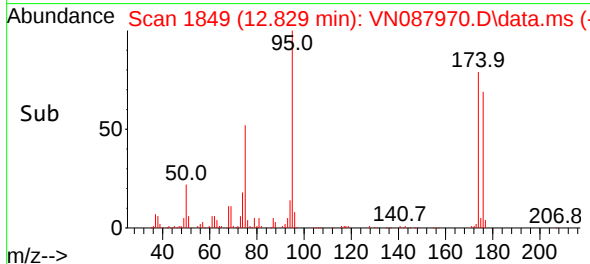
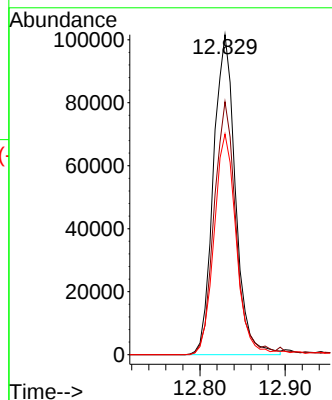
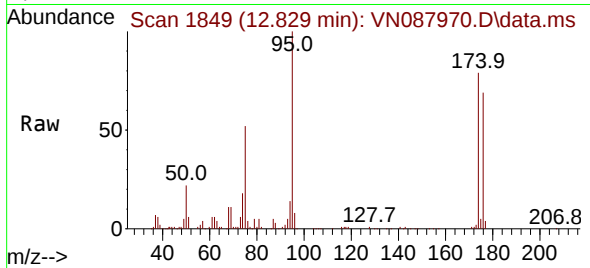




#62
4-Bromofluorobenzene
Concen: 47.730 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087970.D
Acq: 26 Sep 2025 16:31

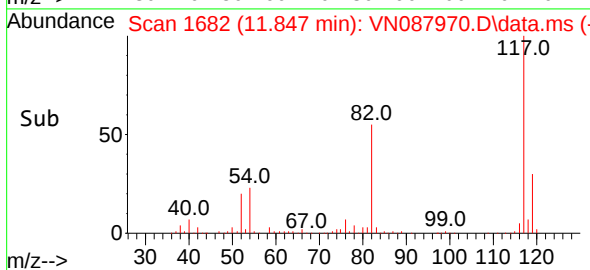
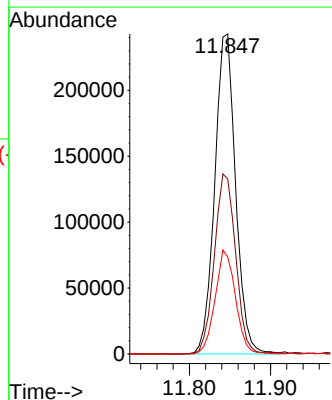
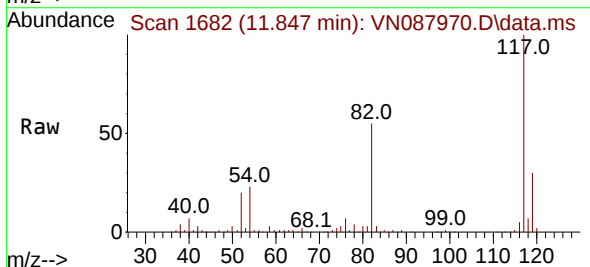
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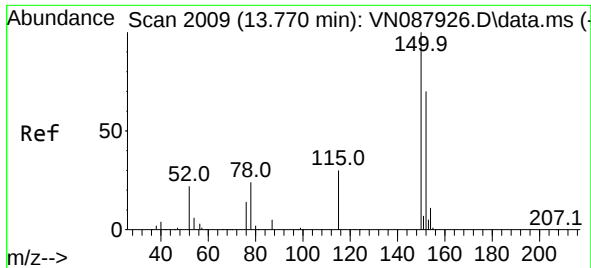
Tgt Ion: 95 Resp: 181935
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.2
176 70.4 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087970.D
Acq: 26 Sep 2025 16:31

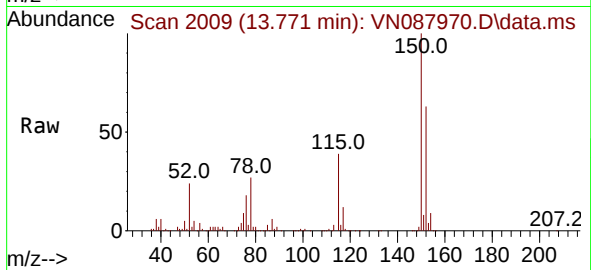
Tgt Ion: 117 Resp: 434715
Ion Ratio Lower Upper
117 100
82 54.7 47.0 70.4
119 30.3 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087970.D
 Acq: 26 Sep 2025 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1



Tgt Ion:152 Resp: 197936
 Ion Ratio Lower Upper
 152 100
 115 60.9 29.9 89.7
 150 158.5 0.0 335.0

