

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087973.D
 Acq On : 26 Sep 2025 17:34
 Operator : JC\MD
 Sample : Q3208-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-ESM-COMP-01

Quant Time: Sep 27 01:29:48 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)

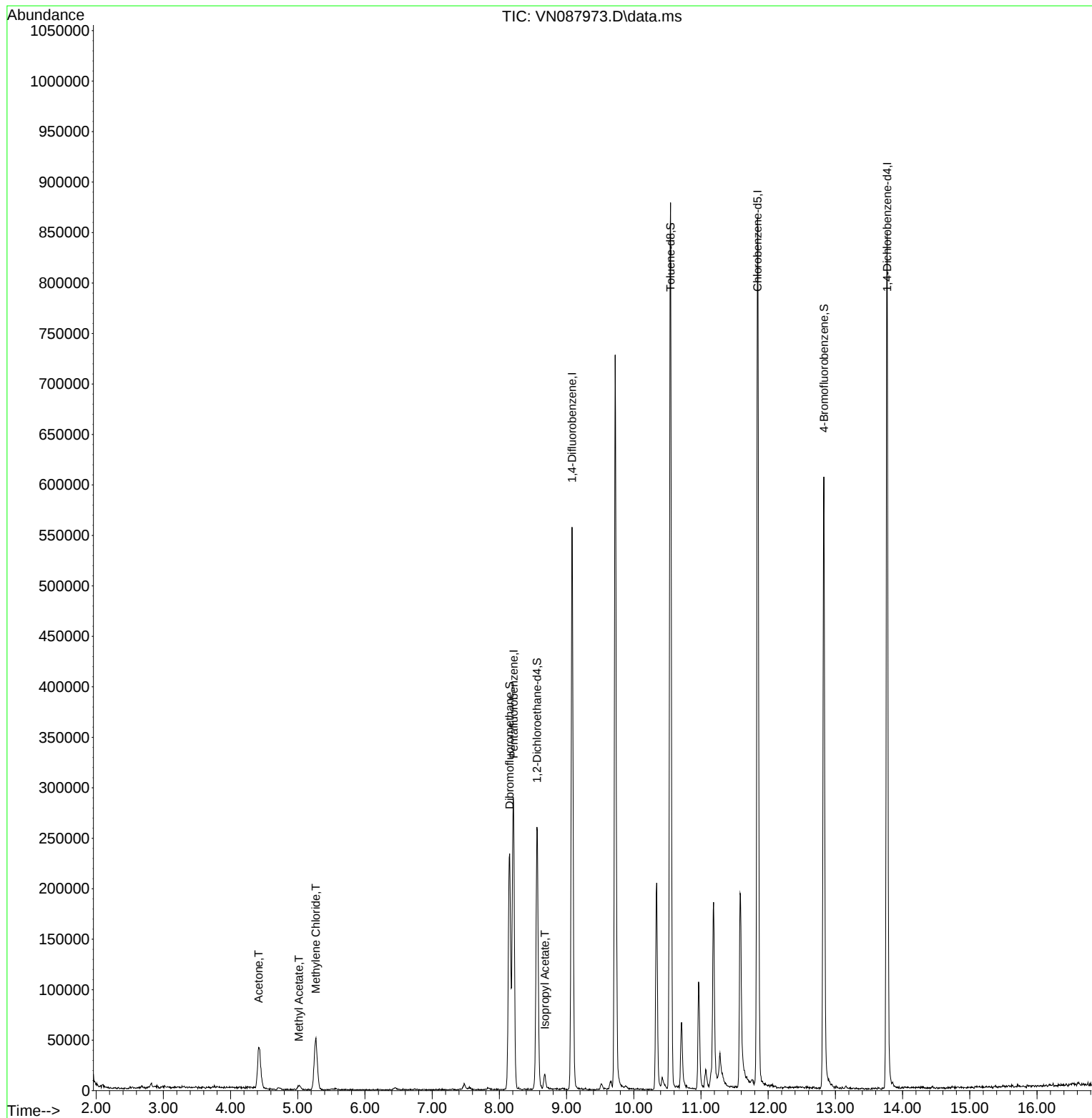
Internal Standards						
1) Pentafluorobenzene	8.212	168	202931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	462742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	496499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	230326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	209804	61.433	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.860%	
35) Dibromofluoromethane	8.153	113	170667	50.797	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.600%	
50) Toluene-d8	10.547	98	600672	50.840	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.829	95	209221	49.541	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.080%	
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	85936	61.158	ug/l	99
18) Methyl Acetate	5.018	43	9047	2.573	ug/l #	77
20) Methylene Chloride	5.271	84	40353	14.188	ug/l	89
43) Isopropyl Acetate	8.677	43	16997	2.035	ug/l	95

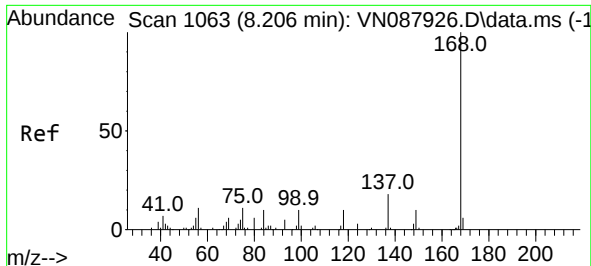
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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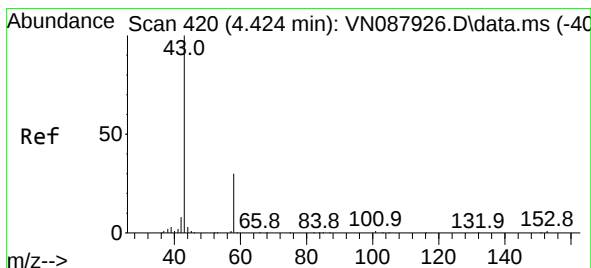
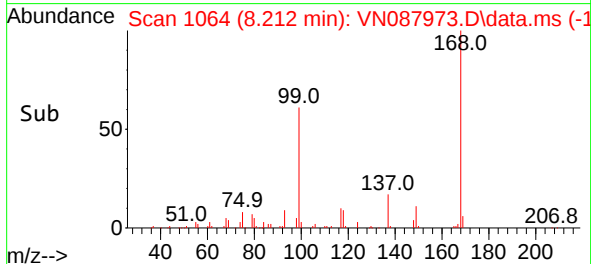
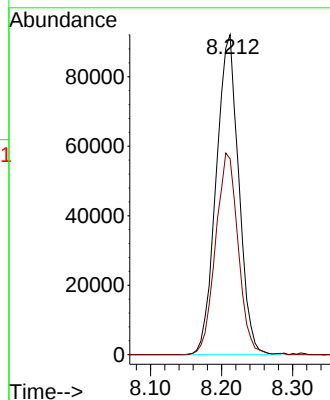
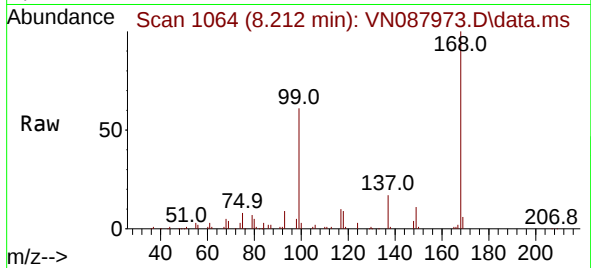




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN087973.D
Acq: 26 Sep 2025 17:34

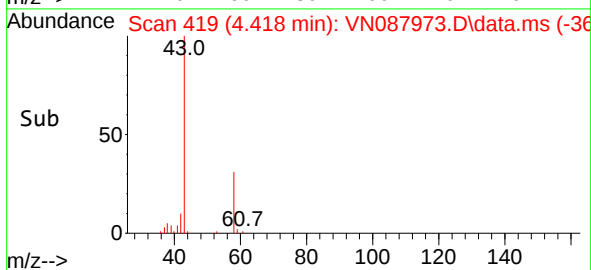
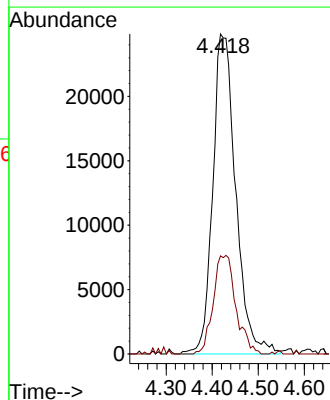
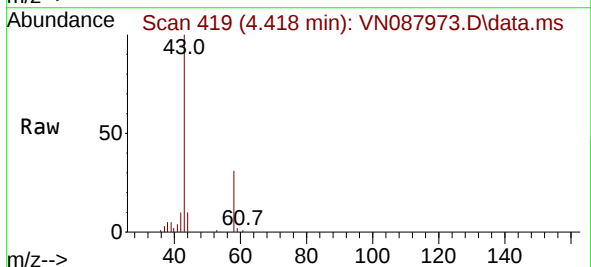
Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-01

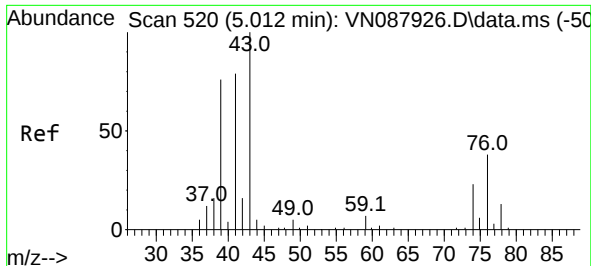
Tgt Ion:168 Resp: 202931
Ion Ratio Lower Upper
168 100
99 61.2 52.2 78.2



#16
Acetone
Concen: 61.158 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087973.D
Acq: 26 Sep 2025 17:34

Tgt Ion: 43 Resp: 85936
Ion Ratio Lower Upper
43 100
58 30.6 24.1 36.1

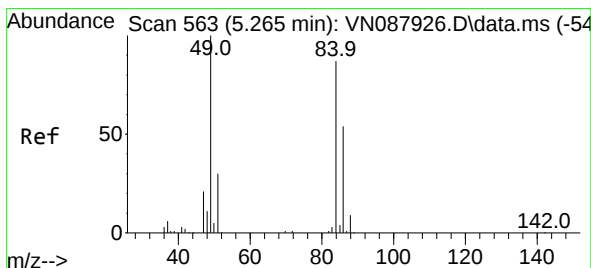
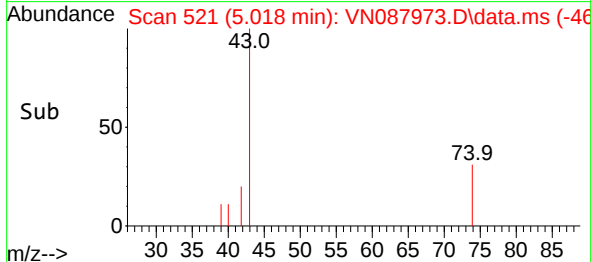
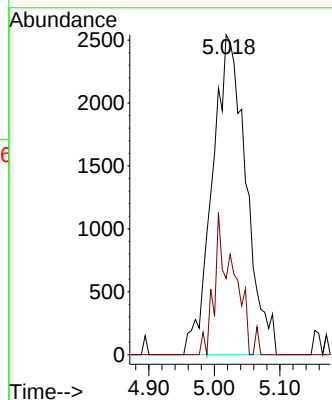
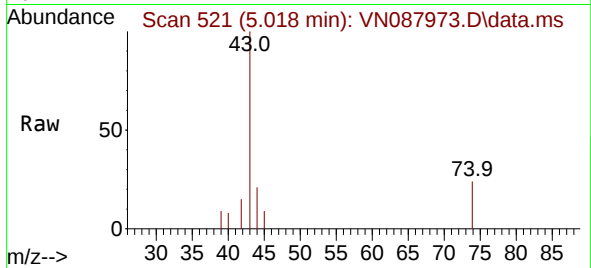




#18
Methyl Acetate
Concen: 2.573 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087973.D
Acq: 26 Sep 2025 17:34

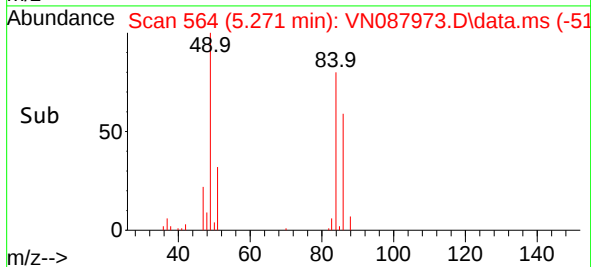
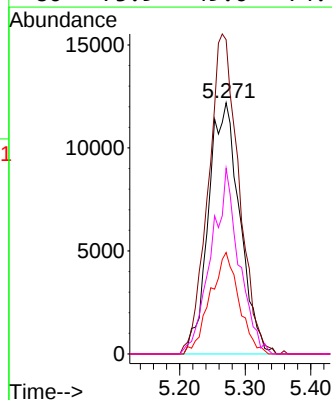
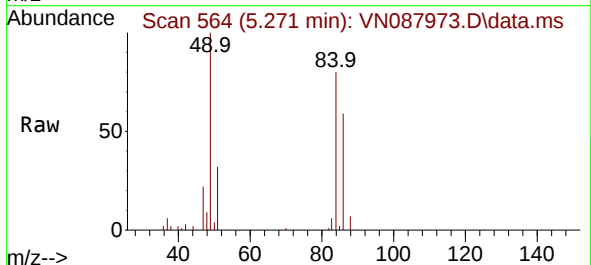
Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-01

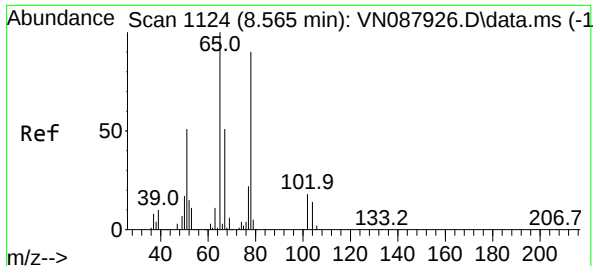
Tgt Ion: 43 Resp: 9047
Ion Ratio Lower Upper
43 100
74 13.3 19.7 29.5#



#20
Methylene Chloride
Concen: 14.188 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087973.D
Acq: 26 Sep 2025 17:34

Tgt Ion: 84 Resp: 40353
Ion Ratio Lower Upper
84 100
49 125.1 92.1 138.1
51 40.4 27.7 41.5
86 73.9 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 61.433 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087973.D

Acq: 26 Sep 2025 17:34

Instrument :

MSVOA_N

ClientSampleId :

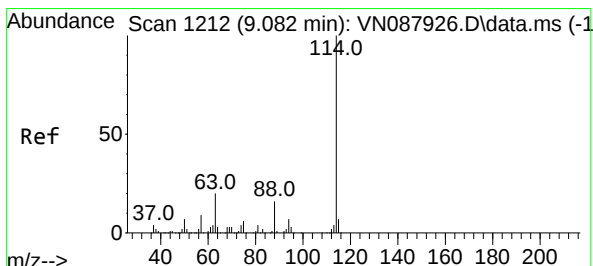
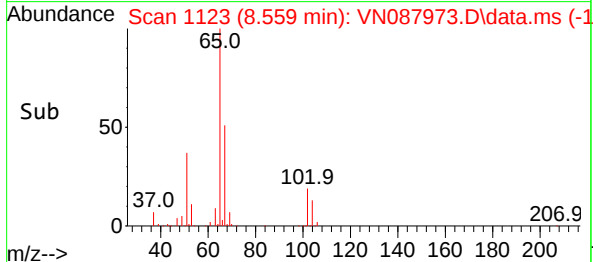
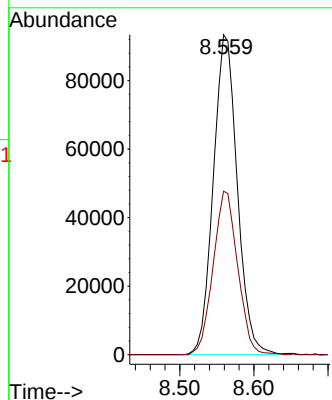
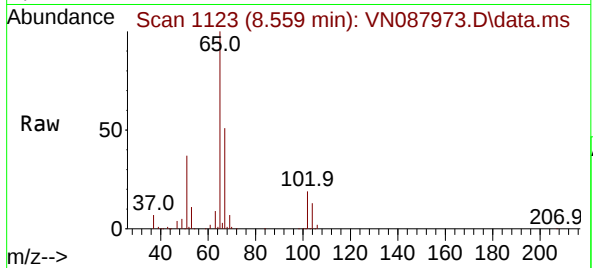
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Tgt Ion: 65 Resp: 209804

Ion Ratio Lower Upper

65 100

67 52.2 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: VN087973.D

Acq: 26 Sep 2025 17:34

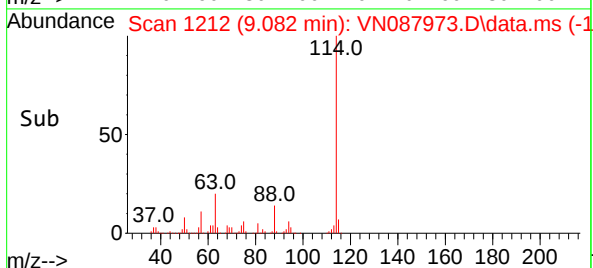
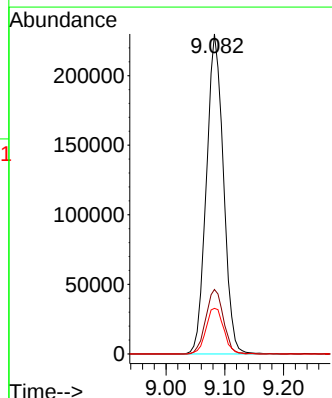
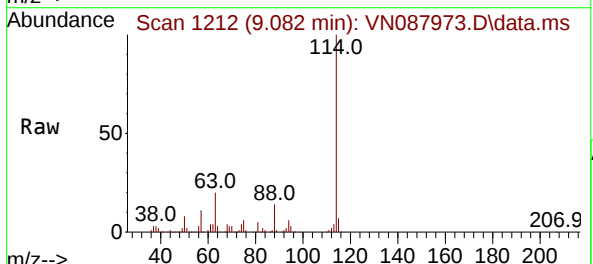
Tgt Ion: 114 Resp: 462742

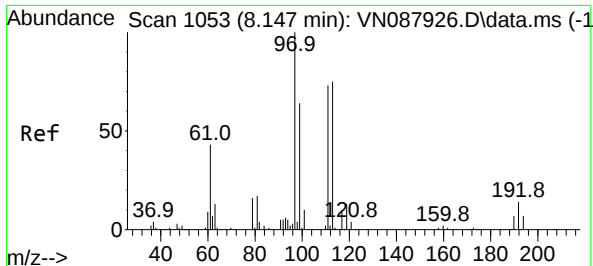
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 14.2 0.0 31.8

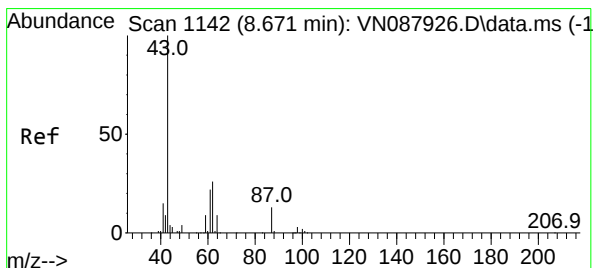
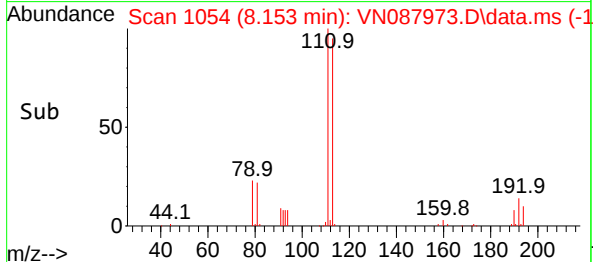
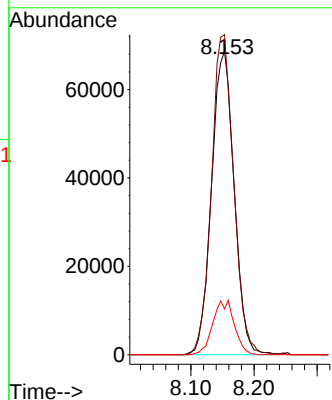
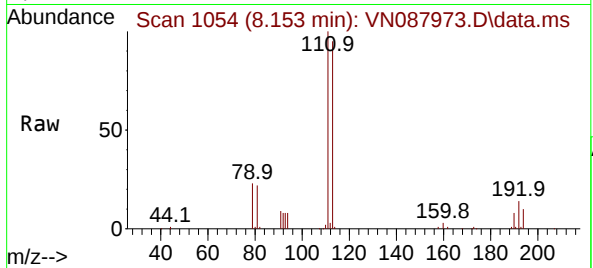




#35
 Dibromofluoromethane
 Concen: 50.797 ug/l
 RT: 8.153 min Scan# 1105
 Delta R.T. 0.006 min
 Lab File: VN087973.D
 Acq: 26 Sep 2025 17:34

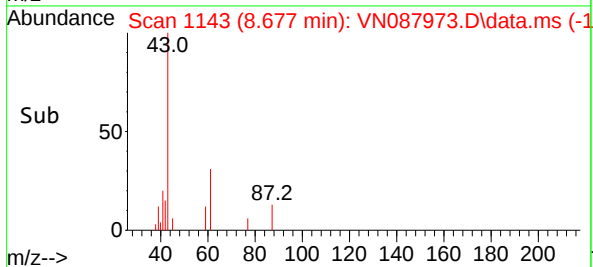
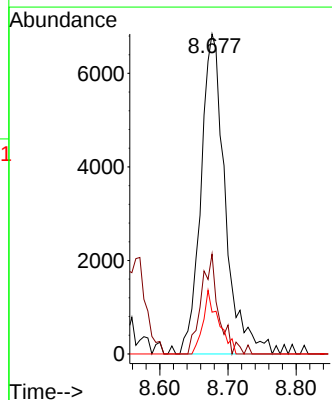
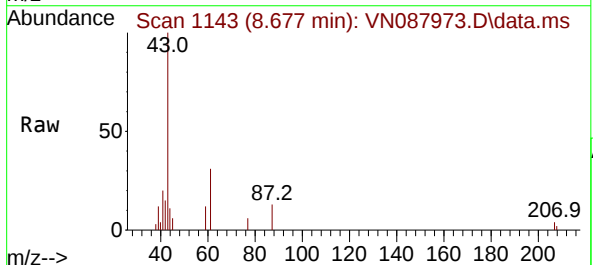
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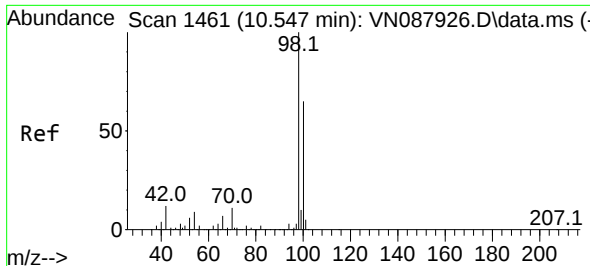
Tgt Ion:113 Resp: 170667
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 17.1 14.2 21.2



#43
 Isopropyl Acetate
 Concen: 2.035 ug/l
 RT: 8.677 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VN087973.D
 Acq: 26 Sep 2025 17:34

Tgt Ion: 43 Resp: 16997
 Ion Ratio Lower Upper
 43 100
 61 22.2 20.2 30.2
 87 12.8 10.9 16.3

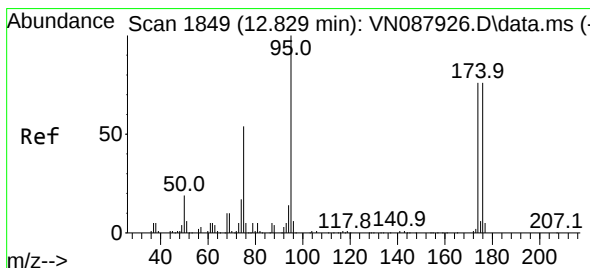
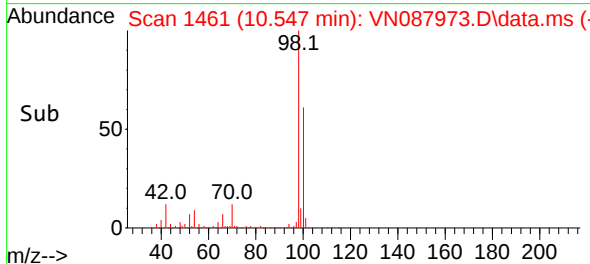
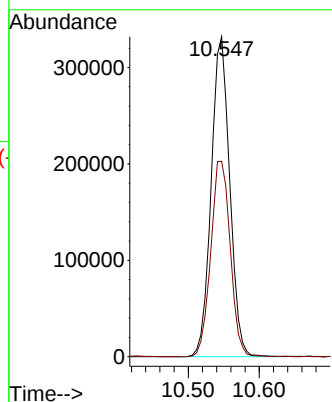
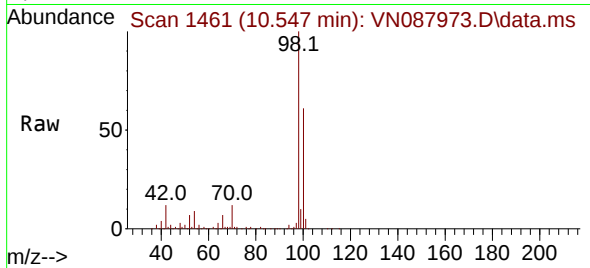




#50
Toluene-d8
Concen: 50.840 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087973.D
Acq: 26 Sep 2025 17:34

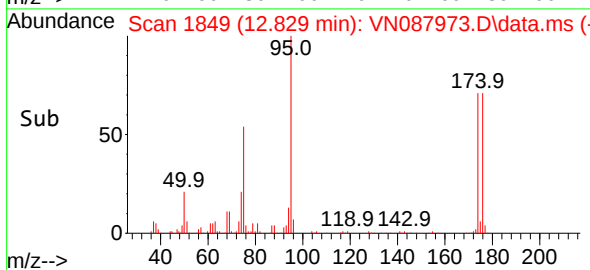
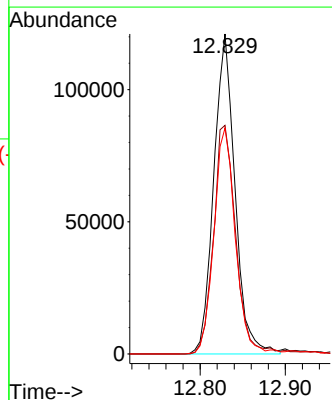
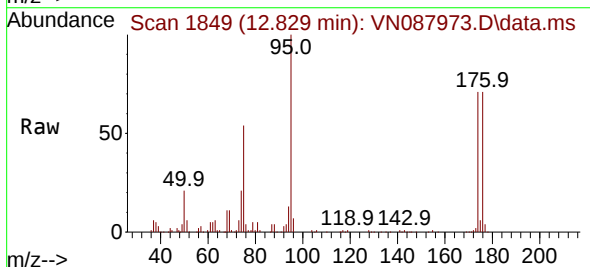
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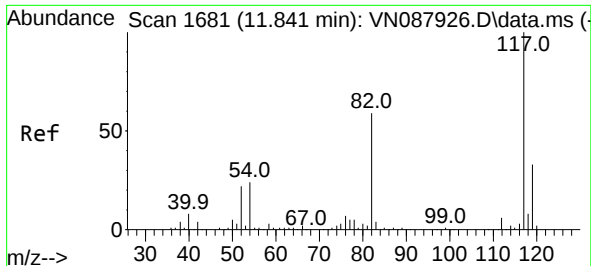
Tgt Ion: 98 Resp: 600672
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 49.541 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087973.D
Acq: 26 Sep 2025 17:34

Tgt Ion: 95 Resp: 209221
Ion Ratio Lower Upper
95 100
174 75.4 0.0 159.2
176 71.8 0.0 152.6

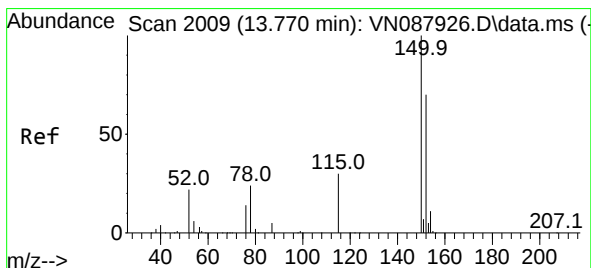
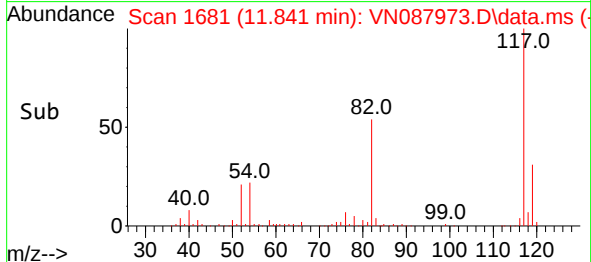
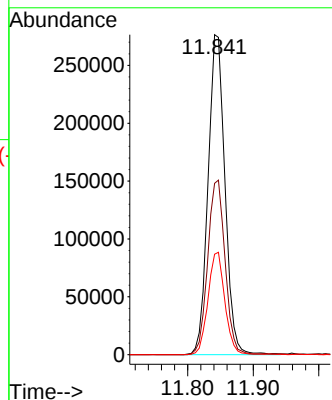
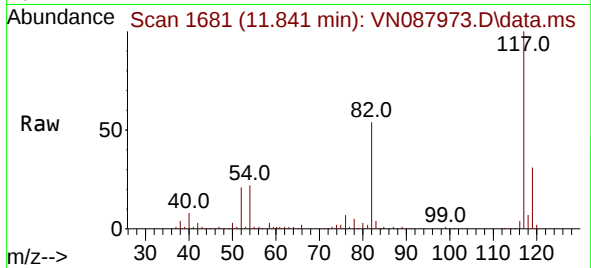




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087973.D
Acq: 26 Sep 2025 17:34

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 496499
Ion Ratio Lower Upper
117 100
82 53.6 47.0 70.4
119 31.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VN087973.D
Acq: 26 Sep 2025 17:34

Tgt Ion:152 Resp: 230326
Ion Ratio Lower Upper
152 100
115 61.2 29.9 89.7
150 155.3 0.0 335.0

