

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091525\
 Data File : VN087827.D
 Acq On : 15 Sep 2025 11:32
 Operator : JC\MD
 Sample : PB169678TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB169678TB

Quant Time: Sep 16 01:33:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

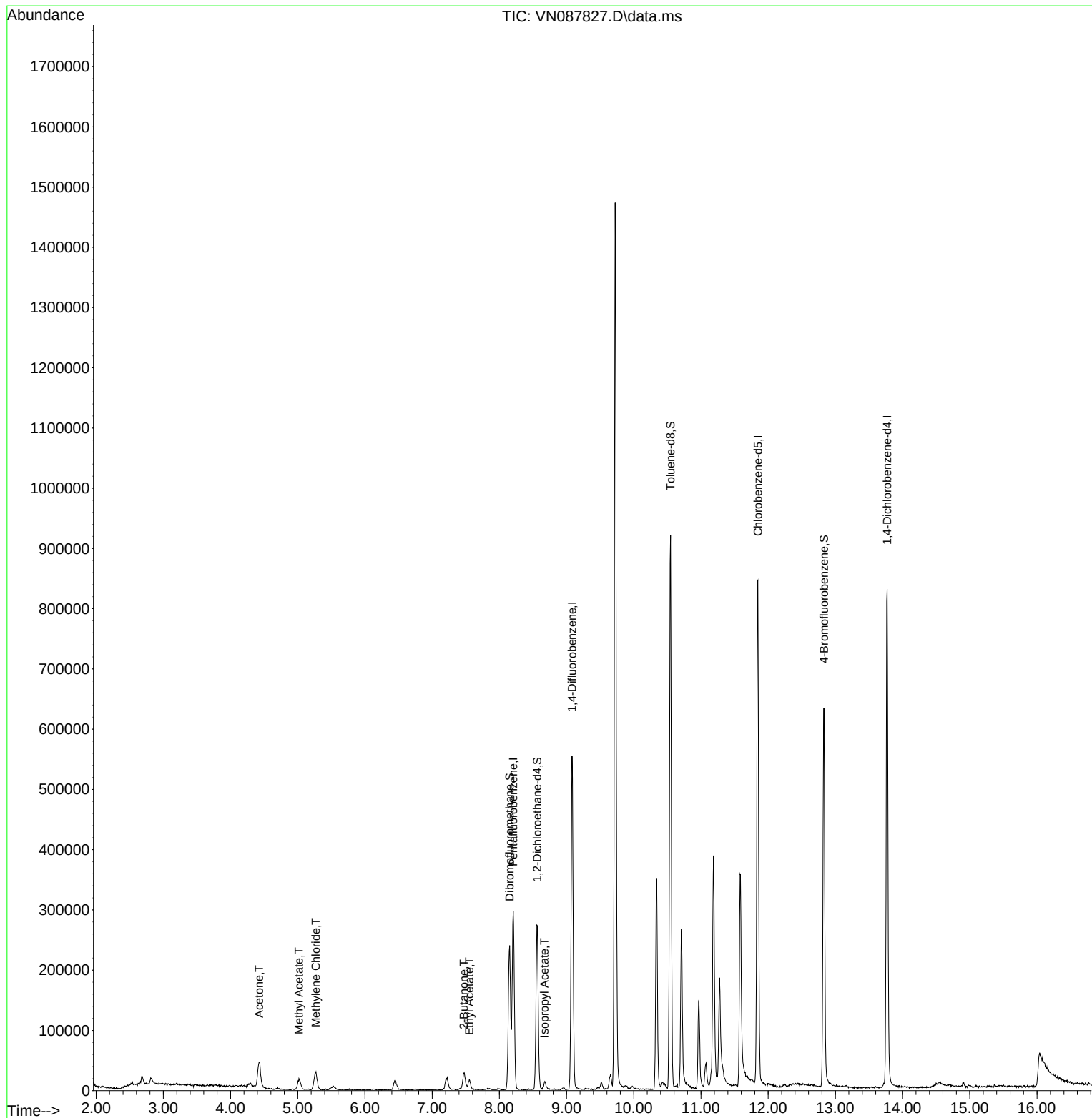
Internal Standards						
1) Pentafluorobenzene	8.206	168	202248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	460940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	473166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	225391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	224341	54.139	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.280%		
35) Dibromofluoromethane	8.153	113	173981	52.278	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.560%		
50) Toluene-d8	10.547	98	614315	49.319	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.640%		
62) 4-Bromofluorobenzene	12.829	95	221236	49.943	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.880%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	81922	36.317	ug/l	99
18) Methyl Acetate	5.018	43	36536	7.736	ug/l	97
20) Methylene Chloride	5.271	84	22301	5.736	ug/l #	86
25) 2-Butanone	7.471	43	45778	15.425	ug/l	94
37) Ethyl Acetate	7.553	43	26633	3.817	ug/l #	94
43) Isopropyl Acetate	8.671	43	16289	1.495	ug/l #	92

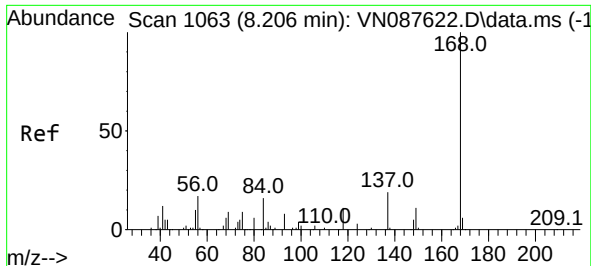
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 16 01:33:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

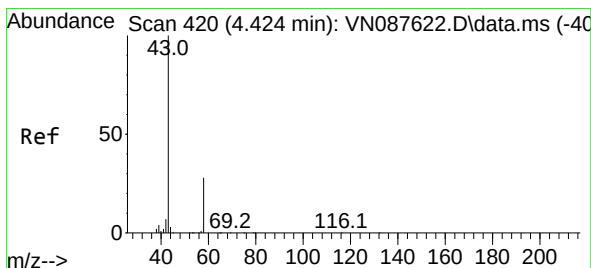
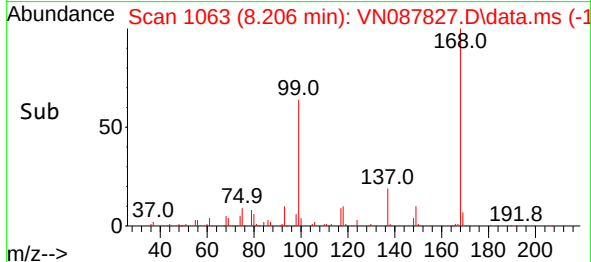
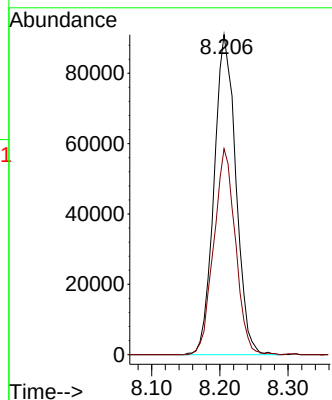
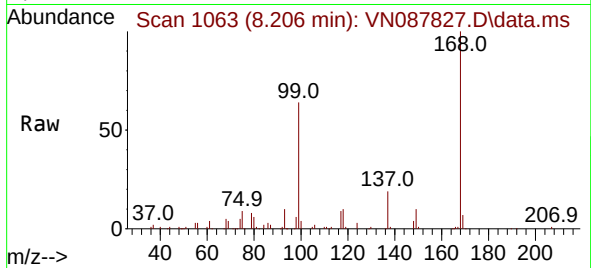




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

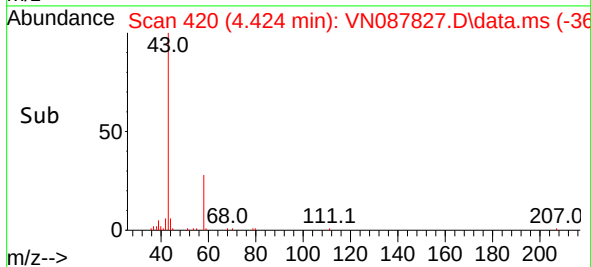
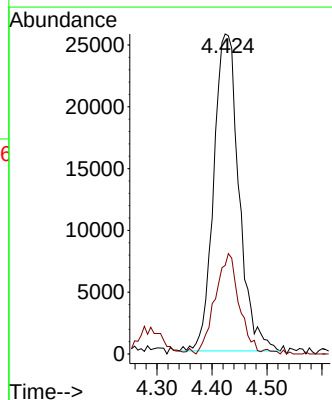
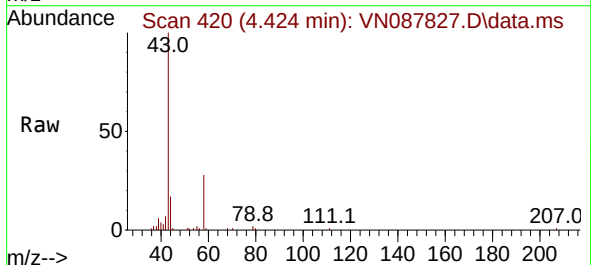
Instrument :
MSVOA_N
ClientSampleId :
PB169678TB

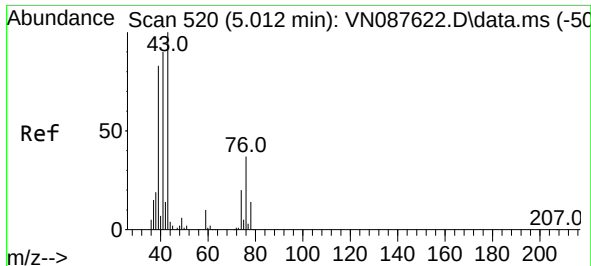
Tgt Ion:168 Resp: 202248
Ion Ratio Lower Upper
168 100
99 64.4 57.2 85.8



#16
Acetone
Concen: 36.317 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

Tgt Ion: 43 Resp: 81922
Ion Ratio Lower Upper
43 100
58 27.9 22.6 33.8

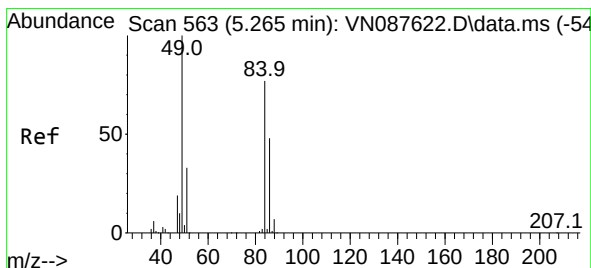
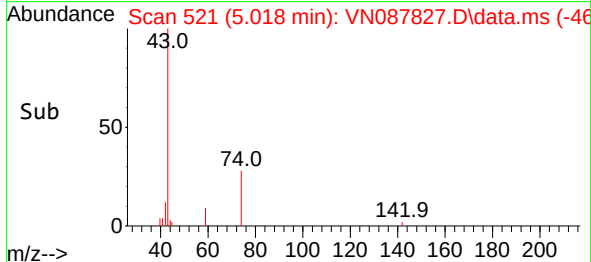
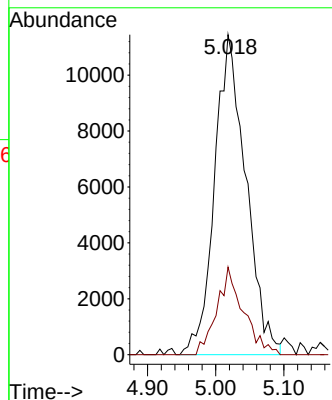
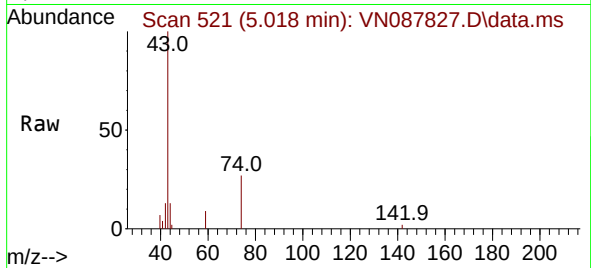




#18
Methyl Acetate
Concen: 7.736 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

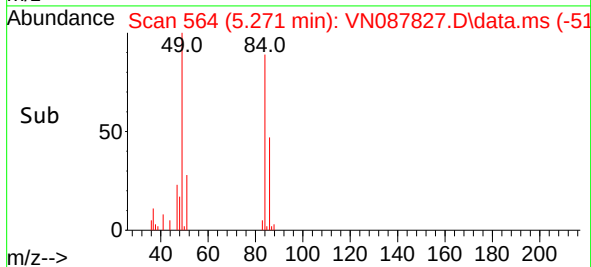
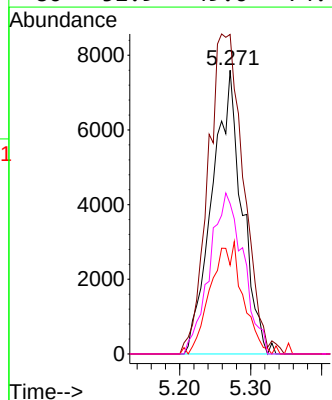
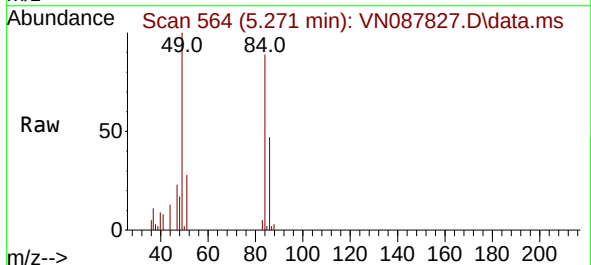
Instrument :
MSVOA_N
ClientSampleId :
PB169678TB

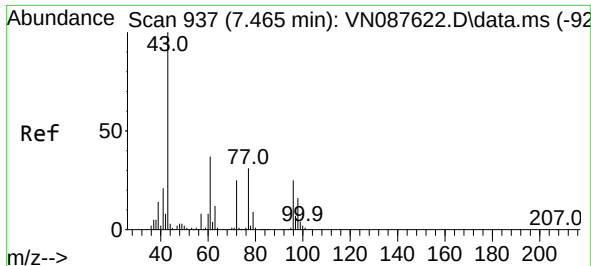
Tgt Ion: 43 Resp: 36536
Ion Ratio Lower Upper
43 100
74 23.3 17.6 26.4



#20
Methylene Chloride
Concen: 5.736 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

Tgt Ion: 84 Resp: 22301
Ion Ratio Lower Upper
84 100
49 112.6 103.4 155.2
51 31.3 33.8 50.8#
86 52.9 49.6 74.4

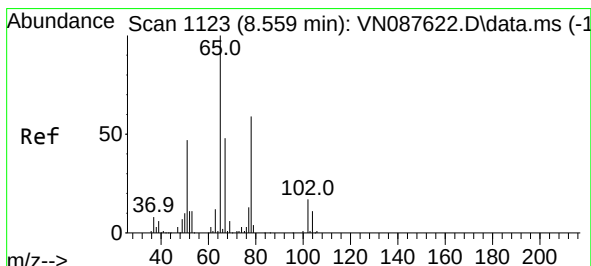
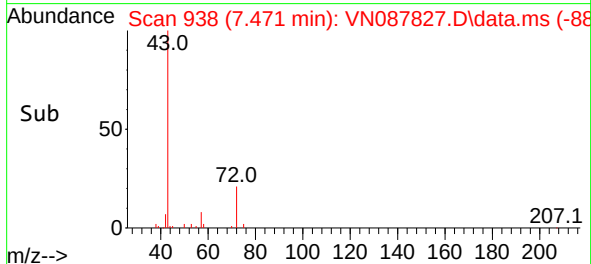
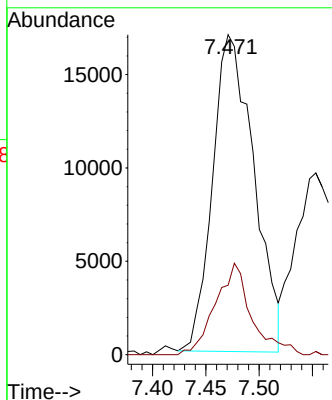
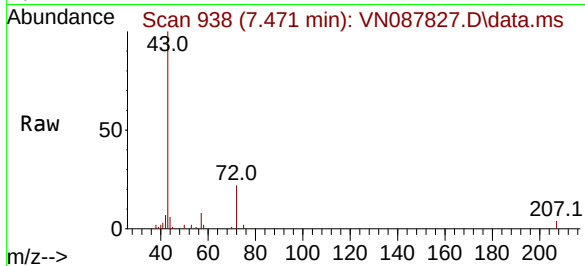




#25
2-Butanone
Concen: 15.425 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

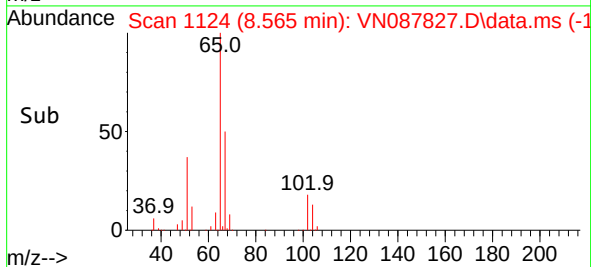
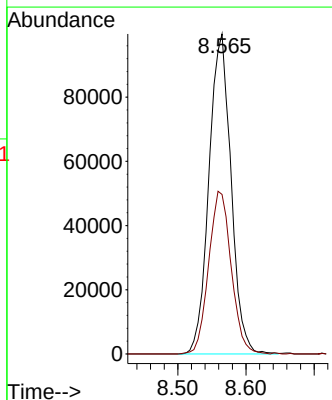
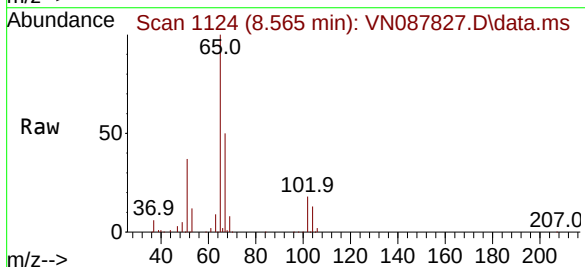
Instrument :
MSVOA_N
ClientSampleId :
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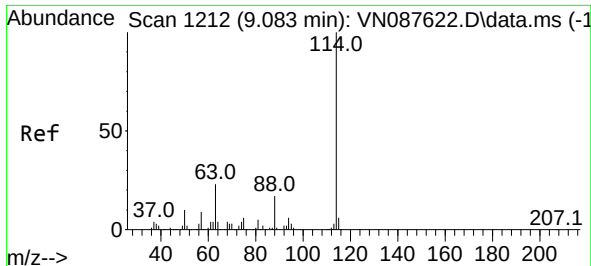
Tgt Ion: 43 Resp: 45778
Ion Ratio Lower Upper
43 100
72 22.0 19.9 29.9



#33
1,2-Dichloroethane-d4
Concen: 54.139 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

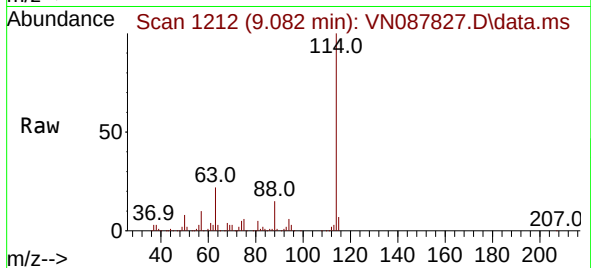
Tgt Ion: 65 Resp: 224341
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.0



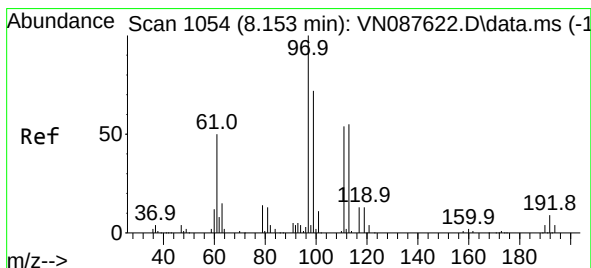
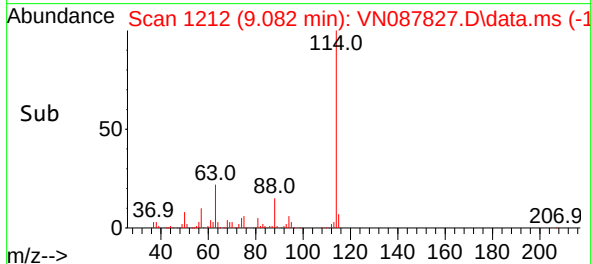
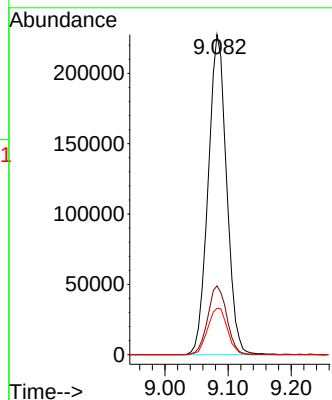


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
PB169678TB

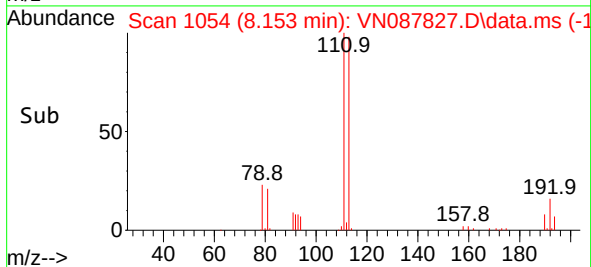
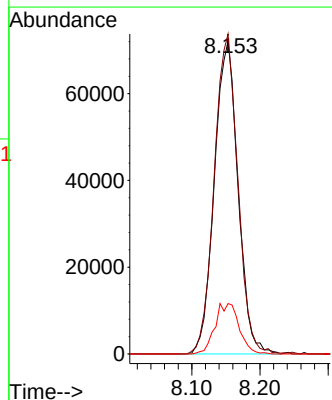
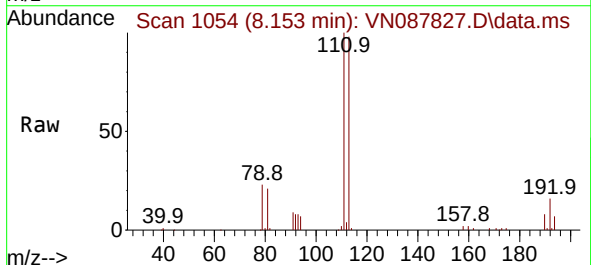


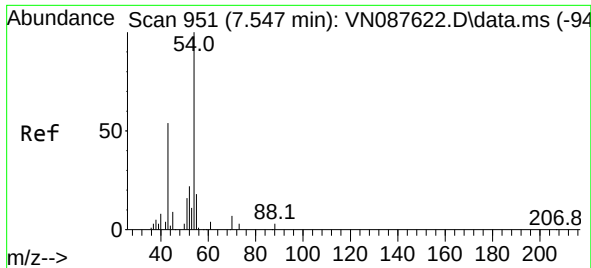
Tgt Ion:114 Resp: 460940
Ion Ratio Lower Upper
114 100
63 21.5 0.0 45.2
88 14.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.278 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

Tgt Ion:113 Resp: 173981
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 16.5 12.8 19.2

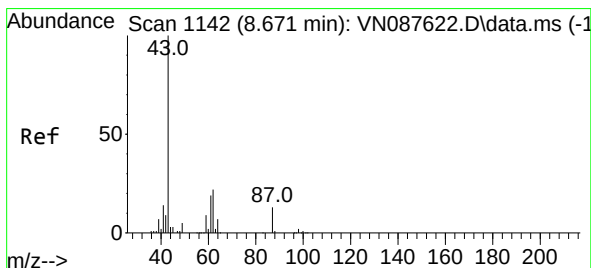
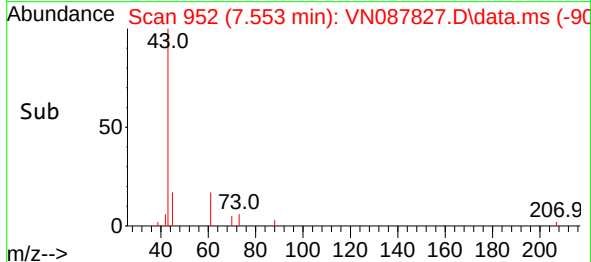
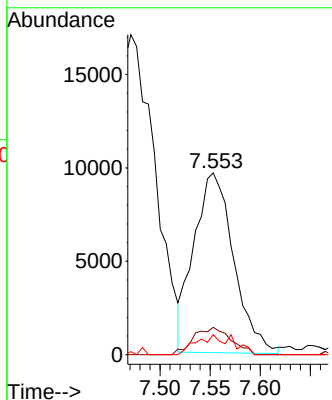
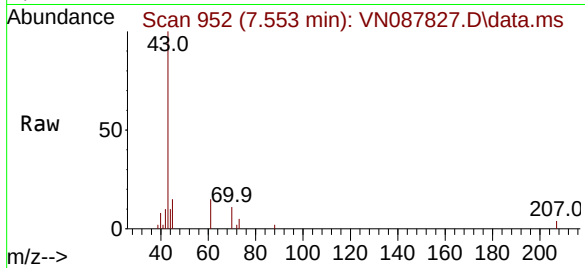




#37
Ethyl Acetate
Concen: 3.817 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

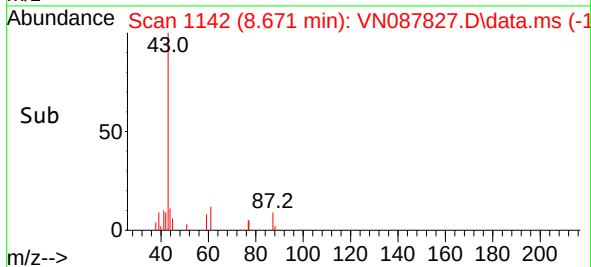
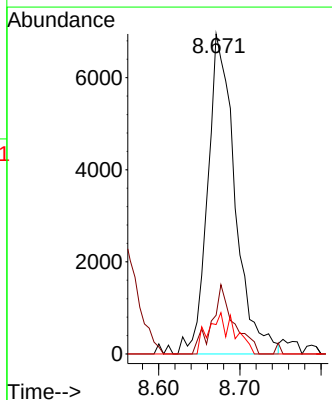
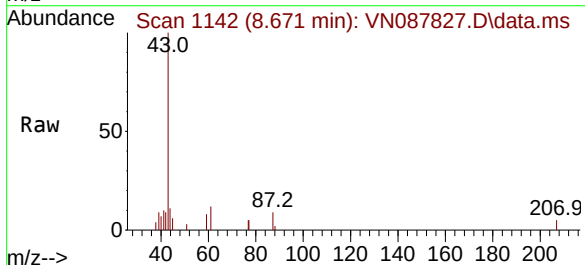
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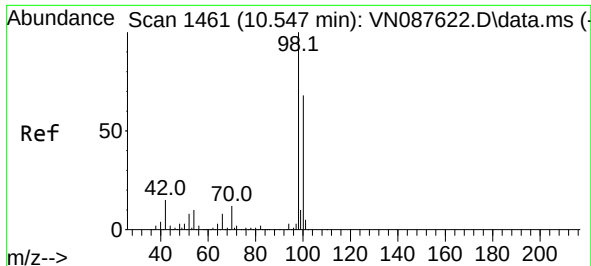
Tgt Ion: 43 Resp: 26633
Ion Ratio Lower Upper
43 100
61 14.2 9.3 13.9#
70 10.2 7.0 10.6



#43
Isopropyl Acetate
Concen: 1.495 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

Tgt Ion: 43 Resp: 16289
Ion Ratio Lower Upper
43 100
61 17.6 18.8 28.2#
87 12.3 9.6 14.4

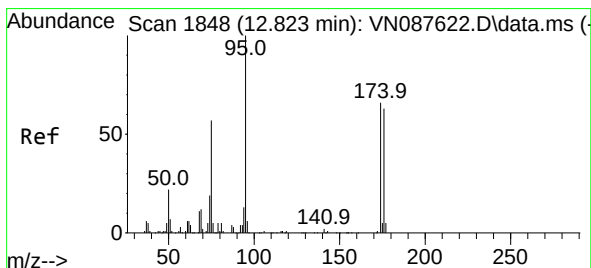
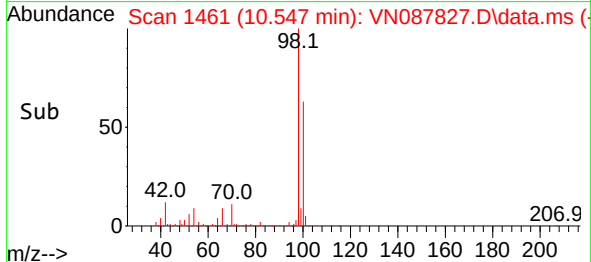
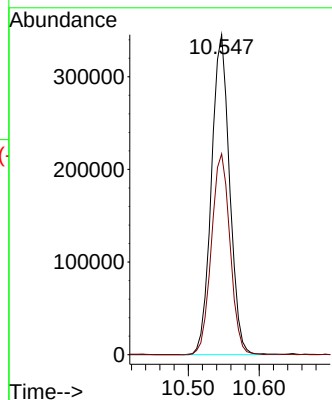
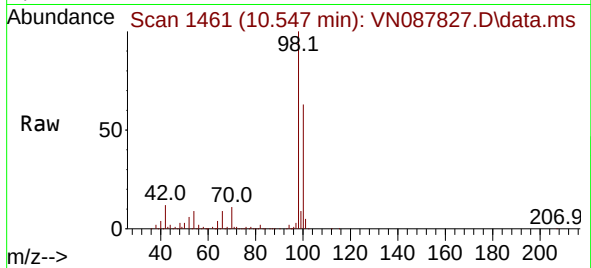




#50
Toluene-d8
Concen: 49.319 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

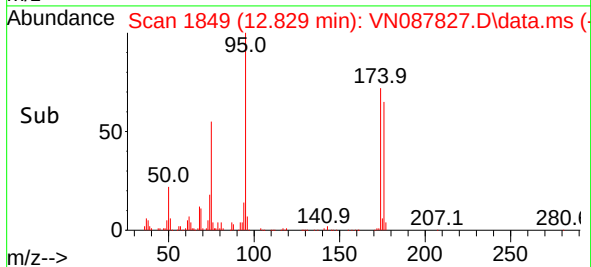
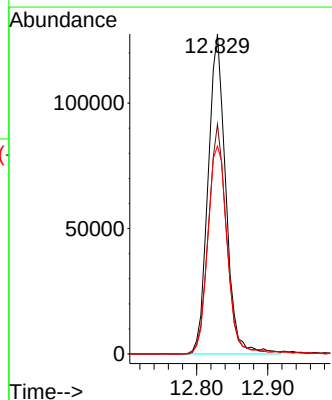
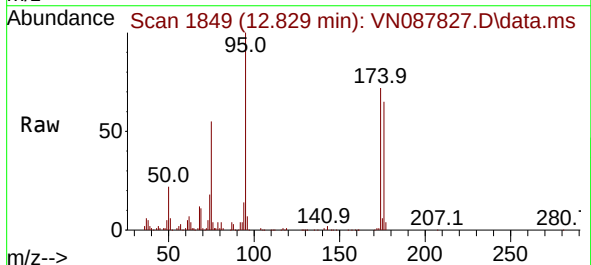
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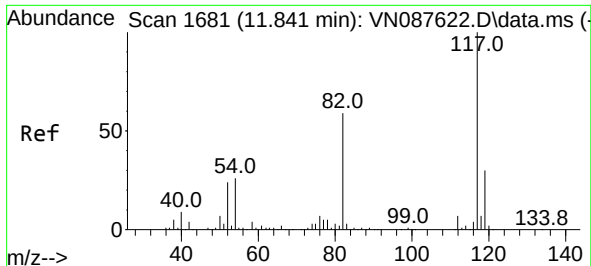
Tgt Ion: 98 Resp: 614315
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 49.943 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

Tgt Ion: 95 Resp: 221236
Ion Ratio Lower Upper
95 100
174 72.7 0.0 138.4
176 71.4 0.0 132.6

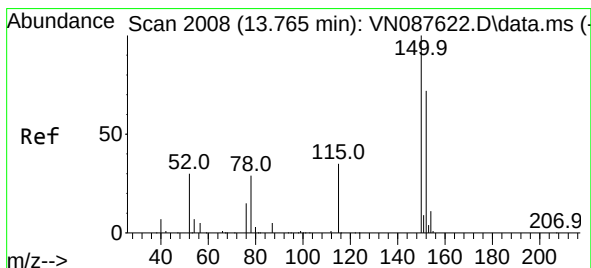
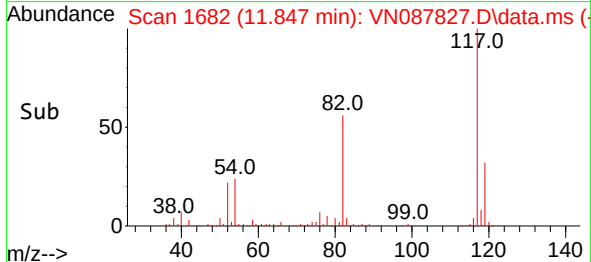
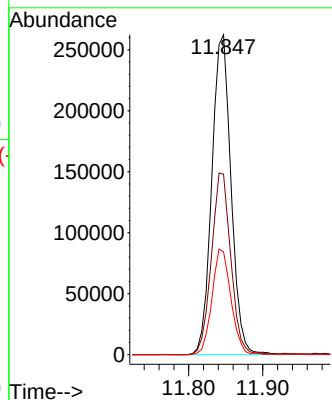
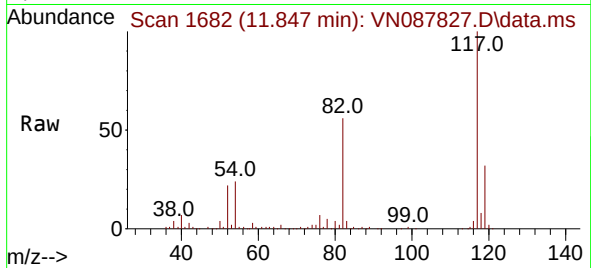




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

Instrument :
MSVOA_N
ClientSampleId :
PB169678TB

Tgt Ion:117 Resp: 473166
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 32.1 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087827.D
Acq: 15 Sep 2025 11:32

Tgt Ion:152 Resp: 225391
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 158.5 0.0 351.0

