

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087967.D
 Acq On : 26 Sep 2025 15:27
 Operator : JC\MD
 Sample : Q3181-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A3-01-G

Quant Time: Sep 27 01:26:47 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)

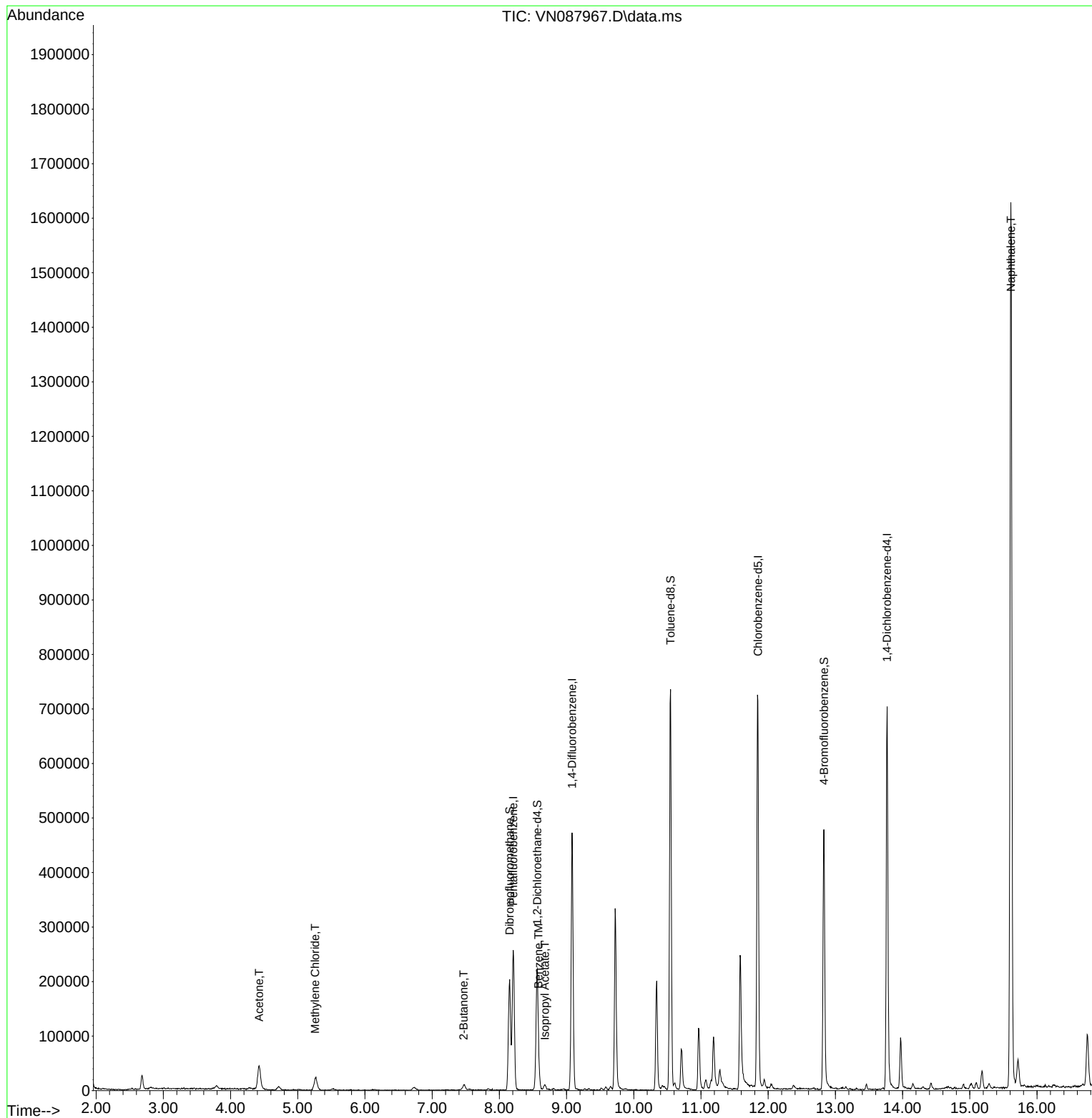
Internal Standards						
1) Pentafluorobenzene	8.206	168	178955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	392164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	414447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	187569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	179043	59.450	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 118.900%		
35) Dibromofluoromethane	8.153	113	138134	48.514	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.020%		
50) Toluene-d8	10.547	98	504907	50.425	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.860%		
62) 4-Bromofluorobenzene	12.829	95	172948	48.322	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 96.640%		
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	83772	67.605	ug/l	98
20) Methylene Chloride	5.259	84	17906	7.139	ug/l #	88
25) 2-Butanone	7.471	43	12149	6.415	ug/l #	82
40) Benzene	8.583	78	17022	1.502	ug/l #	90
43) Isopropyl Acetate	8.677	43	11126	1.572	ug/l #	89
95) Naphthalene	15.612	128	1479024	134.130	ug/l	99

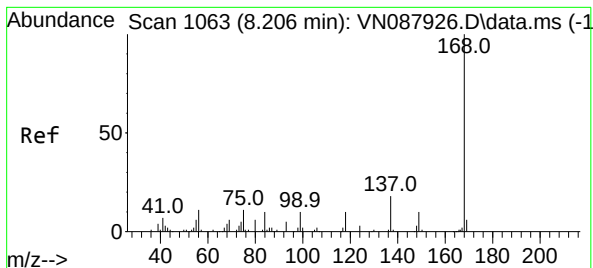
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 27 01:26:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
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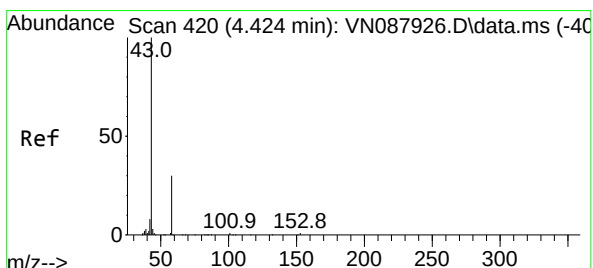
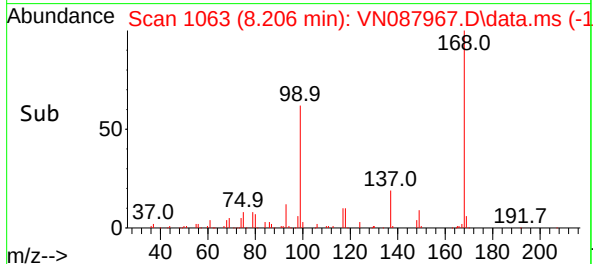
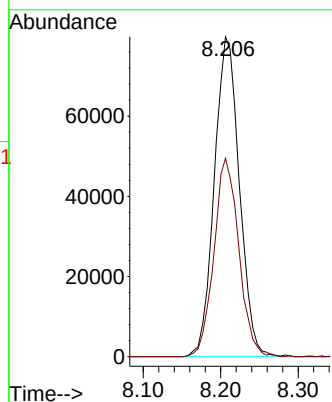
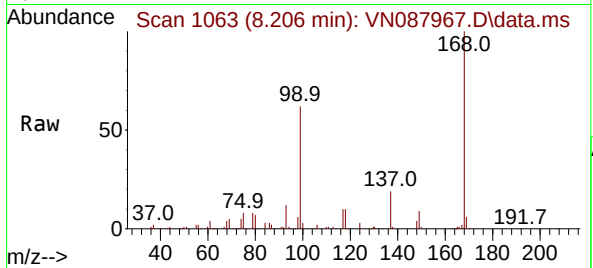




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

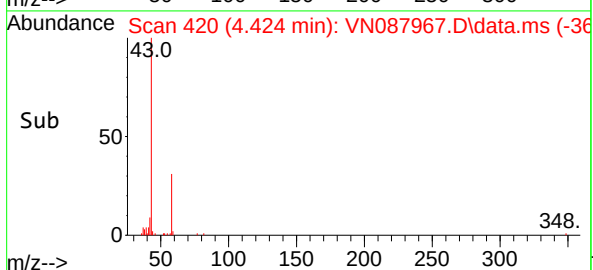
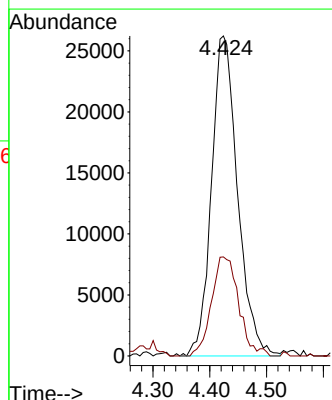
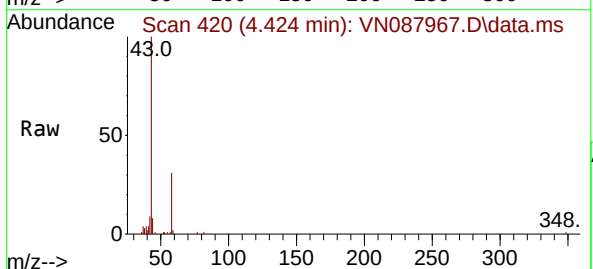
Instrument :
MSVOA_N
ClientSampleId :
WC-A3-01-G

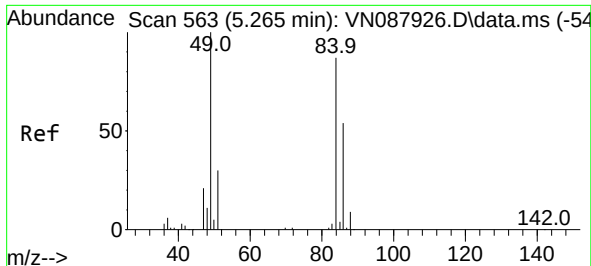
Tgt Ion:168 Resp: 178955
Ion Ratio Lower Upper
168 100
99 62.0 52.2 78.2



#16
Acetone
Concen: 67.605 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

Tgt Ion: 43 Resp: 83772
Ion Ratio Lower Upper
43 100
58 31.0 24.1 36.1

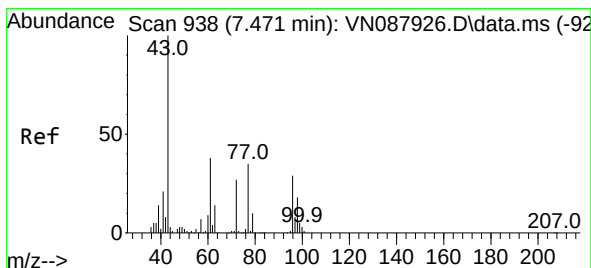
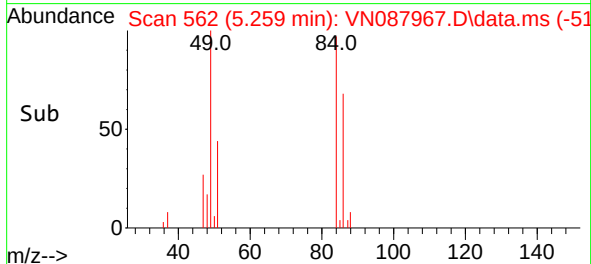
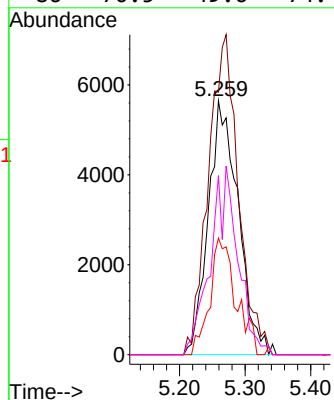
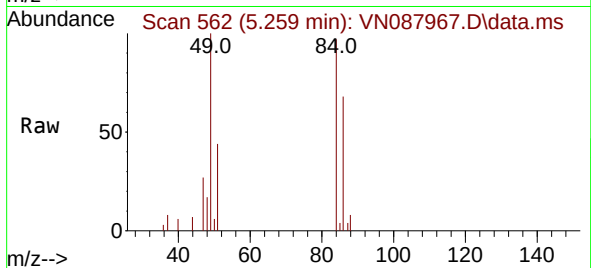




#20
Methylene Chloride
Concen: 7.139 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

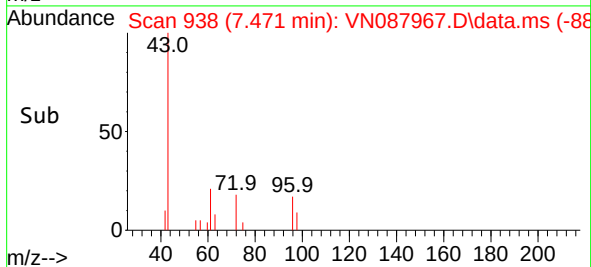
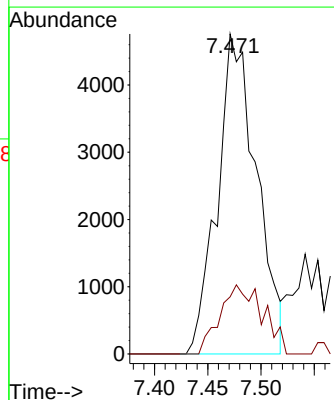
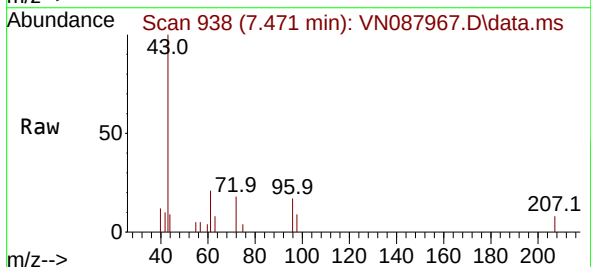
Instrument :
MSVOA_N
ClientSampleId :
WC-A3-01-G

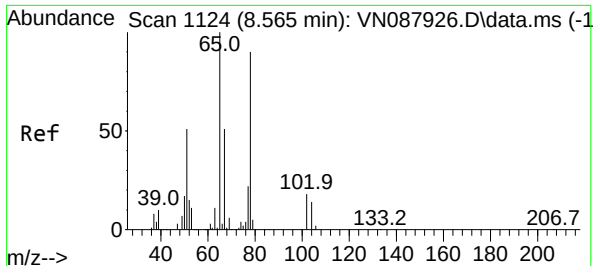
Tgt Ion:	84	Resp:	17906
Ion	Ratio	Lower	Upper
84	100		
49	103.4	92.1	138.1
51	45.8	27.7	41.5#
86	70.5	49.6	74.4



#25
2-Butanone
Concen: 6.415 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

Tgt Ion:	43	Resp:	12149
Ion	Ratio	Lower	Upper
43	100		
72	17.8	21.5	32.3#

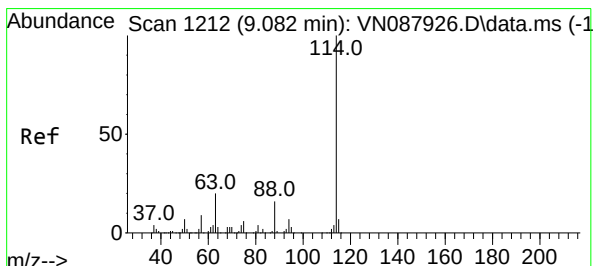
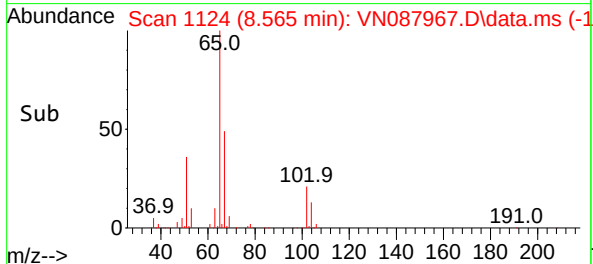
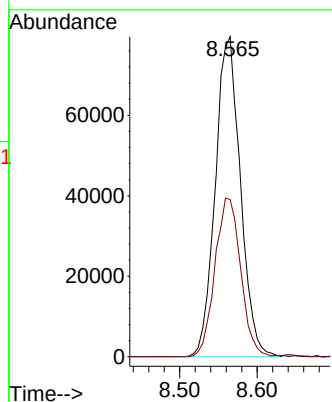
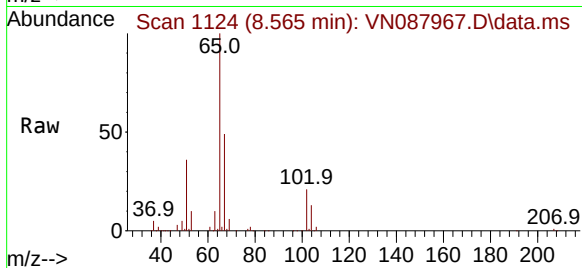




#33
 1,2-Dichloroethane-d4
 Concen: 59.450 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.000 min
 Lab File: VN087967.D
 Acq: 26 Sep 2025 15:27

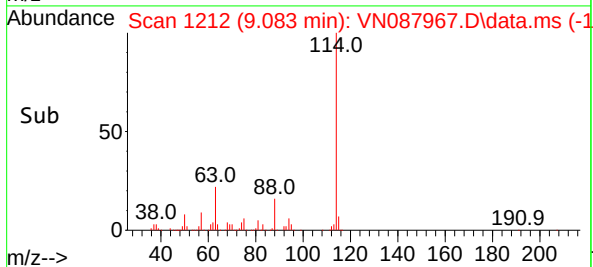
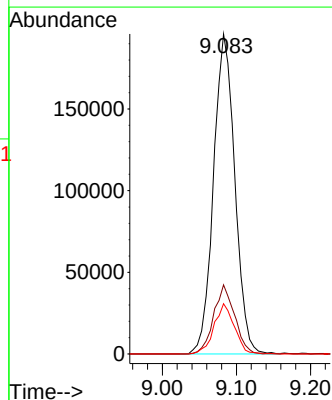
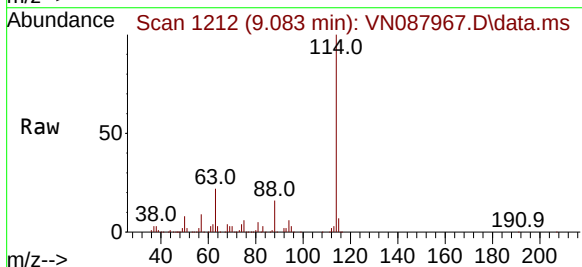
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-A3-01-G

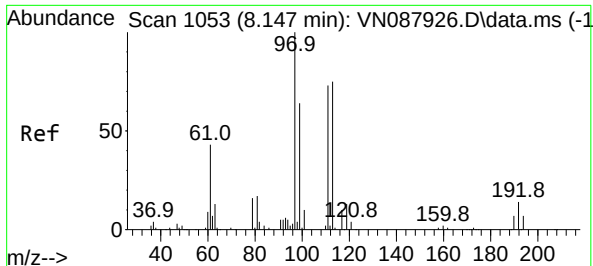
Tgt Ion: 65 Resp: 179043
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.000 min
 Lab File: VN087967.D
 Acq: 26 Sep 2025 15:27

Tgt Ion: 114 Resp: 392164
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.0
 88 15.7 0.0 31.8

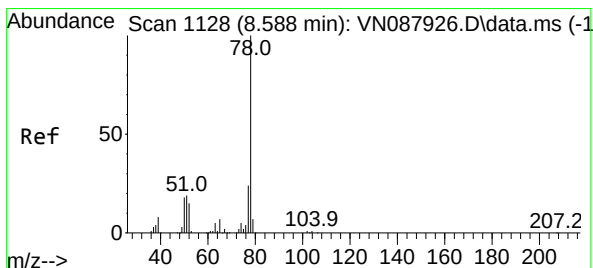
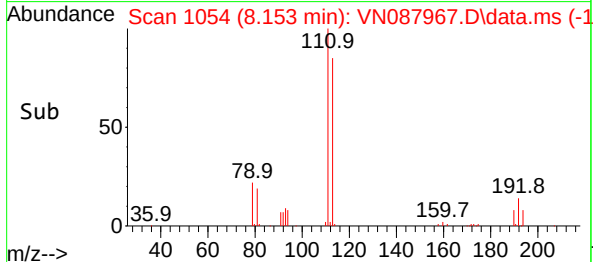
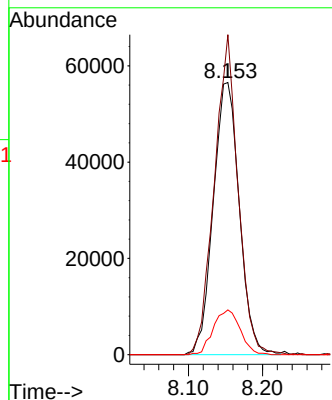
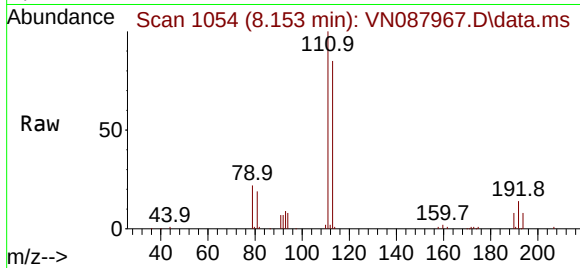




#35
Dibromofluoromethane
Concen: 48.514 ug/l
RT: 8.153 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

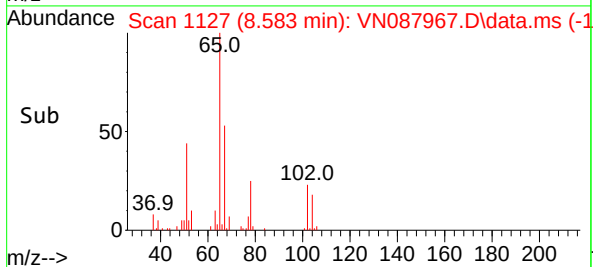
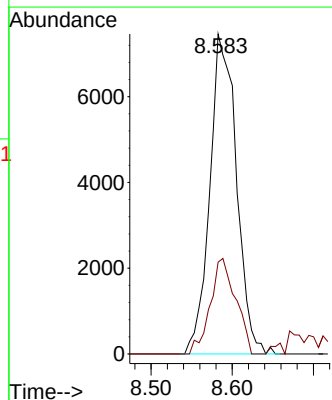
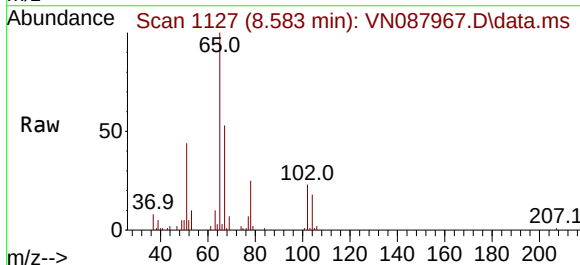
Instrument :
MSVOA_N
ClientSampleId :
WC-A3-01-G

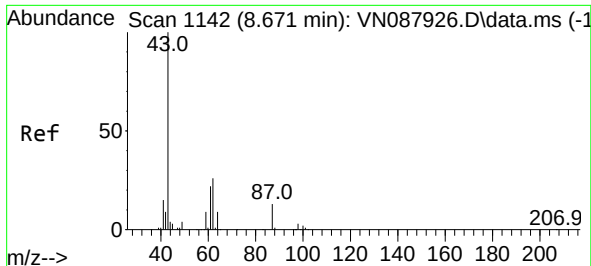
Tgt Ion:113 Resp: 138134
Ion Ratio Lower Upper
113 100
111 106.8 82.2 123.2
192 17.1 14.2 21.2



#40
Benzene
Concen: 1.502 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

Tgt Ion: 78 Resp: 17022
Ion Ratio Lower Upper
78 100
77 28.7 19.0 28.6#

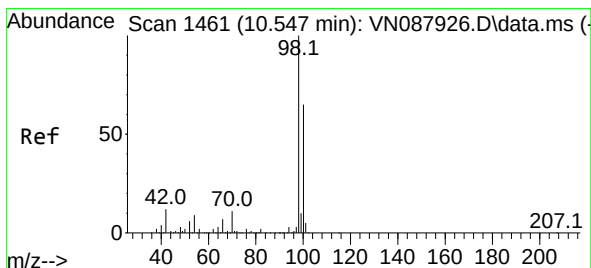
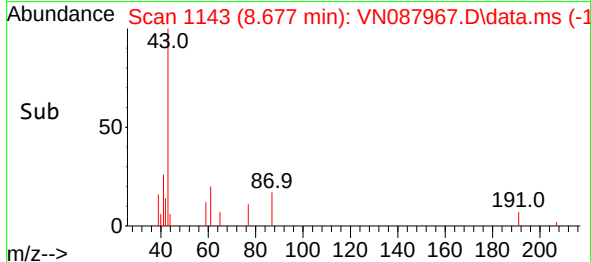
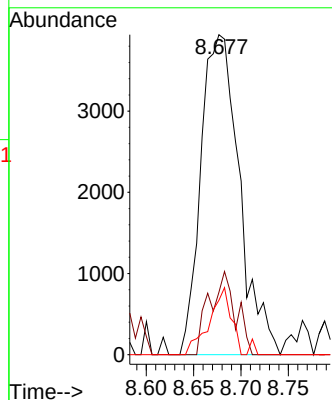
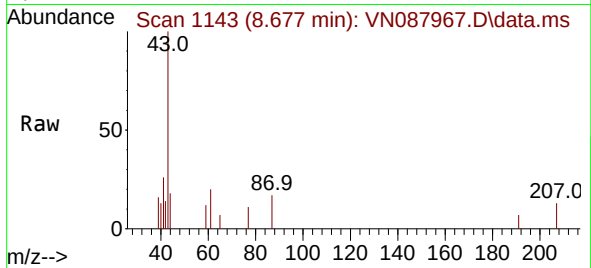




#43
Isopropyl Acetate
Concen: 1.572 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

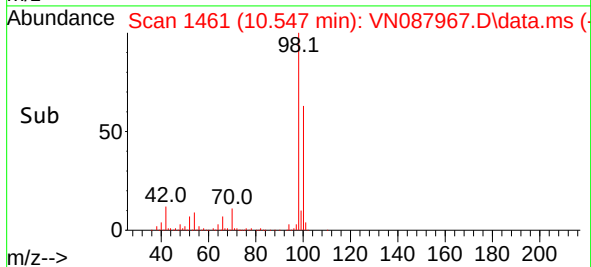
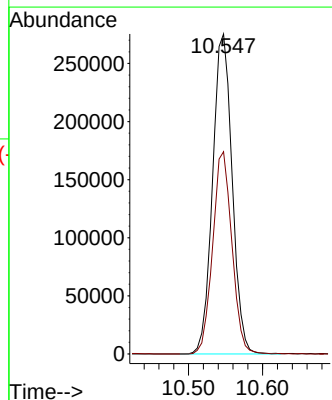
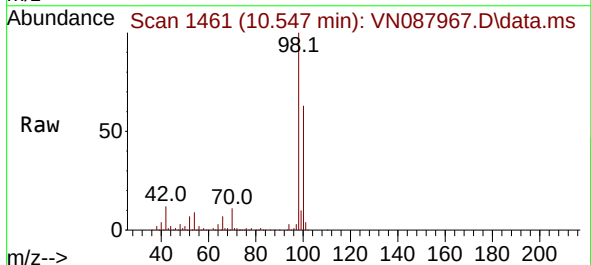
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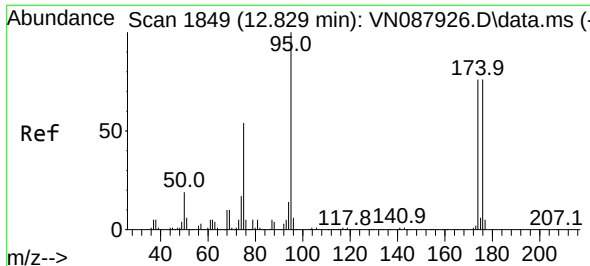
Tgt Ion: 43 Resp: 11126
Ion Ratio Lower Upper
43 100
61 17.7 20.2 30.2#
87 12.0 10.9 16.3



#50
Toluene-d8
Concen: 50.425 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

Tgt Ion: 98 Resp: 504907
Ion Ratio Lower Upper
98 100
100 62.1 51.7 77.5

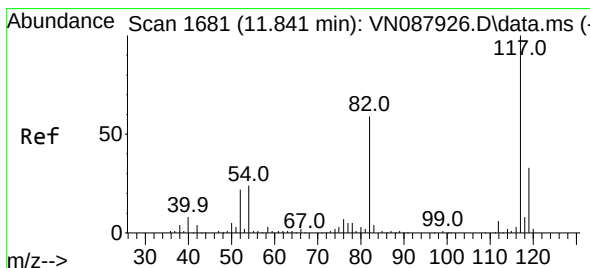
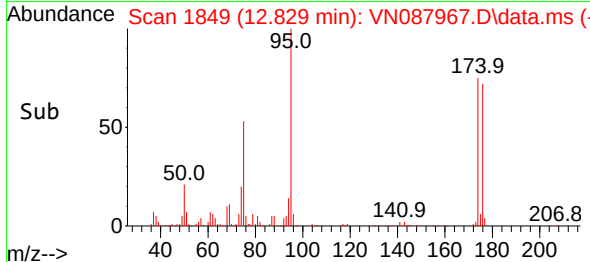
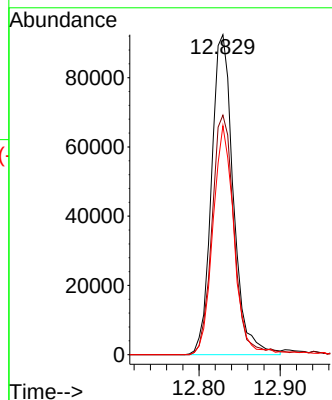
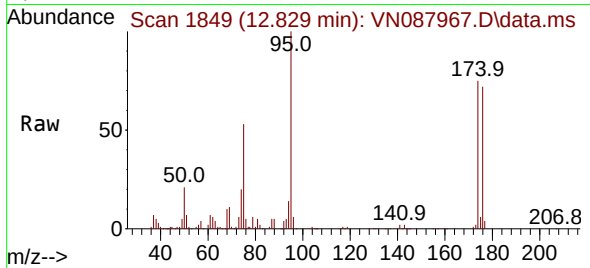




#62
4-Bromofluorobenzene
Concen: 48.322 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

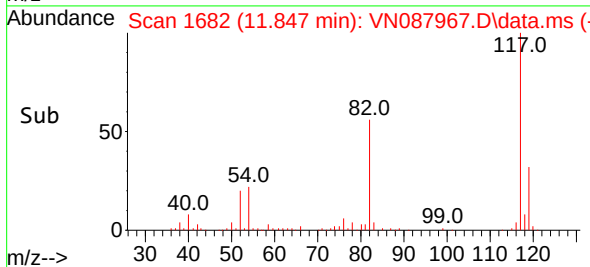
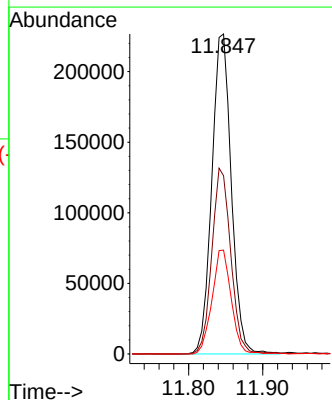
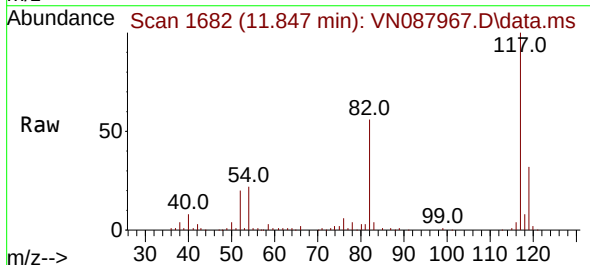
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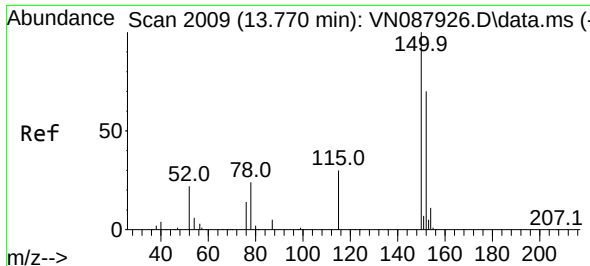
Tgt Ion: 95 Resp: 172948
Ion Ratio Lower Upper
95 100
174 76.1 0.0 159.2
176 70.0 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

Tgt Ion: 117 Resp: 414447
Ion Ratio Lower Upper
117 100
82 55.7 47.0 70.4
119 32.4 26.1 39.1

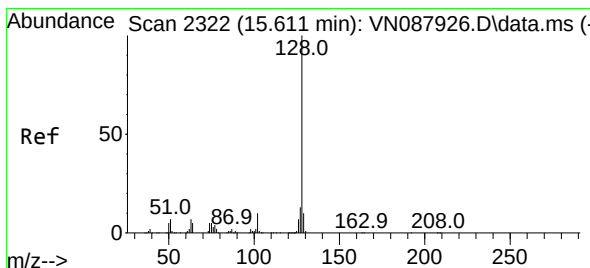
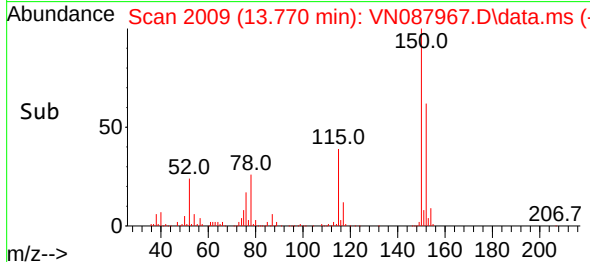
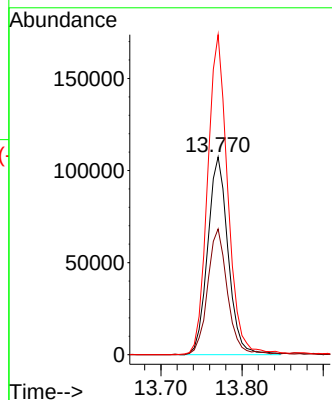
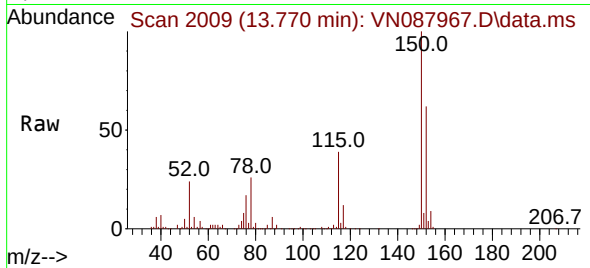




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

Instrument :
MSVOA_N
ClientSampleId :
WC-A3-01-G

Tgt Ion:152 Resp: 187569
Ion Ratio Lower Upper
152 100
115 62.3 29.9 89.7
150 160.0 0.0 335.0



#95
Naphthalene
Concen: 134.130 ug/l
RT: 15.612 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VN087967.D
Acq: 26 Sep 2025 15:27

Tgt Ion:128 Resp: 1479024
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.0 8.6 13.0

