

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087209.D
 Acq On : 27 Jun 2025 10:33
 Operator : JC\MD
 Sample : VN0627WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBL01

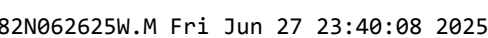
Quant Time: Jun 27 23:39:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

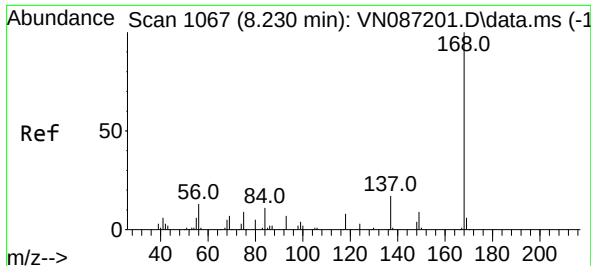
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	196165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333801	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	159637	56.549	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.100%			
35) Dibromofluoromethane	8.171	113	125295	48.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.200%			
50) Toluene-d8	10.565	98	480608	45.073	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.140%			
62) 4-Bromofluorobenzene	12.847	95	157866	42.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 85.340%			
Target Compounds						
16) Acetone	4.459	43	66	Below Cal	#	42
17) Carbon Disulfide	4.742	76	1475	Below Cal	#	76
20) Methylene Chloride	5.289	84	65	Below Cal	#	8
31) Cyclohexane	8.235	56	4392	1.005	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	16331	4.325	ug/l #	49
38) Carbon Tetrachloride	8.224	117	19861	5.400	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	1739	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.847	75	76112	23.062	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	76112	51.760	ug/l #	13
94) Hexachlorobutadiene	15.494	225	414	0.511	ug/l #	44

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

Quant Time: Jun 27 23:39:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

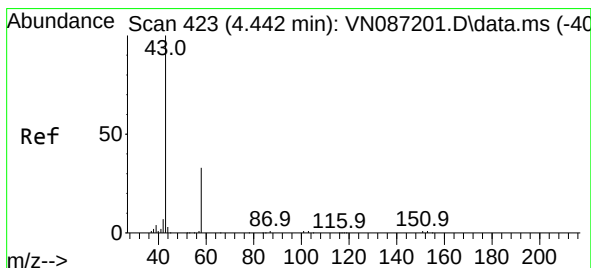
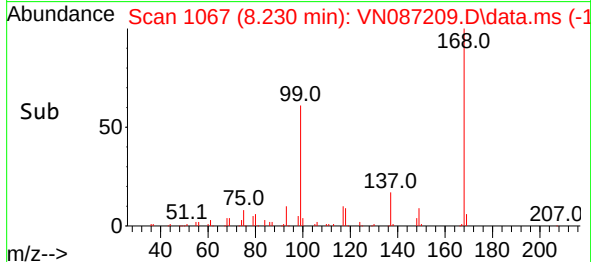
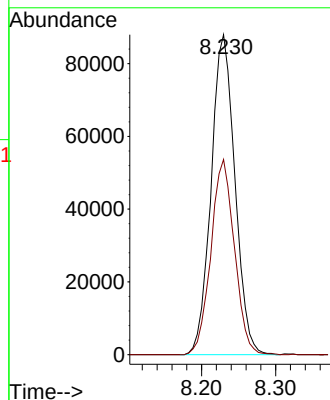
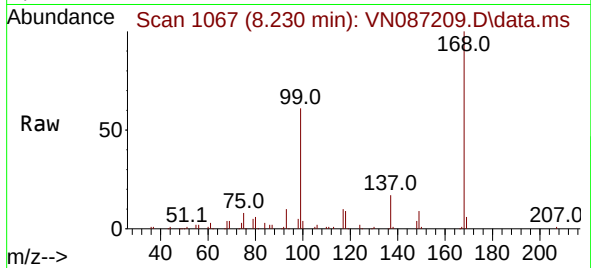




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

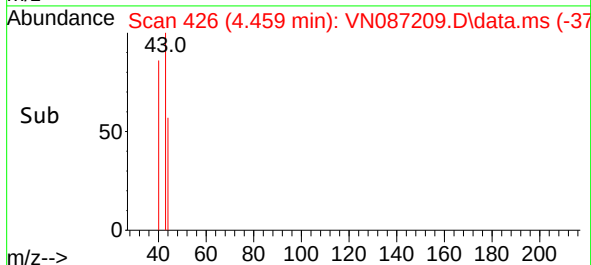
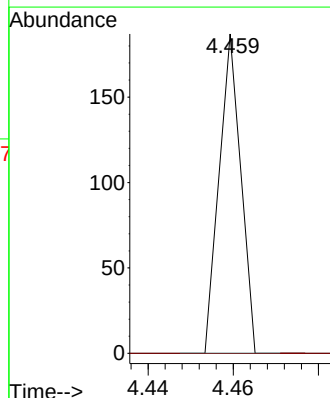
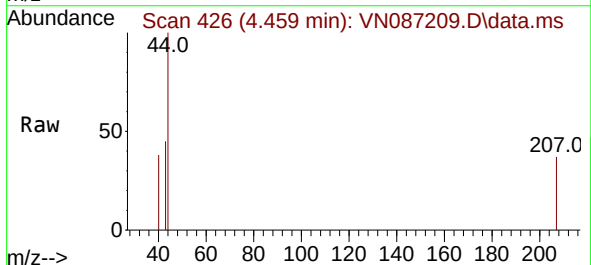
Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

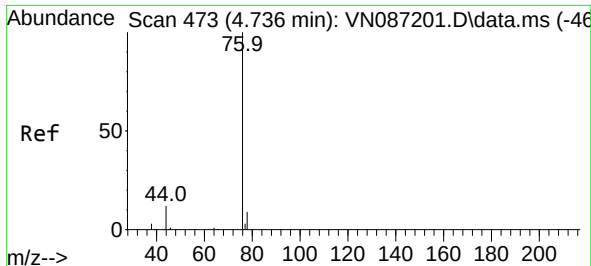
Tgt Ion:168 Resp: 196165
Ion Ratio Lower Upper
168 100
99 61.0 47.9 71.9



#16
Acetone
Concen: Below Cal
RT: 4.459 min Scan# 426
Delta R.T. 0.017 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#

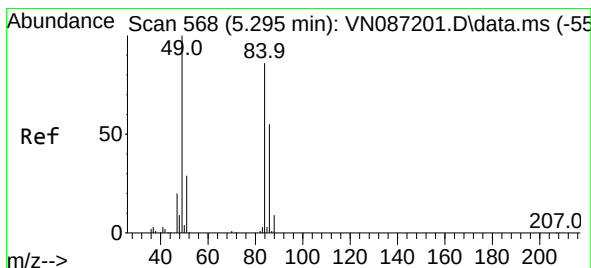
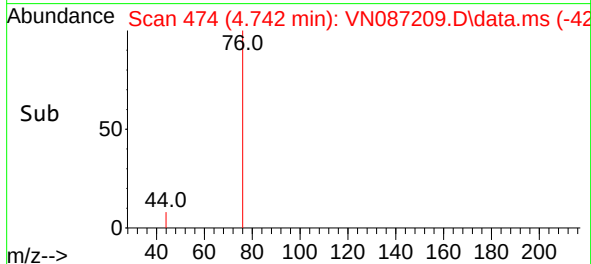
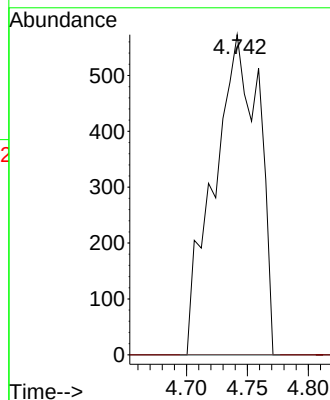
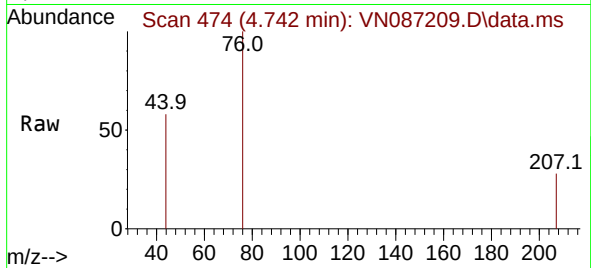




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.742 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

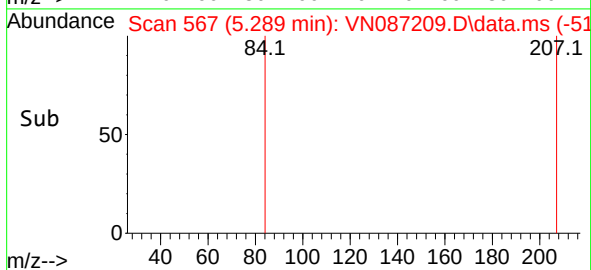
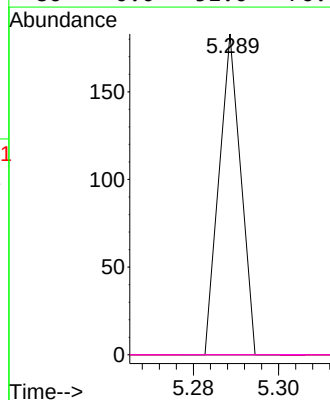
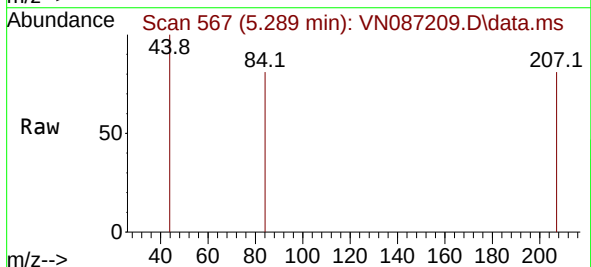
Instrument :
MSVOA_N
ClientSampleId :
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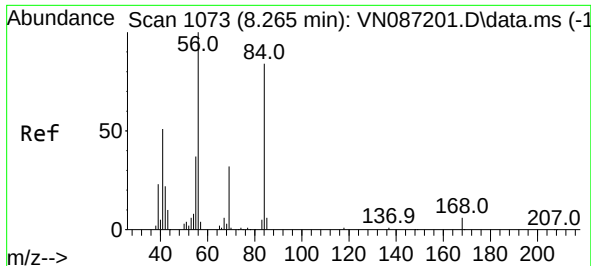
Tgt Ion: 76 Resp: 1475
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 567
Delta R.T. -0.006 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 84 Resp: 65
Ion Ratio Lower Upper
84 100
49 0.0 93.0 139.6#
51 0.0 27.2 40.8#
86 0.0 51.0 76.4#

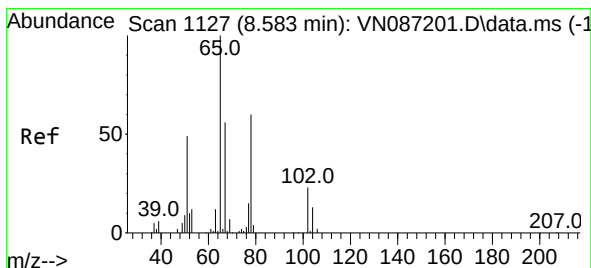
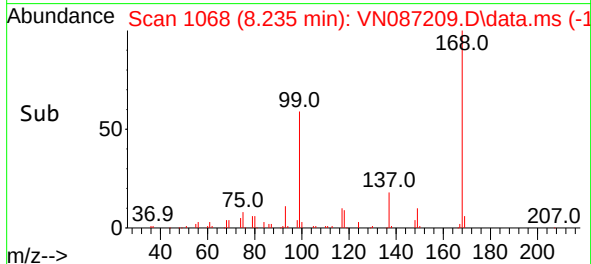
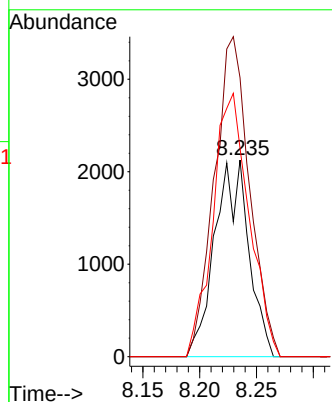
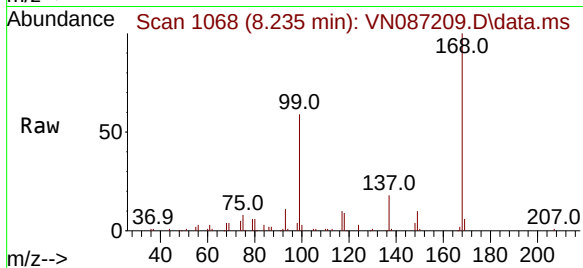




#31
Cyclohexane
Concen: 1.005 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

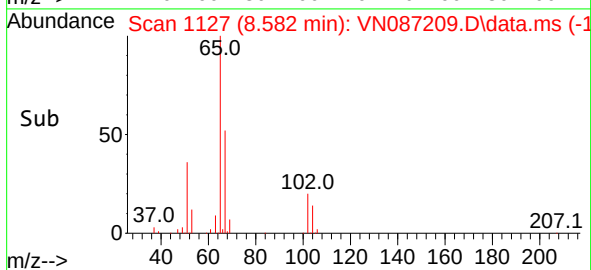
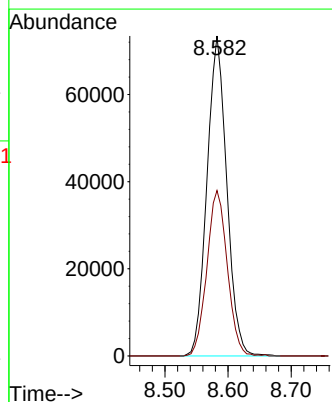
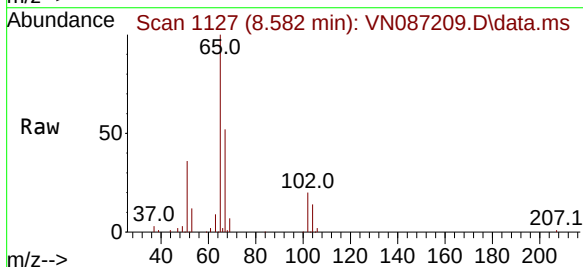
Instrument :
MSVOA_N
ClientSampleId :
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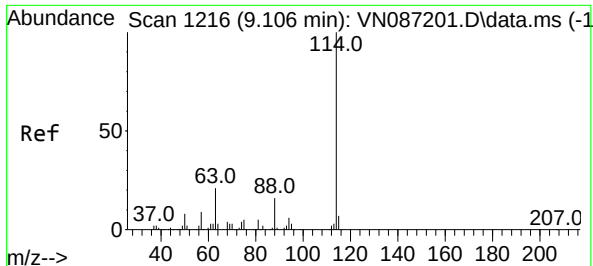
Tgt Ion: 56 Resp: 4392
Ion Ratio Lower Upper
56 100
69 141.8 25.3 37.9#
84 105.9 67.4 101.0#



#33
1,2-Dichloroethane-d4
Concen: 56.549 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 65 Resp: 159637
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.0

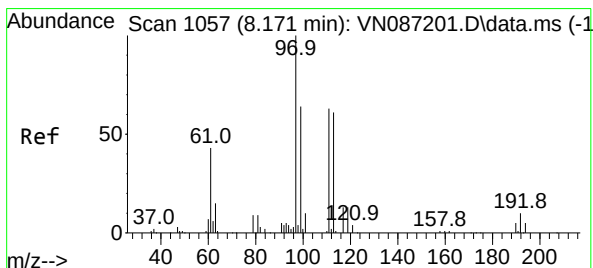
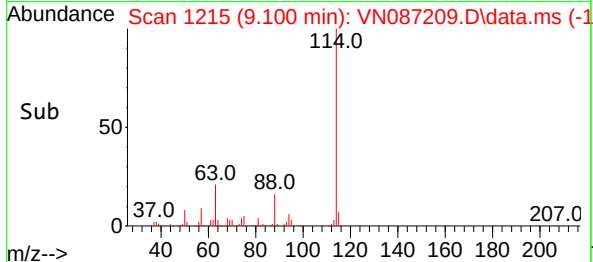
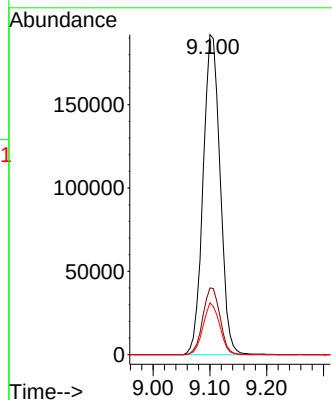
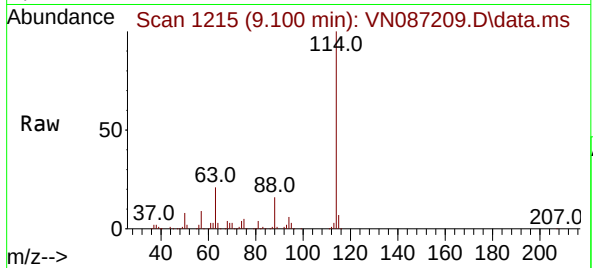




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

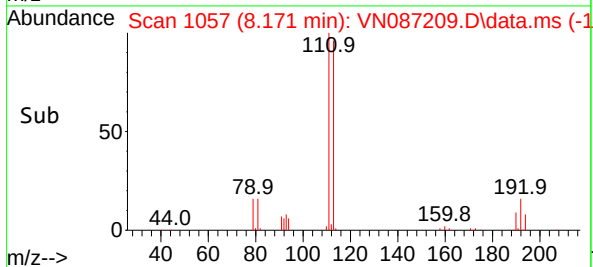
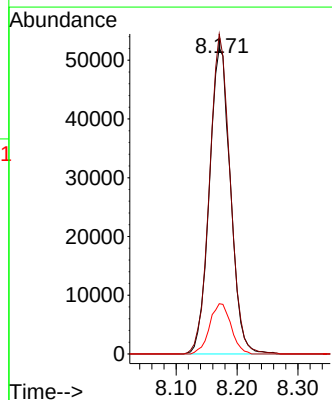
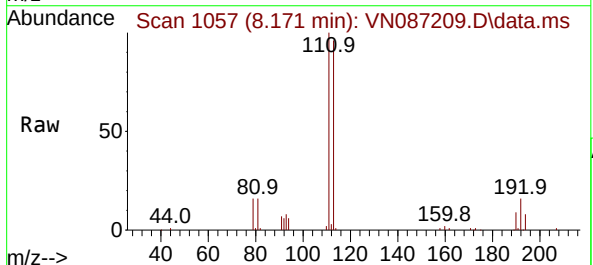
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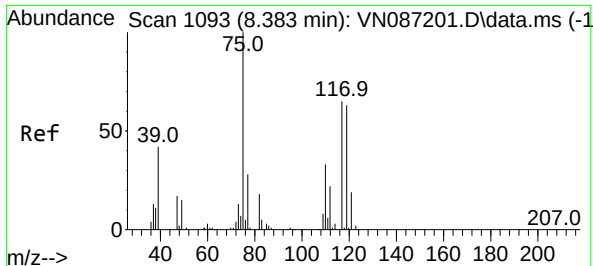
Tgt Ion:114 Resp: 398772
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.0
88 16.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.600 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion:113 Resp: 125295
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 16.7 13.5 20.3

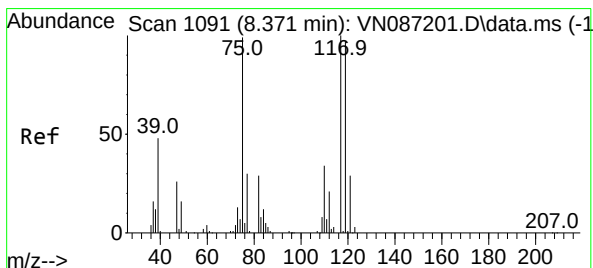
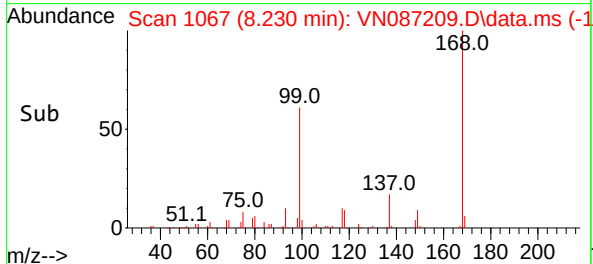
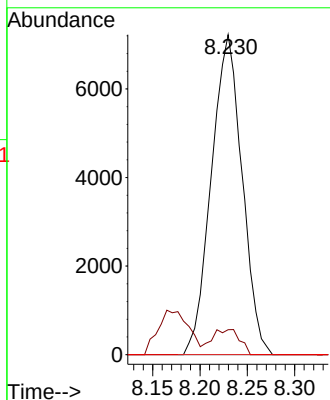
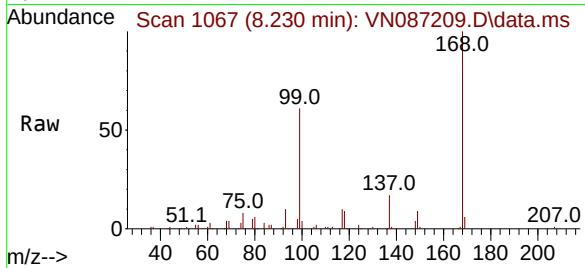




#36
1,1-Dichloropropene
Concen: 4.325 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.153 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

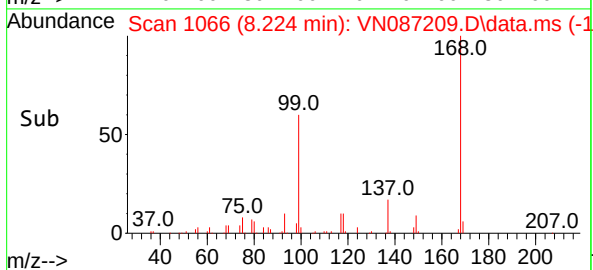
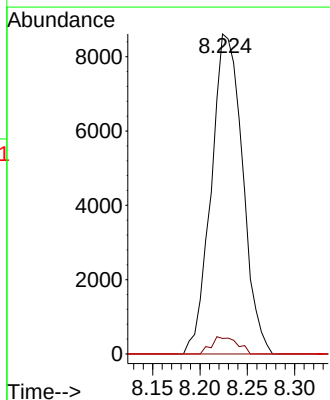
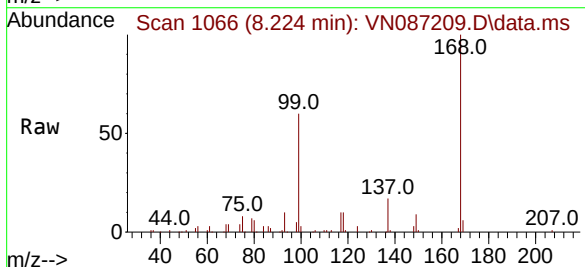
Instrument :
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ClientSampleId :
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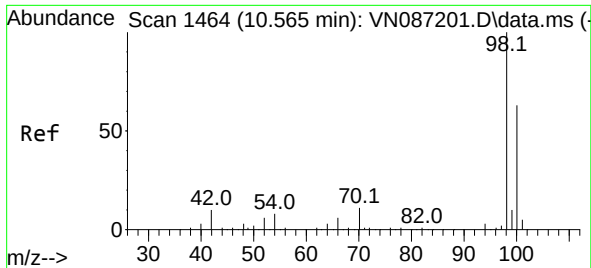
Tgt Ion: 75 Resp: 16331
Ion Ratio Lower Upper
75 100
110 7.2 16.9 50.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.400 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 117 Resp: 19861
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.0#
121 0.0 23.2 34.8#

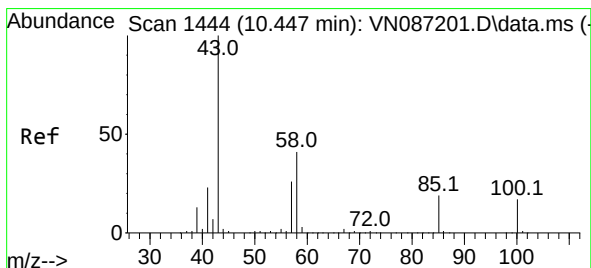
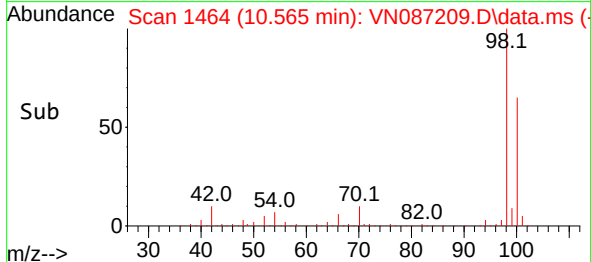
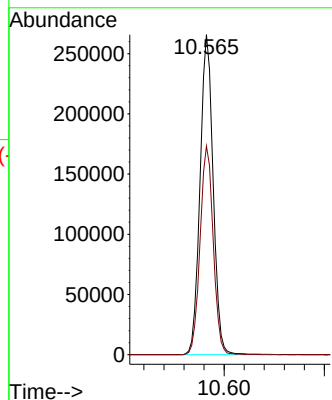
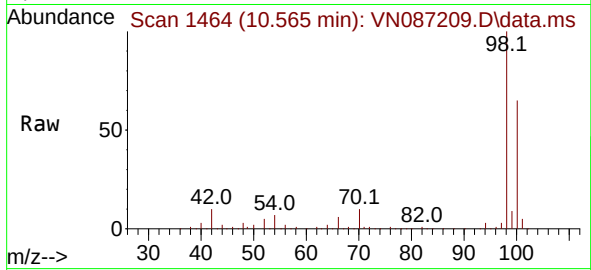




#50
Toluene-d8
Concen: 45.073 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

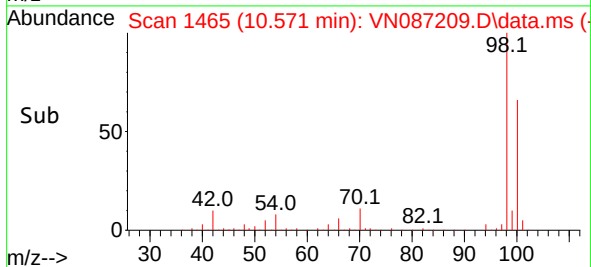
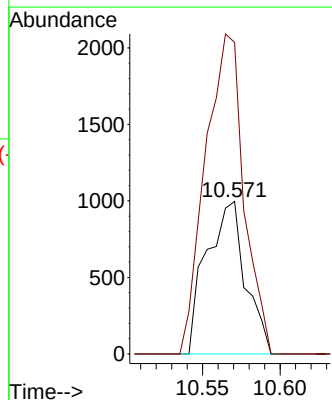
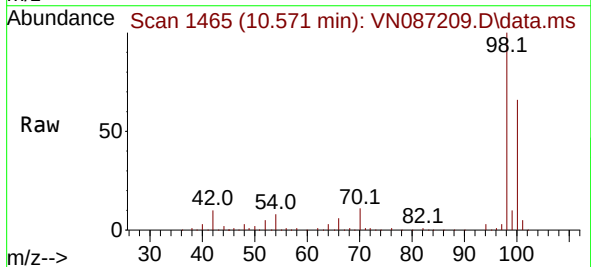
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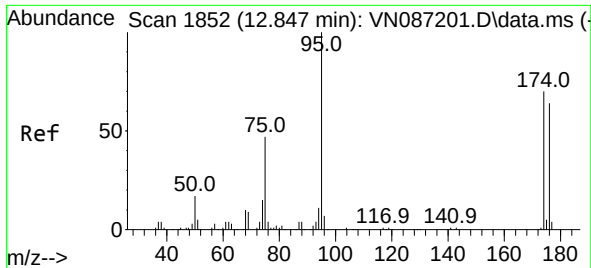
Tgt Ion: 98 Resp: 480608
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: Below Cal
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 207.9 32.6 48.8#

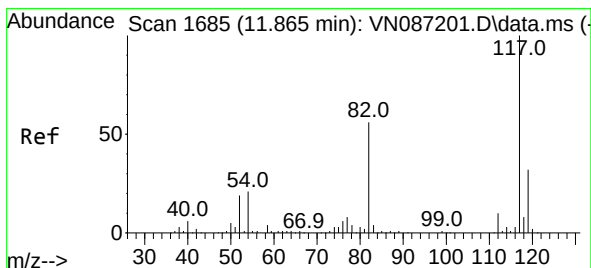
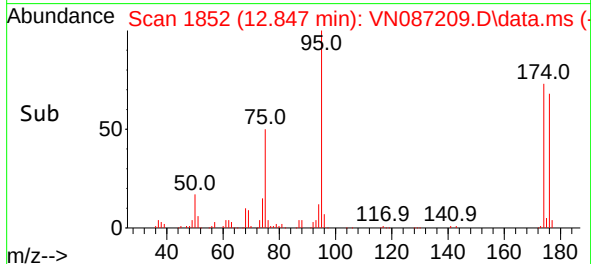
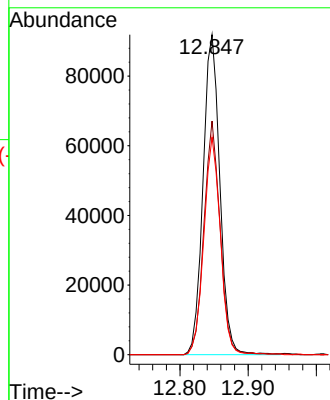
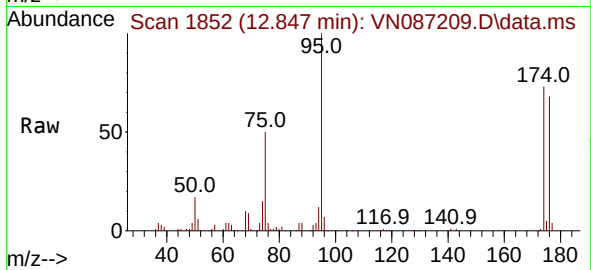




#62
4-Bromofluorobenzene
Concen: 42.668 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

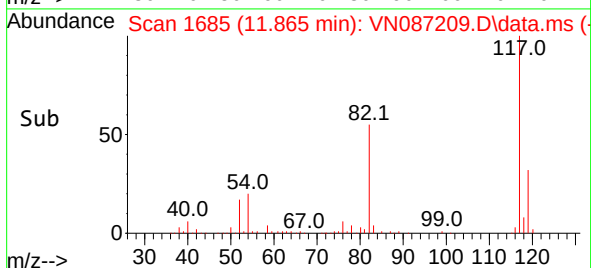
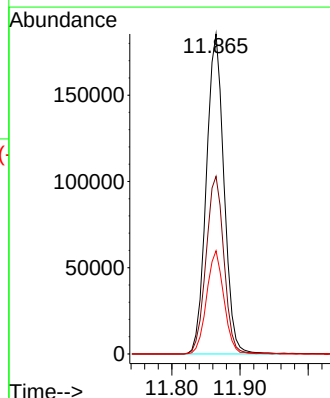
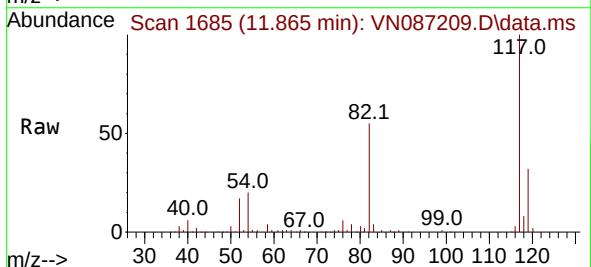
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VN0627WBL01

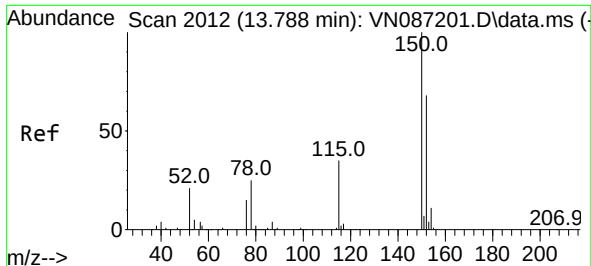
Tgt Ion: 95 Resp: 157866
Ion Ratio Lower Upper
95 100
174 70.3 0.0 142.2
176 66.8 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 117 Resp: 333801
Ion Ratio Lower Upper
117 100
82 55.5 45.0 67.4
119 32.3 25.9 38.9

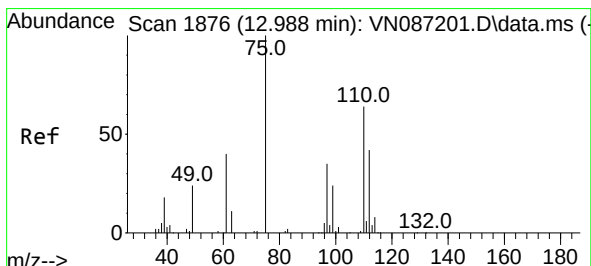
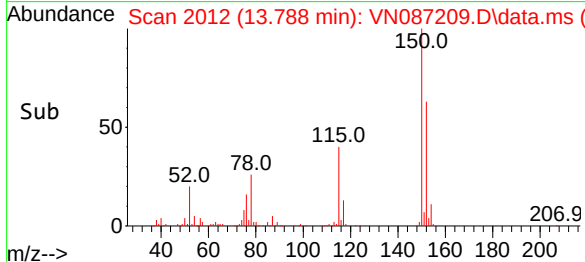
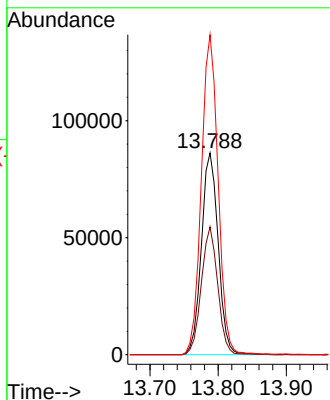
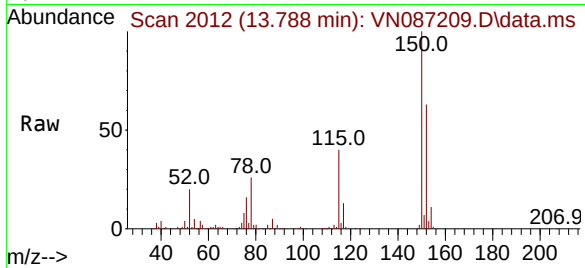




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33

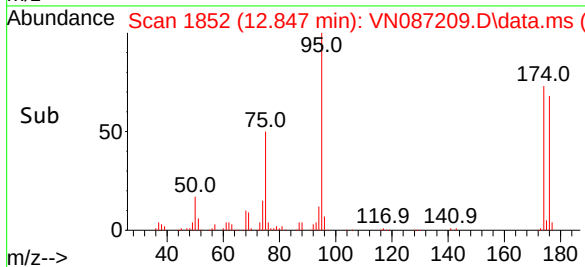
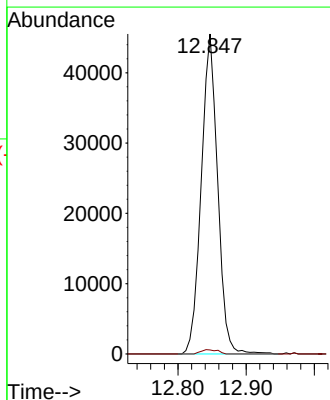
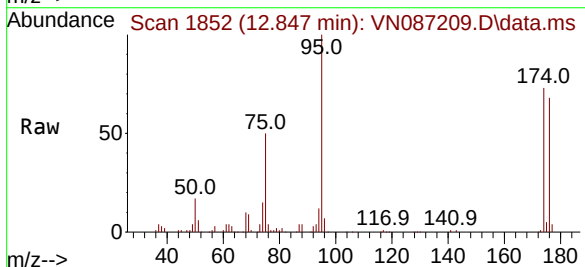
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0627WBL01

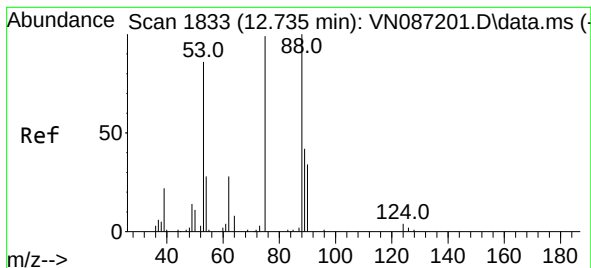
Tgt Ion:152 Resp: 147923
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.6 91.8
 150 158.1 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 23.062 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN087209.D
 Acq: 27 Jun 2025 10:33

Tgt Ion: 75 Resp: 76112
 Ion Ratio Lower Upper
 75 100
 77 1.4 85.5 256.6#

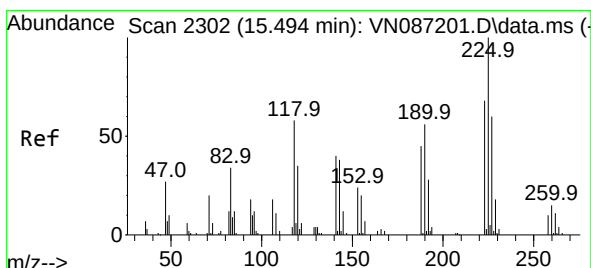
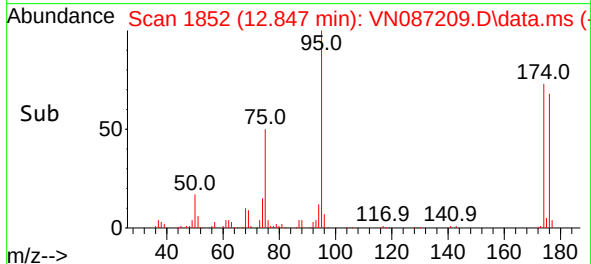
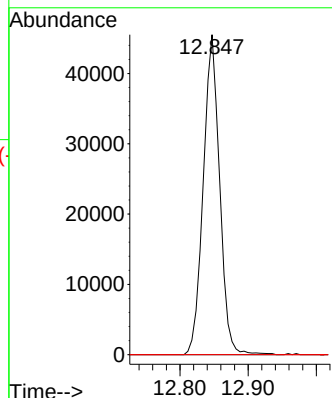
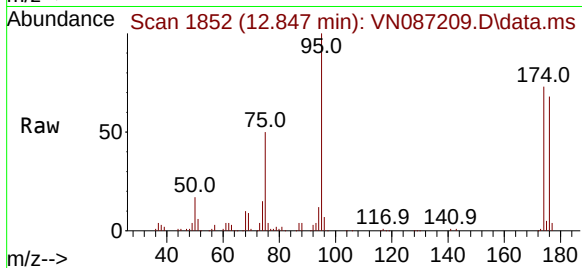




#81
trans-1,4-Dichloro-2-butene
Concen: 51.760 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Instrument :
MSVOA_N
ClientSampleId :
VN0627WBL01

Tgt Ion: 75 Resp: 76112
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.0#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.511 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.000 min
Lab File: VN087209.D
Acq: 27 Jun 2025 10:33

Tgt Ion: 225 Resp: 414
Ion Ratio Lower Upper
225 100
223 28.5 32.9 98.6#
227 13.0 32.0 96.2#

