

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087027.D
 Acq On : 16 Jun 2025 13:47
 Operator : JC\MD
 Sample : Q2299-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW10A-MW01S-20250609

Quant Time: Jun 17 07:22:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

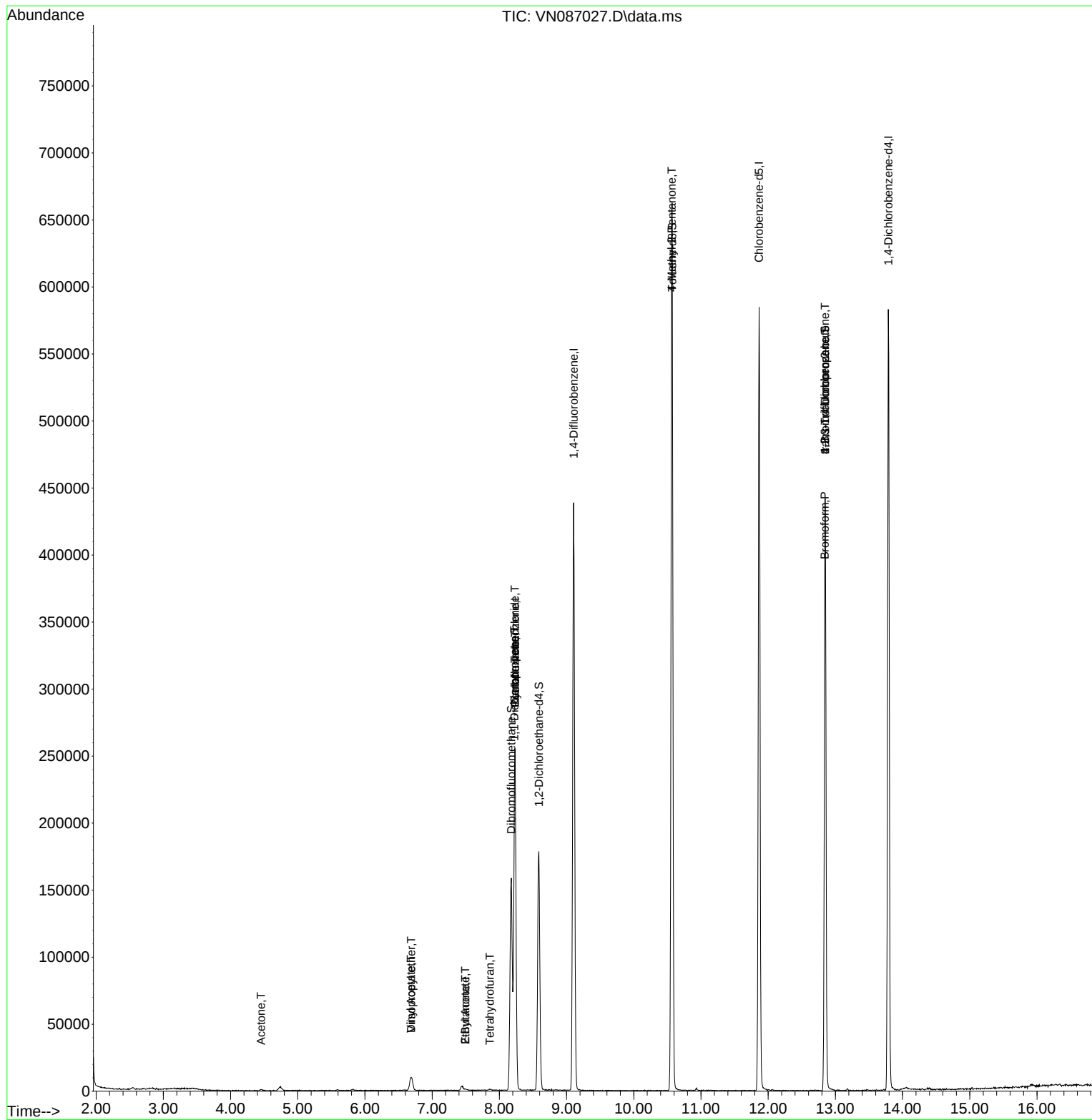
Internal Standards						
1) Pentafluorobenzene	8.235	168	204665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	406666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	371678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	176246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	146180	53.346	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.700%			
35) Dibromofluoromethane	8.177	113	124238	51.551	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	10.570	98	500154	52.424	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.847	95	179098	50.527	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.060%			
Target Compounds					Qvalue	
16) Acetone	4.453	43	1511	1.040	ug/l	95
22) Diisopropyl ether	6.688	45	14449	1.814	ug/l	96
23) Vinyl Acetate	6.683	43	6495	0.965	ug/l #	69
25) 2-Butanone	7.494	43	1215	0.514	ug/l #	46
29) Tetrahydrofuran	7.859	42	939	0.610	ug/l #	40
31) Cyclohexane	8.235	56	3399	0.765	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15114	4.209	ug/l #	48
37) Ethyl Acetate	7.494	43	1215	0.266	ug/l #	66
38) Carbon Tetrachloride	8.229	117	20219	5.735	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1592	0.360	ug/l #	1
71) Bromoform	12.841	173	919	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	82039	19.582	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82039	45.078	ug/l #	16

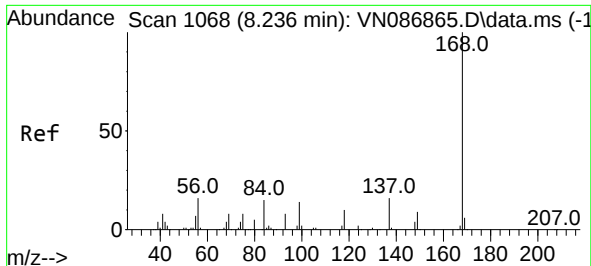
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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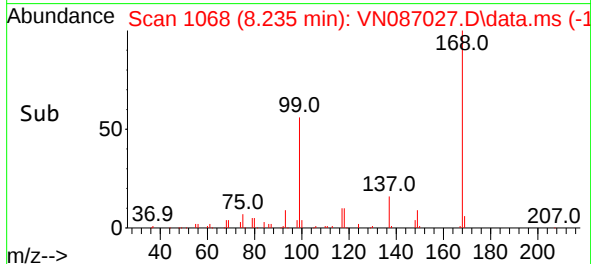
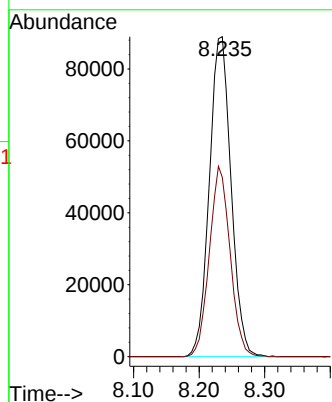
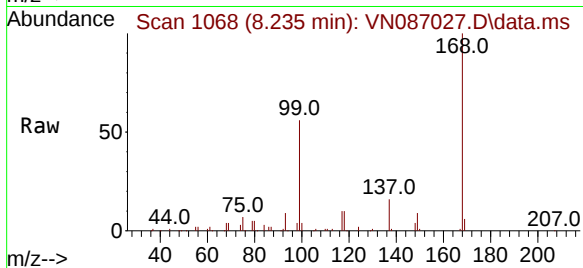




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

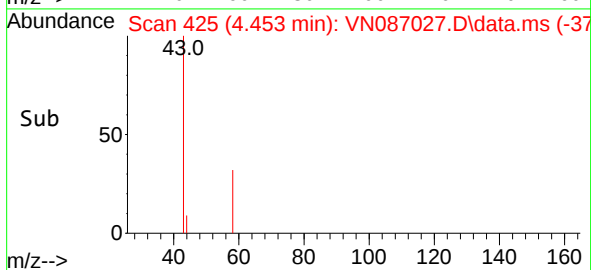
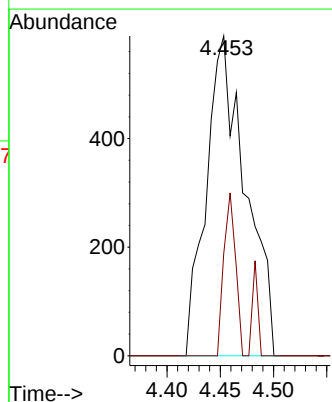
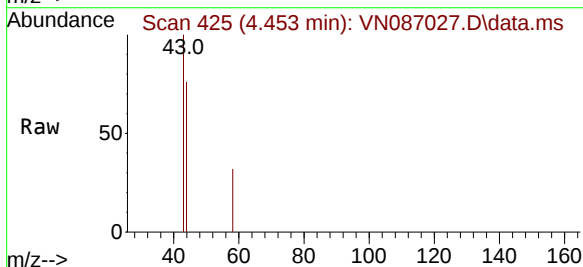
Instrument :
MSVOA_N
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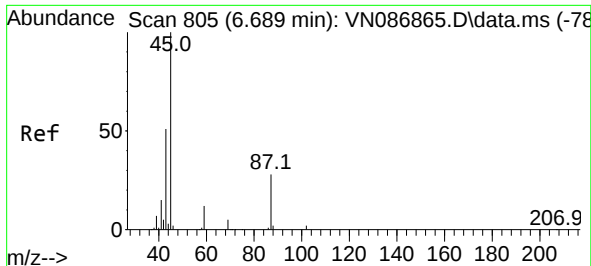
Tgt Ion:168 Resp: 204665
Ion Ratio Lower Upper
168 100
99 56.0 49.1 73.7



#16
Acetone
Concen: 1.040 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

Tgt Ion: 43 Resp: 1511
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

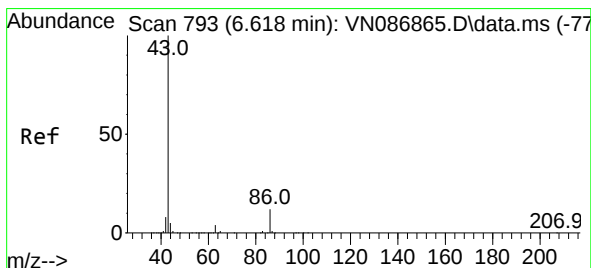
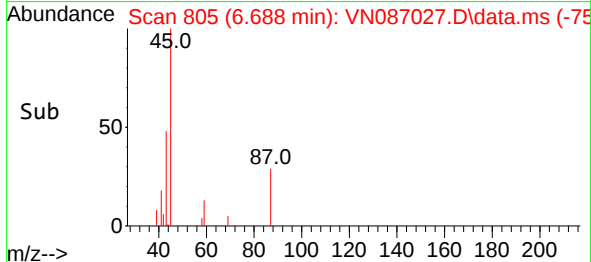
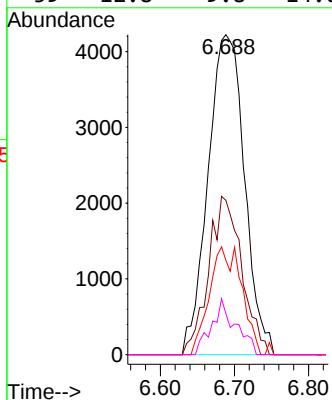
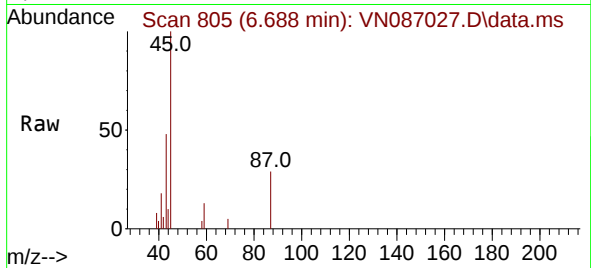




#22
Diisopropyl ether
Concen: 1.814 ug/l
RT: 6.688 min Scan# 805
Delta R.T. -0.000 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

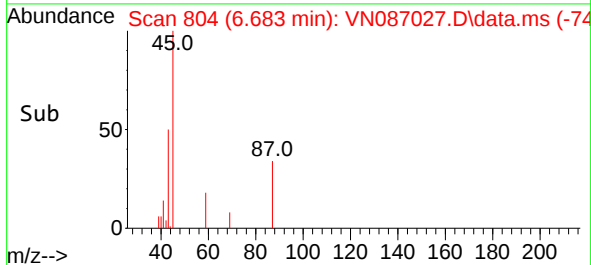
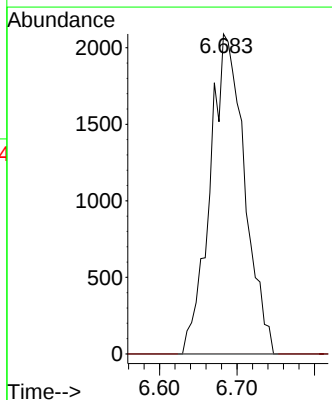
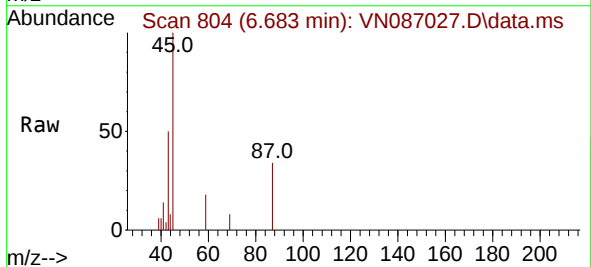
Instrument :
MSVOA_N
ClientSampleId :
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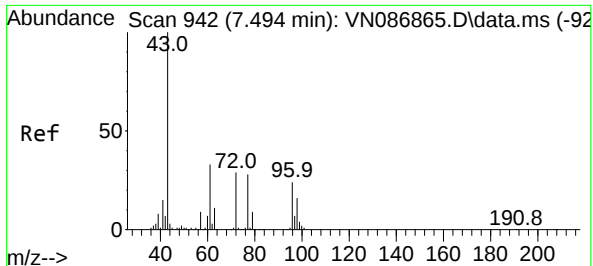
Tgt Ion:	45	Resp:	14449
Ion	Ratio	Lower	Upper
45	100		
43	48.2	41.9	62.9
87	29.5	22.4	33.6
59	12.8	9.8	14.6



#23
Vinyl Acetate
Concen: 0.965 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.064 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

Tgt Ion:	43	Resp:	6495
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.5	14.3#

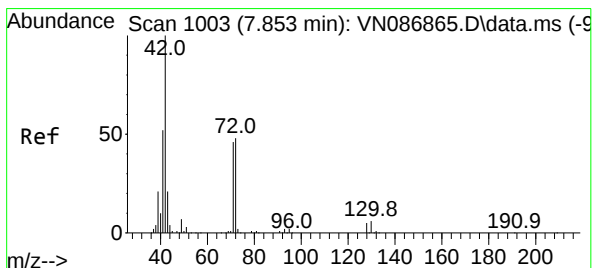
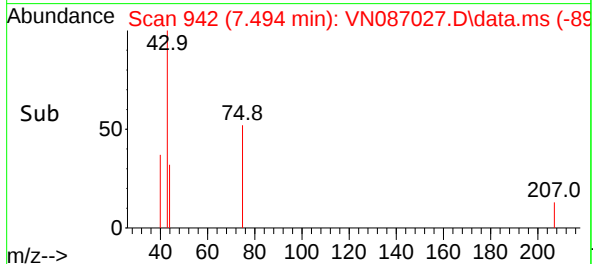
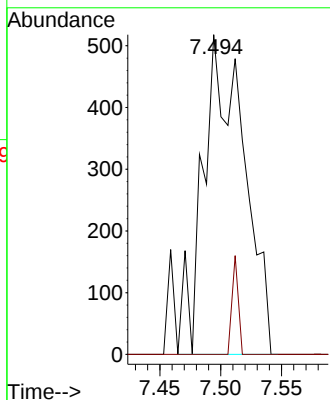
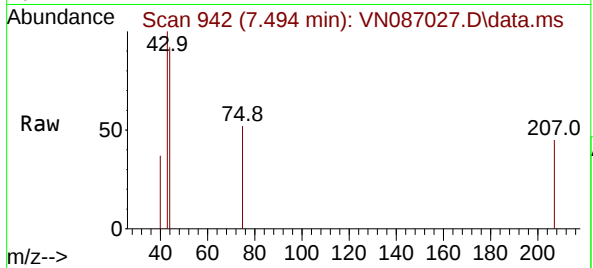




#25
2-Butanone
Concen: 0.514 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

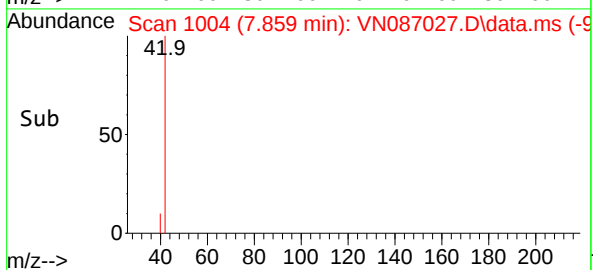
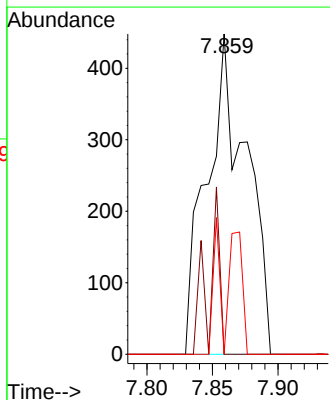
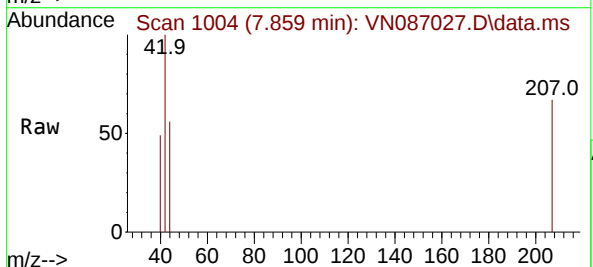
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01S-20250609

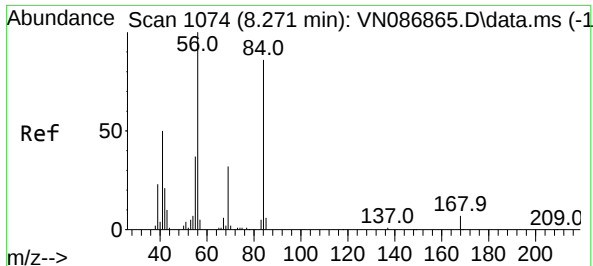
Tgt Ion: 43 Resp: 1215
Ion Ratio Lower Upper
43 100
72 0.0 23.0 34.6#



#29
Tetrahydrofuran
Concen: 0.610 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

Tgt Ion: 42 Resp: 939
Ion Ratio Lower Upper
42 100
72 6.0 37.8 56.6#
71 7.1 35.6 53.4#

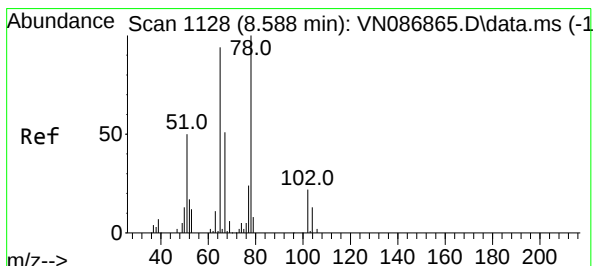
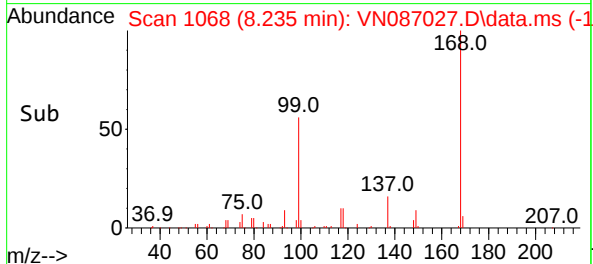
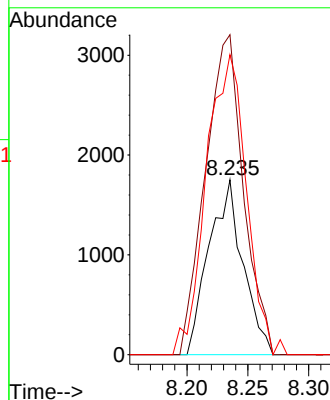
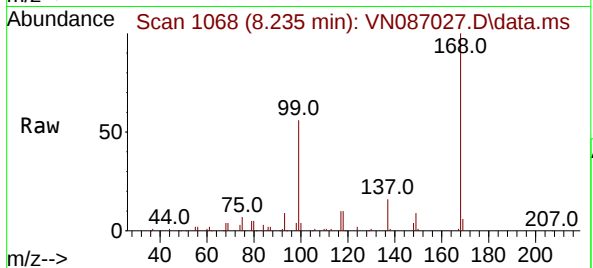




#31
Cyclohexane
Concen: 0.765 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.036 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

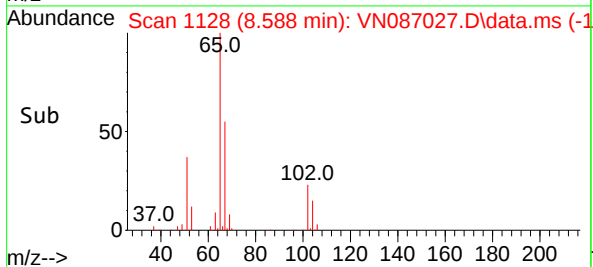
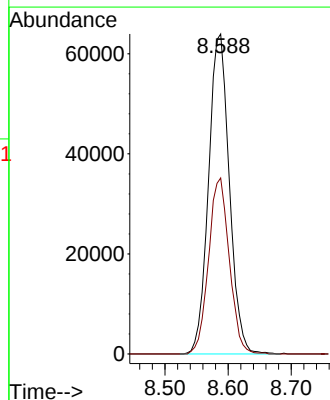
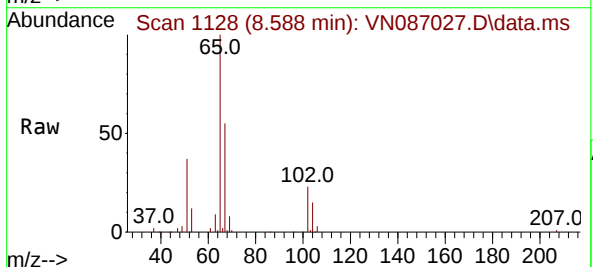
Instrument :
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ClientSampleId :
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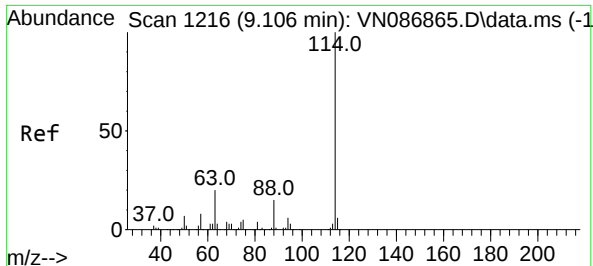
Tgt Ion: 56 Resp: 3399
Ion Ratio Lower Upper
56 100
69 183.0 25.4 38.0#
84 162.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 53.346 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

Tgt Ion: 65 Resp: 146180
Ion Ratio Lower Upper
65 100
67 54.9 0.0 105.6

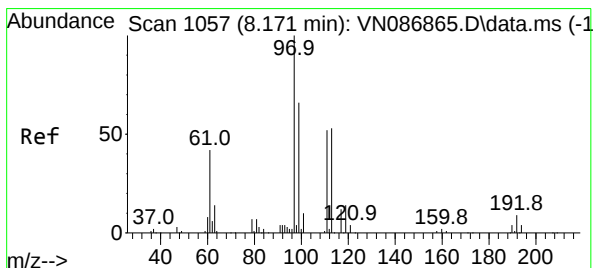
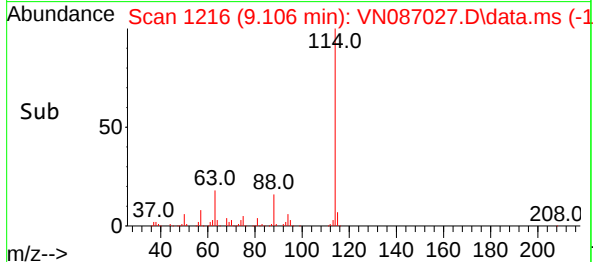
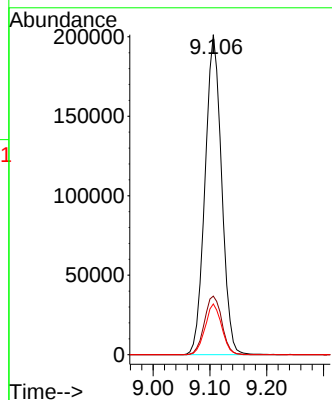
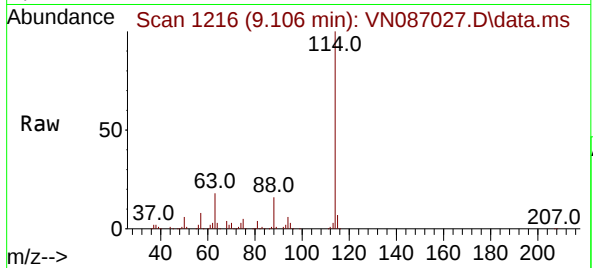




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

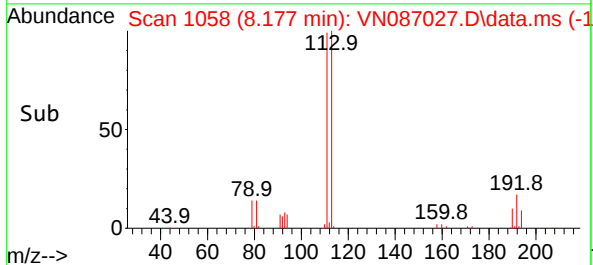
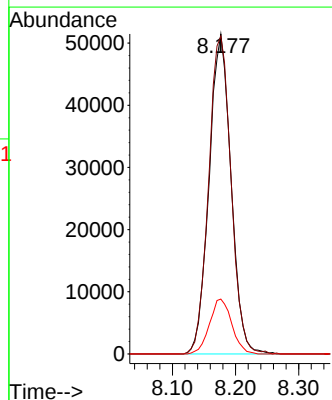
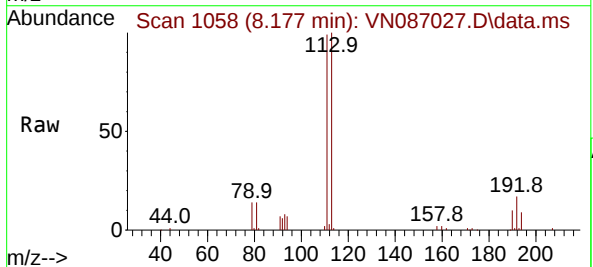
Instrument :
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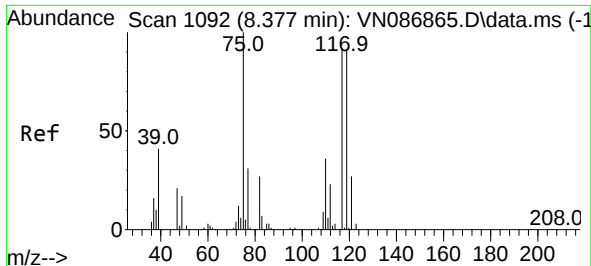
Tgt Ion:114 Resp: 406666
Ion Ratio Lower Upper
114 100
63 18.3 0.0 39.6
88 15.8 0.0 30.2



#35
Dibromofluoromethane
Concen: 51.551 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

Tgt Ion:113 Resp: 124238
Ion Ratio Lower Upper
113 100
111 101.4 84.2 126.2
192 17.4 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.209 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.153 min

Lab File: VN087027.D

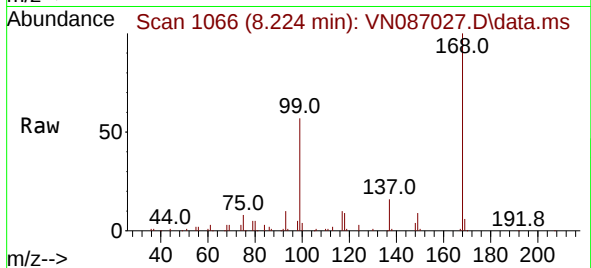
Acq: 16 Jun 2025 13:47

Instrument :

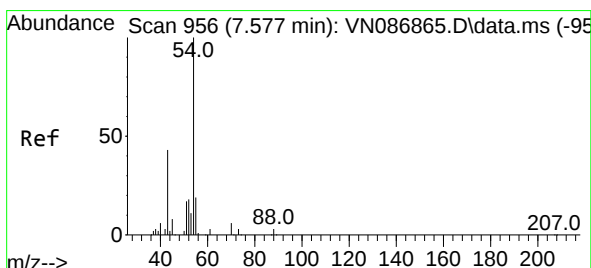
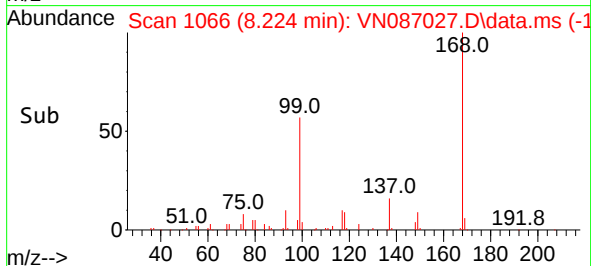
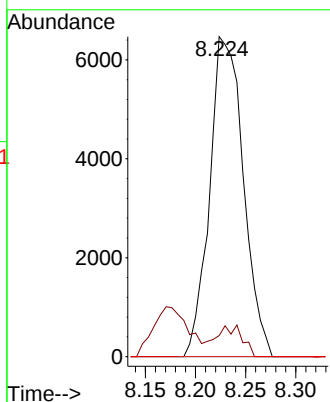
MSVOA_N

ClientSampleId :

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Tgt Ion:	75	Resp:	15114
Ion Ratio	Lower	Upper	
75	100		
110	7.2	17.6	52.9#
77	0.0	25.3	37.9#



#37

Ethyl Acetate

Concen: 0.266 ug/l

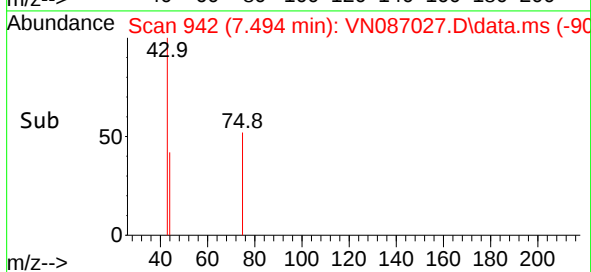
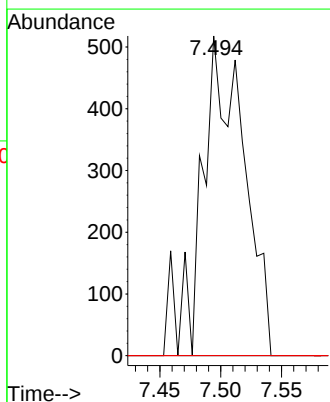
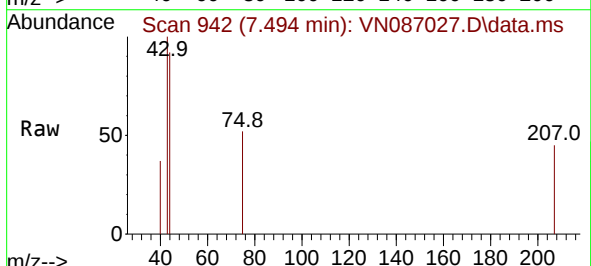
RT: 7.494 min Scan# 942

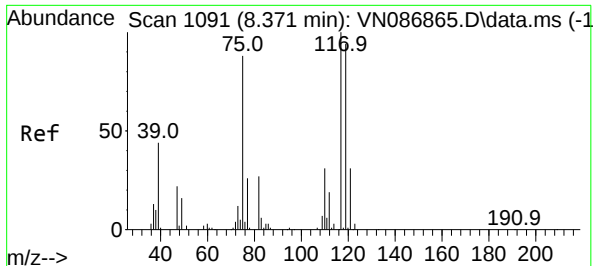
Delta R.T. -0.083 min

Lab File: VN087027.D

Acq: 16 Jun 2025 13:47

Tgt Ion:	43	Resp:	1215
Ion Ratio	Lower	Upper	
43	100		
61	0.0	12.1	18.1#
70	0.0	9.8	14.6#

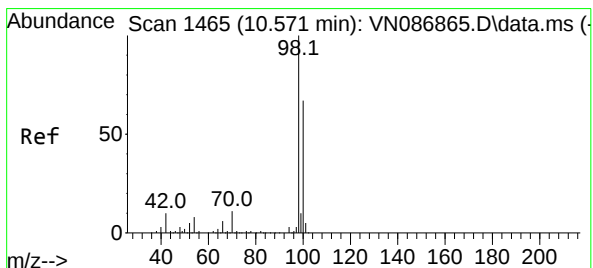
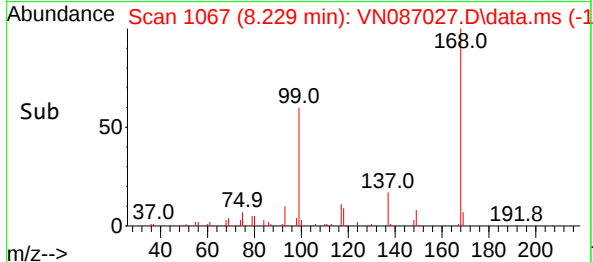
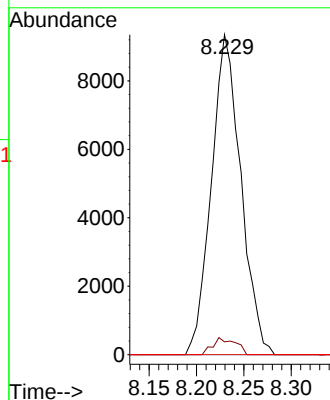
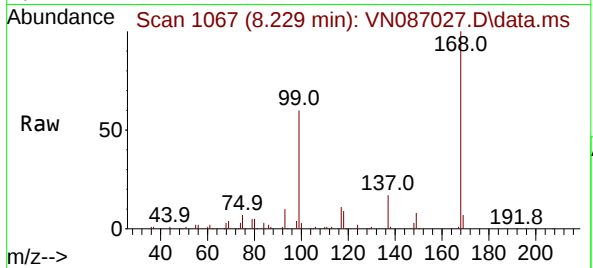




#38
Carbon Tetrachloride
Concen: 5.735 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

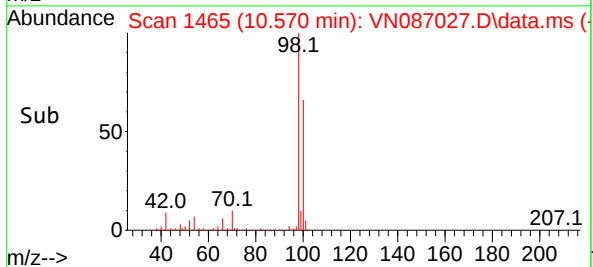
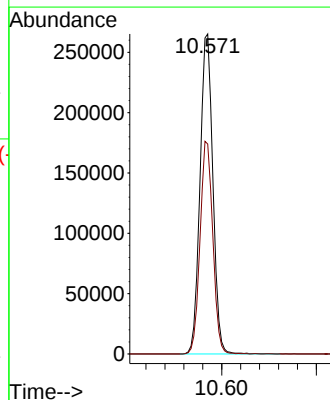
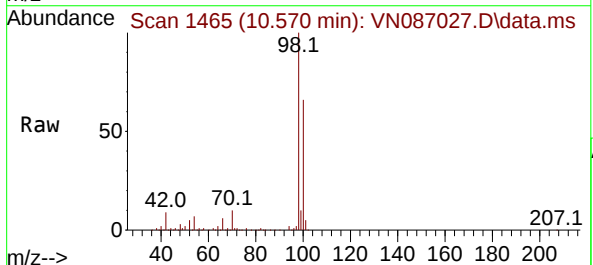
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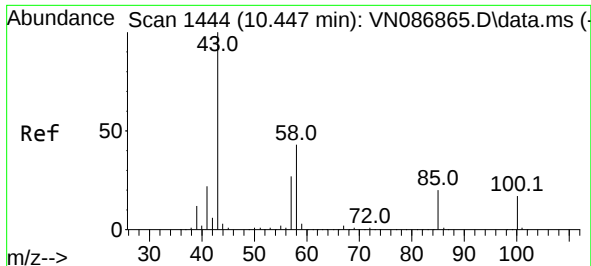
Tgt Ion:117 Resp: 20219
Ion Ratio Lower Upper
117 100
119 4.0 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 52.424 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

Tgt Ion: 98 Resp: 500154
Ion Ratio Lower Upper
98 100
100 66.0 53.4 80.0

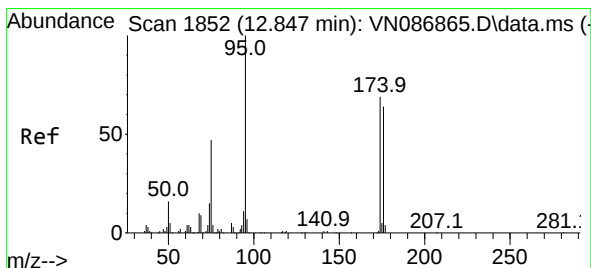
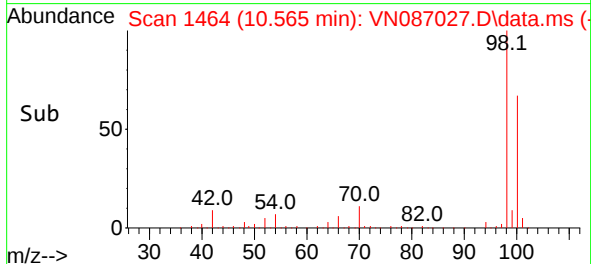
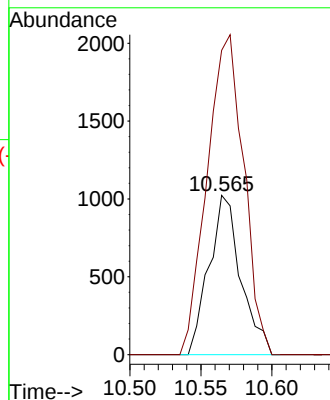
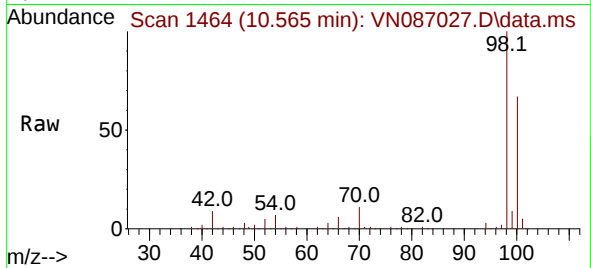




#51
4-Methyl-2-Pentanone
Concen: 0.360 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.117 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

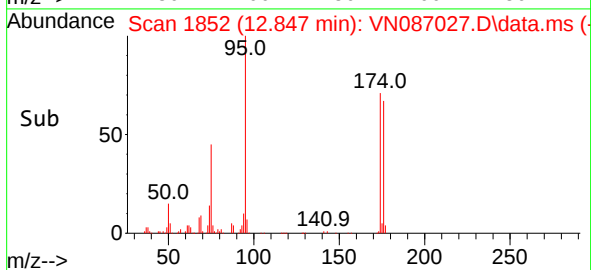
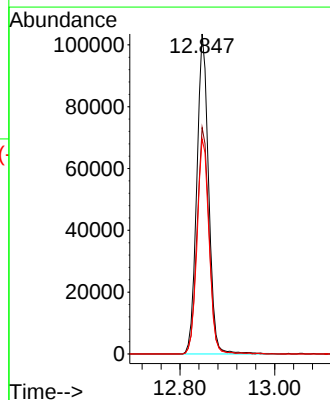
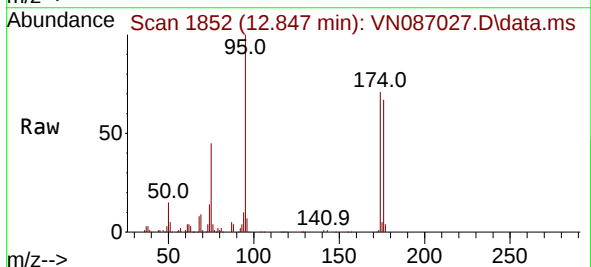
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01S-20250609

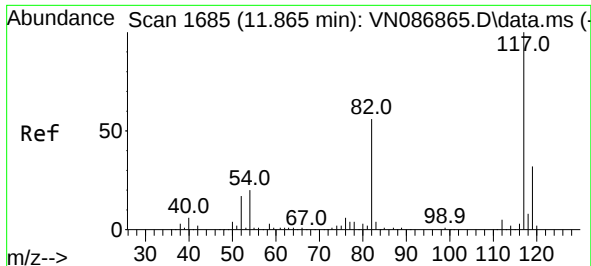
Tgt Ion: 43 Resp: 1592
Ion Ratio Lower Upper
43 100
58 231.3 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 50.527 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

Tgt Ion: 95 Resp: 179098
Ion Ratio Lower Upper
95 100
174 71.6 0.0 141.8
176 67.8 0.0 132.6

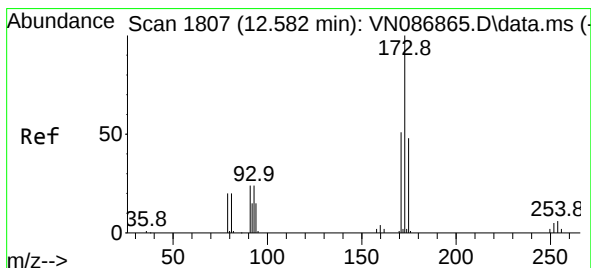
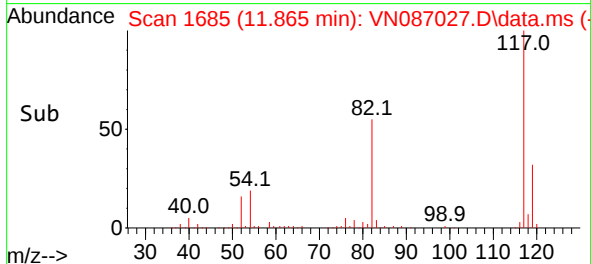
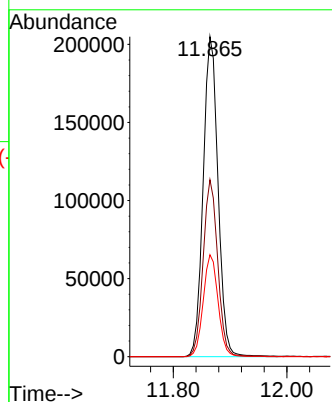
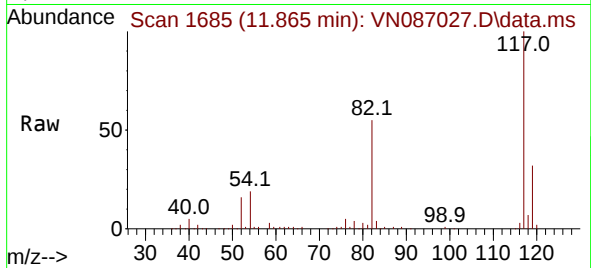




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

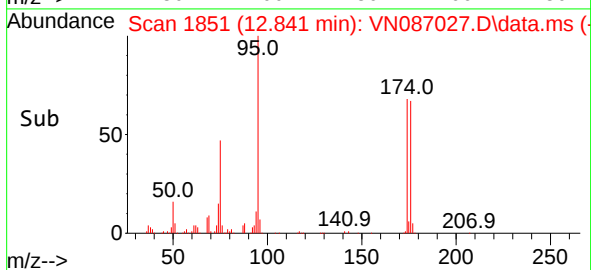
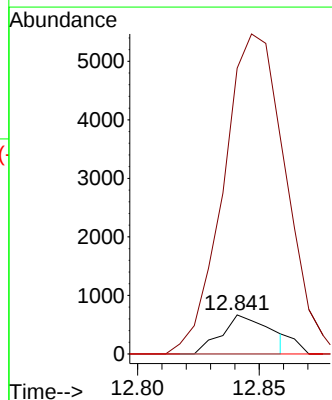
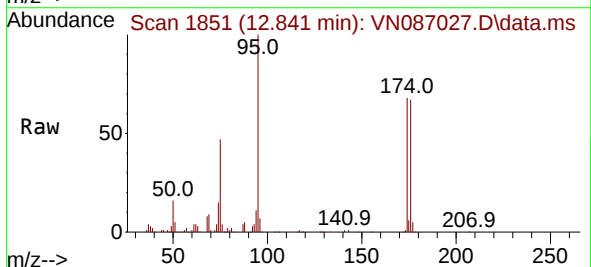
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01S-20250609

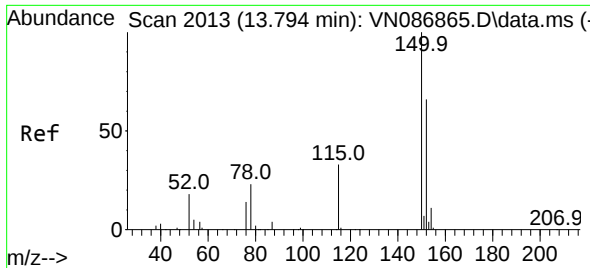
Tgt Ion:117 Resp: 371678
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 31.9 25.5 38.3



#71
Bromoform
Concen: 0.471 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.259 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

Tgt Ion:173 Resp: 919
Ion Ratio Lower Upper
173 100
175 930.6 24.1 72.4#
254 0.0 0.0 0.0

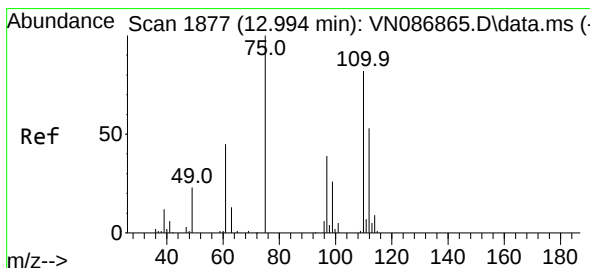
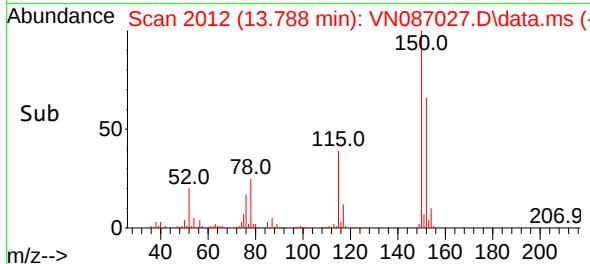
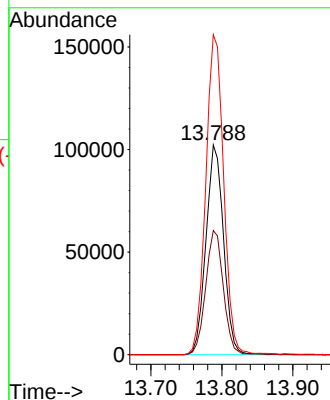
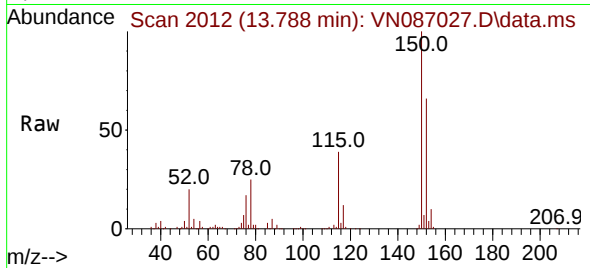




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

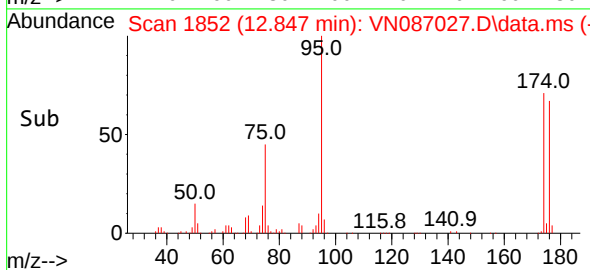
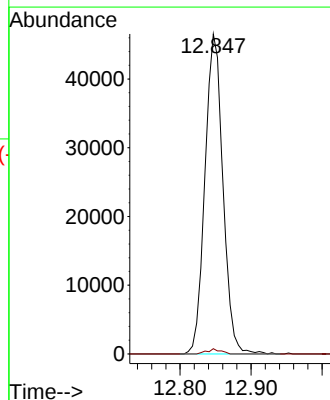
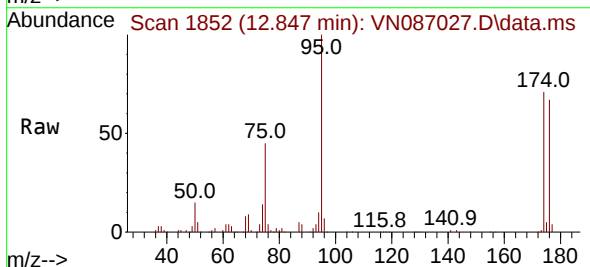
Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01S-20250609

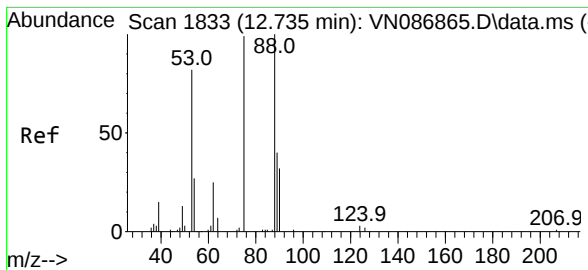
Tgt Ion:152 Resp: 176246
Ion Ratio Lower Upper
152 100
115 59.5 30.1 90.5
150 155.1 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 19.582 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

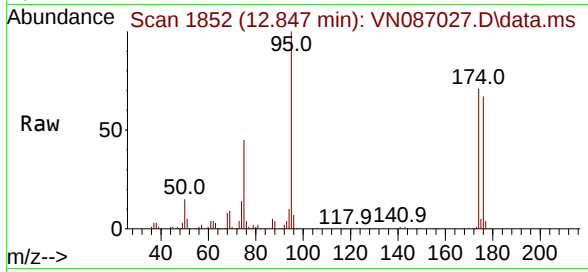
Tgt Ion: 75 Resp: 82039
Ion Ratio Lower Upper
75 100
77 1.2 79.3 237.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 45.078 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN087027.D
Acq: 16 Jun 2025 13:47

Instrument :
MSVOA_N
ClientSampleId :
RW10A-MW01S-20250609



Tgt Ion:	75	Resp:	82039
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.6	99.8#
89	0.0	36.7	55.1#

