

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087223.D
 Acq On : 27 Jun 2025 15:35
 Operator : JC\MD
 Sample : Q2437-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Jun 27 23:46:22 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)

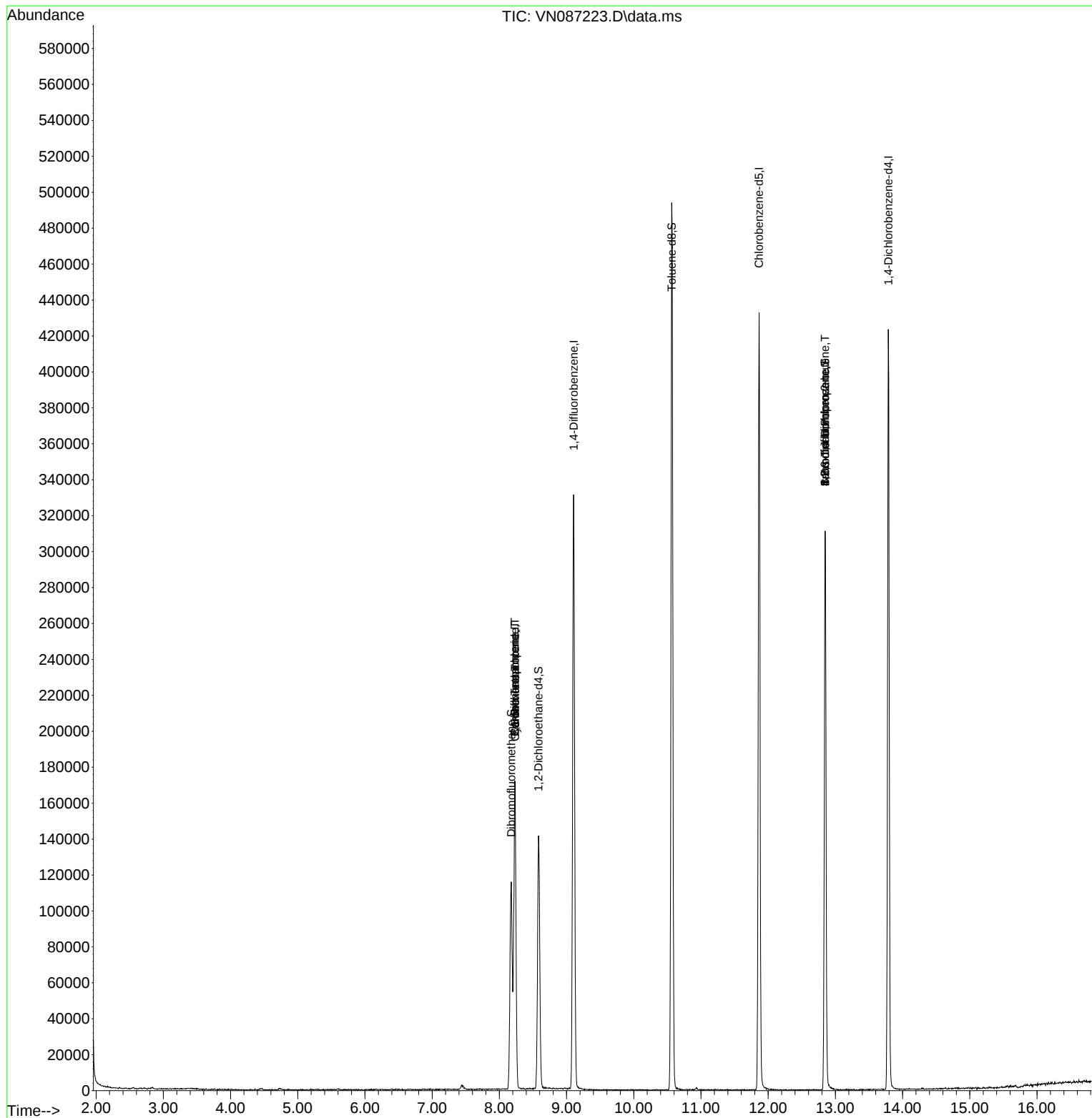
Internal Standards						
1) Pentafluorobenzene	8.230	168	132710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120316	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	117264	61.401	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.800%			
35) Dibromofluoromethane	8.177	113	88632	46.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.820%			
50) Toluene-d8	10.565	98	360901	46.185	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.380%			
62) 4-Bromofluorobenzene	12.847	95	125506	46.287	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.580%			
Target Compounds						
16) Acetone	4.465	43	1574	Below Cal	#	42
17) Carbon Disulfide	4.747	76	148	Below Cal	#	76
18) Methyl Acetate	4.771	43	57	Below Cal	#	51
31) Cyclohexane	8.235	56	2542	0.860	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	11052	3.994	ug/l #	48
38) Carbon Tetrachloride	8.230	117	13091	4.857	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1330	Below Cal	#	1
71) Bromoform	12.847	173	456	0.327	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61049	22.742	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61049	51.042	ug/l #	13

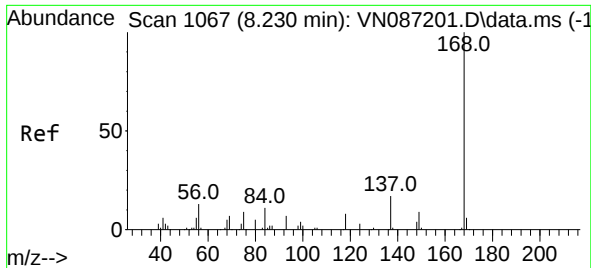
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
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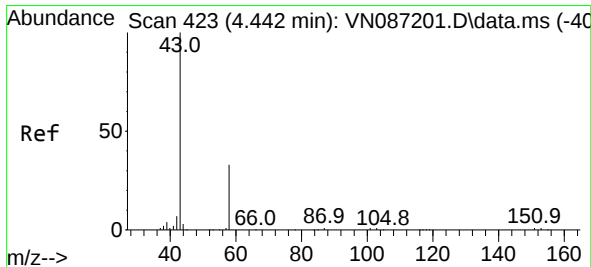
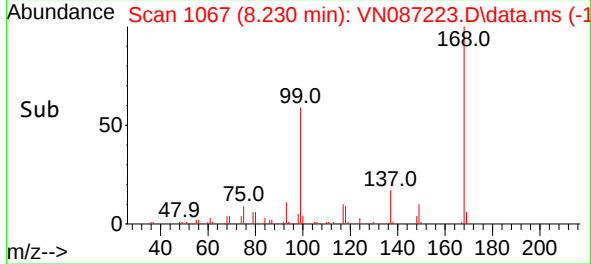
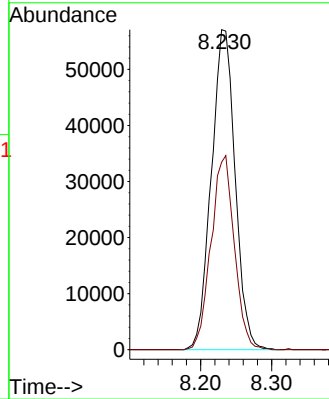
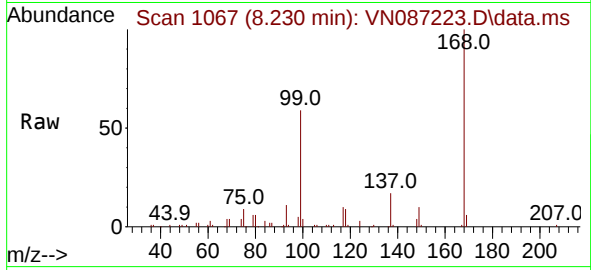




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

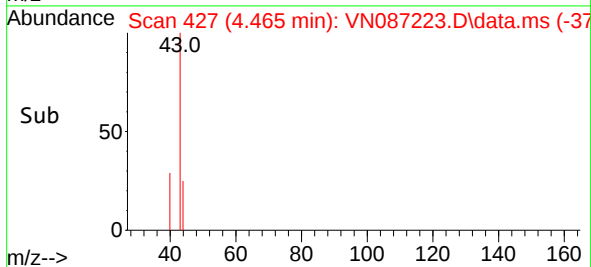
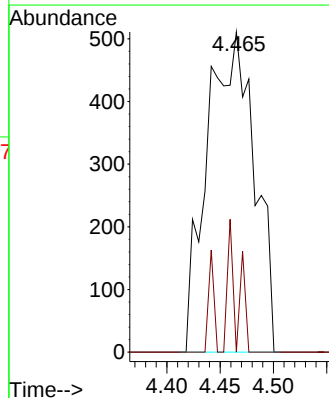
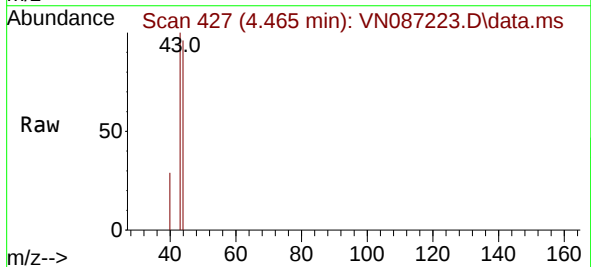
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

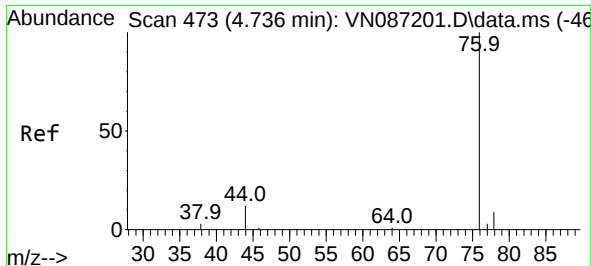
Tgt Ion:168 Resp: 132710
Ion Ratio Lower Upper
168 100
99 58.6 47.9 71.9



#16
Acetone
Concen: Below Cal
RT: 4.465 min Scan# 427
Delta R.T. 0.023 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#

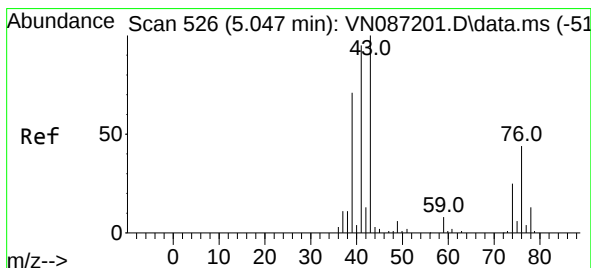
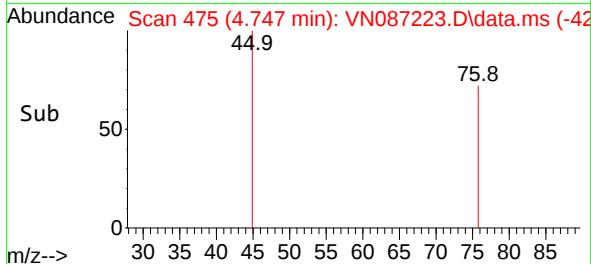
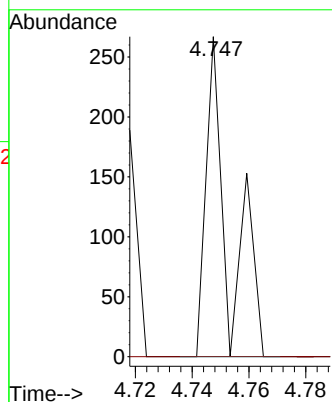
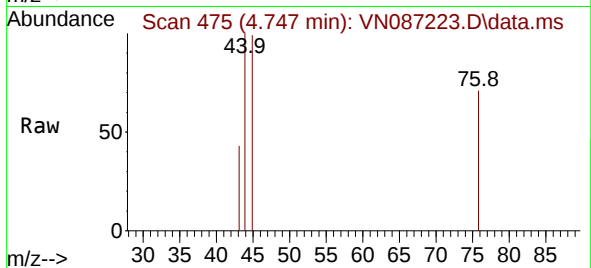




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.747 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

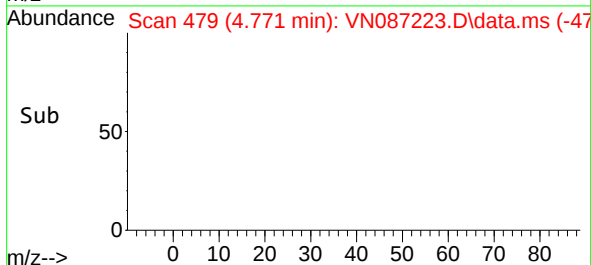
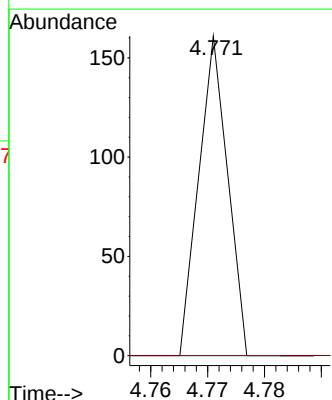
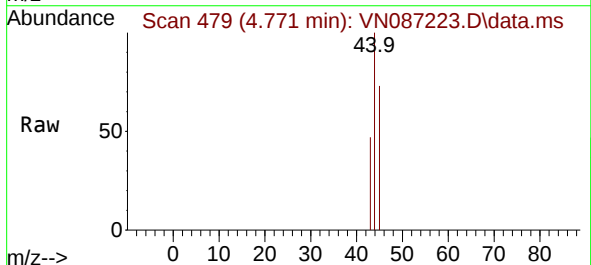
Instrument :
MSVOA_N
ClientSampleId :
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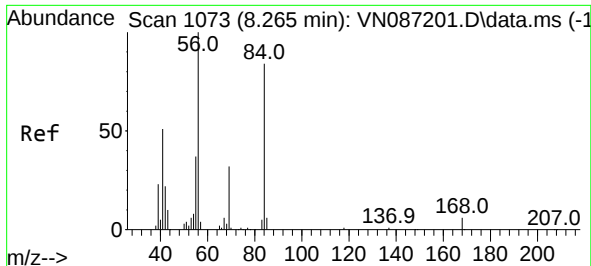
Tgt Ion: 76 Resp: 148
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.771 min Scan# 479
Delta R.T. -0.276 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#

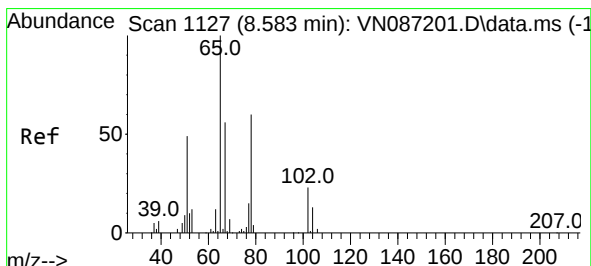
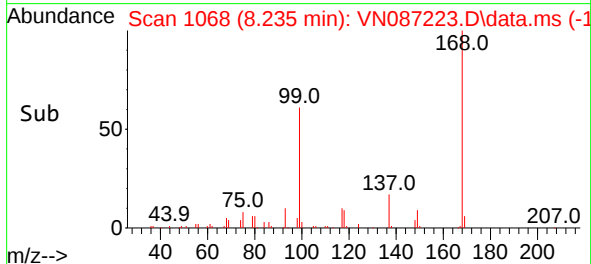
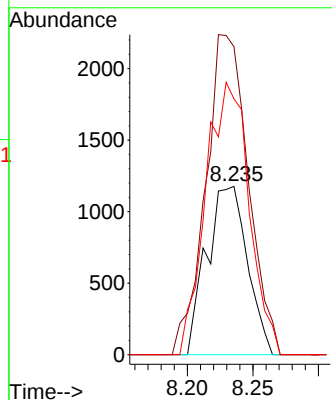
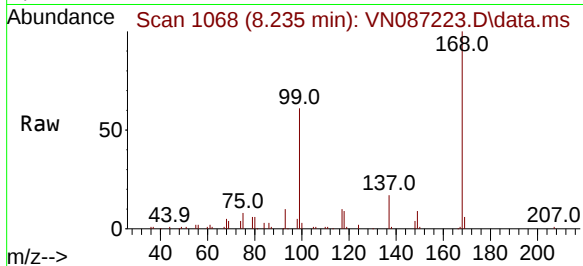




#31
Cyclohexane
Concen: 0.860 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

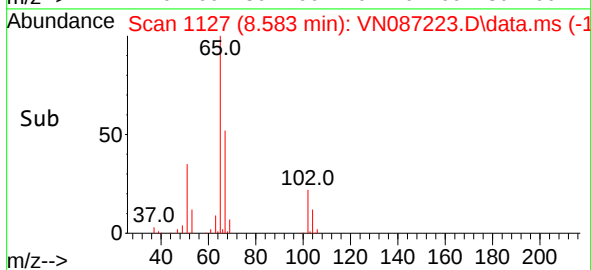
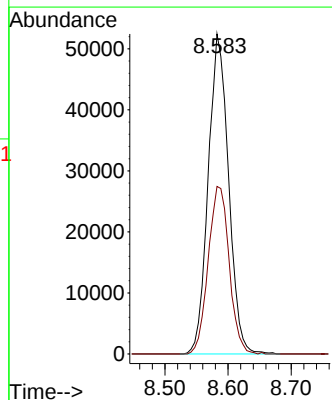
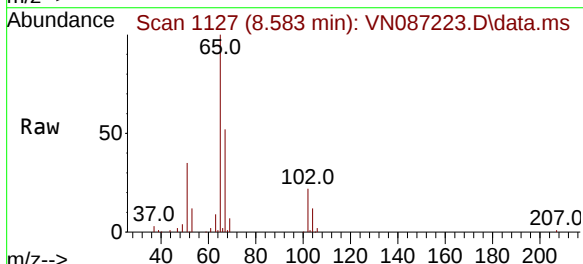
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

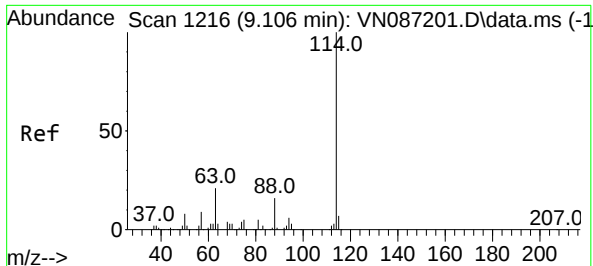
Tgt Ion: 56 Resp: 2542
Ion Ratio Lower Upper
56 100
69 182.9 25.3 37.9#
84 151.9 67.4 101.0#



#33
1,2-Dichloroethane-d4
Concen: 61.401 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Tgt Ion: 65 Resp: 117264
Ion Ratio Lower Upper
65 100
67 53.9 0.0 108.0

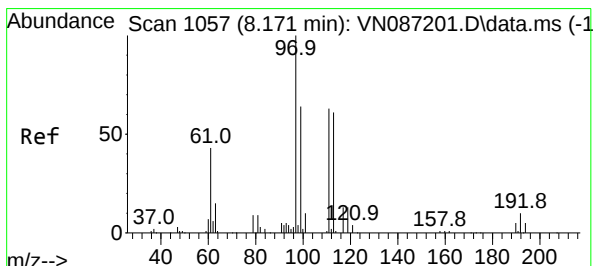
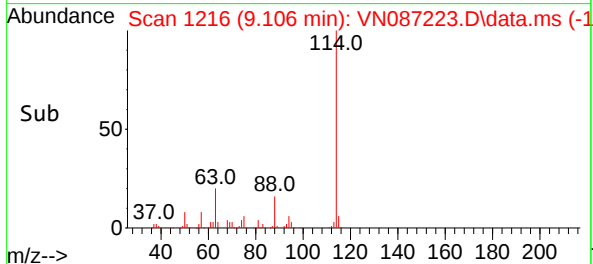
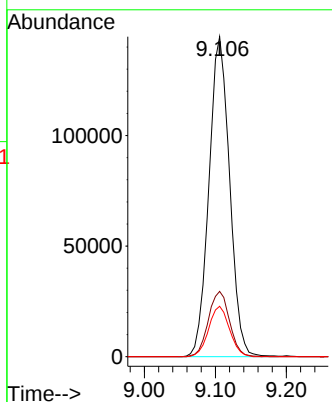
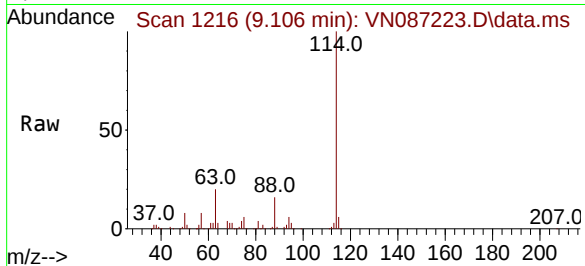




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

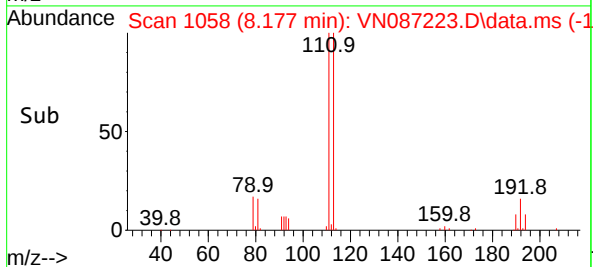
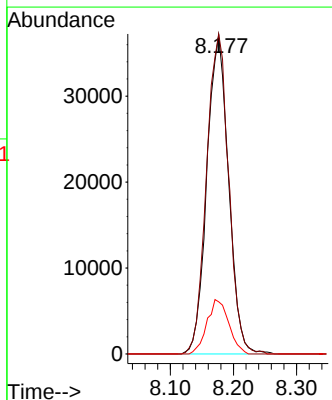
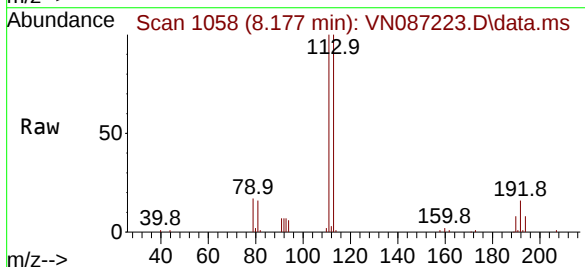
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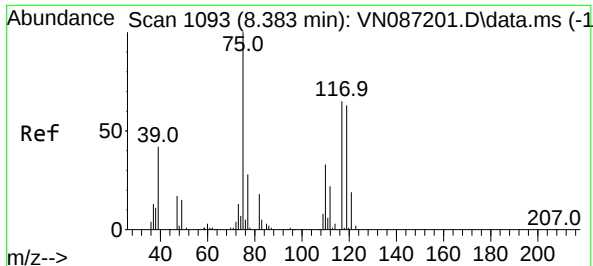
Tgt Ion:114 Resp: 292238
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.0
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 46.911 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Tgt Ion:113 Resp: 88632
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 17.1 13.5 20.3

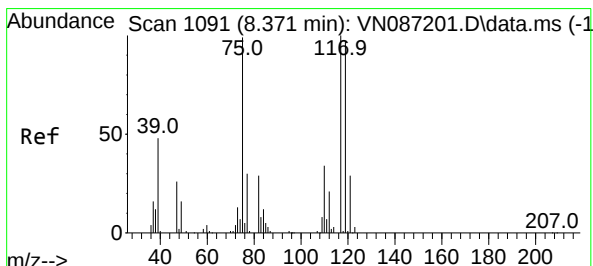
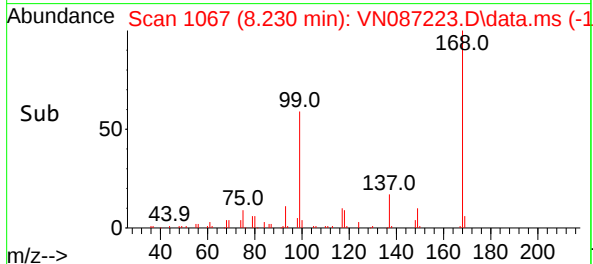
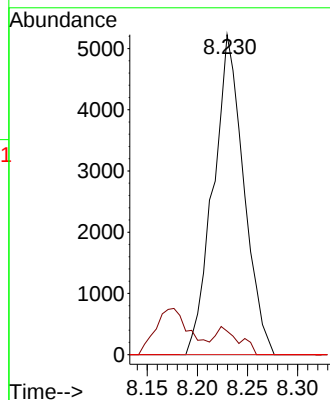
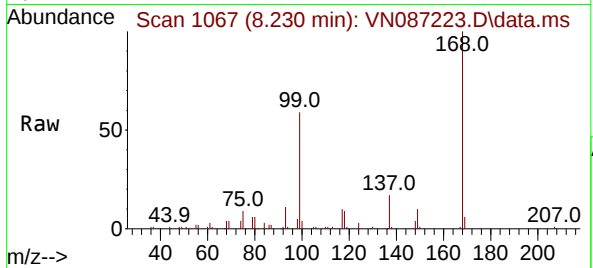




#36
1,1-Dichloropropene
Concen: 3.994 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.153 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

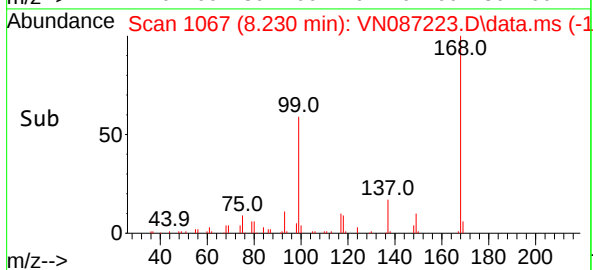
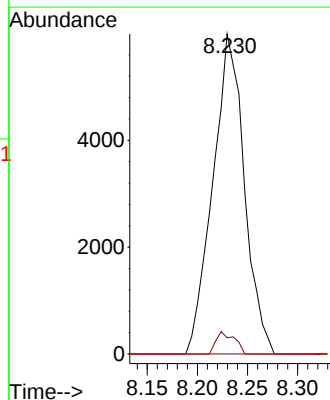
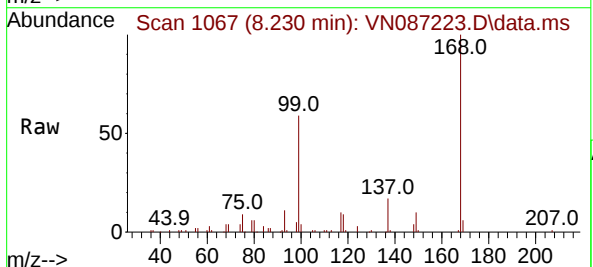
Instrument :
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STORAGE-BLANK-SOIL-REF-6

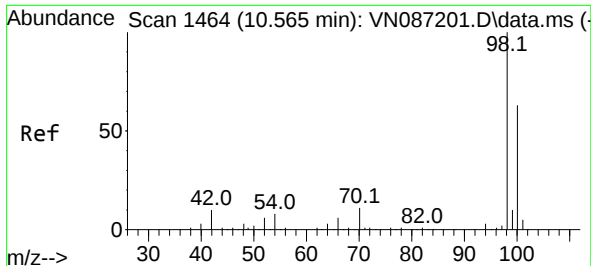
Tgt Ion: 75 Resp: 11052
Ion Ratio Lower Upper
75 100
110 6.7 16.9 50.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 4.857 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Tgt Ion: 117 Resp: 13091
Ion Ratio Lower Upper
117 100
119 5.0 77.4 116.0#
121 0.0 23.2 34.8#

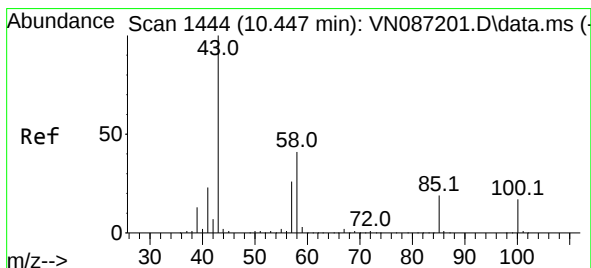
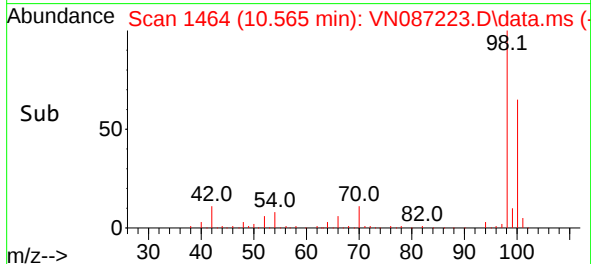
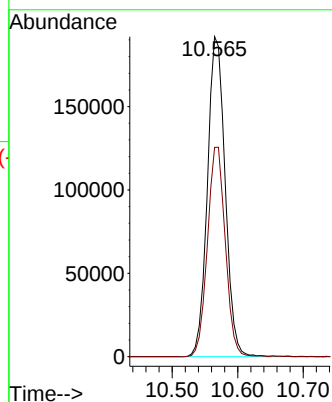
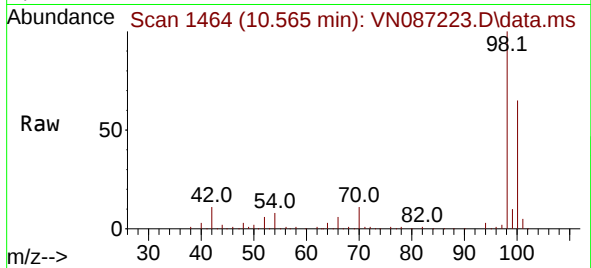




#50
Toluene-d8
Concen: 46.185 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

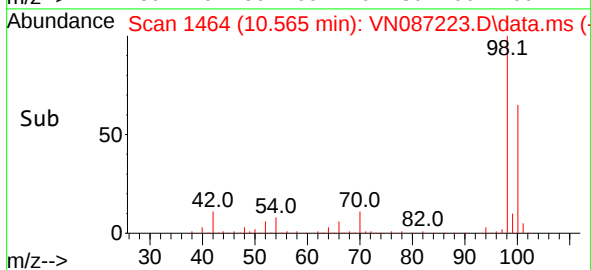
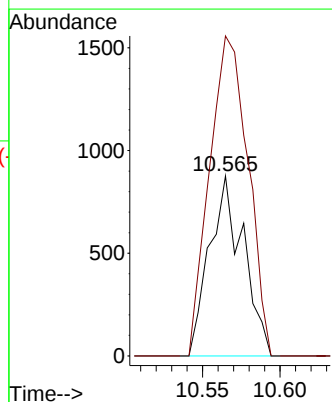
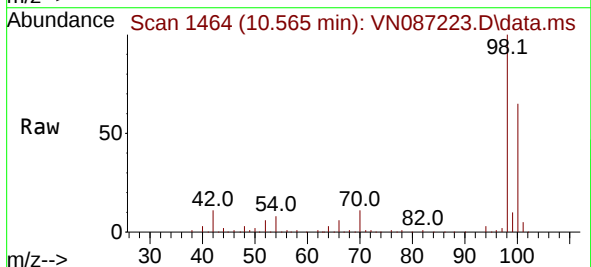
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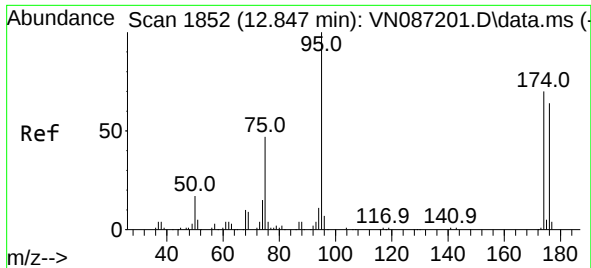
Tgt Ion: 98 Resp: 360901
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: Below Cal
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
58 202.3 32.6 48.8#

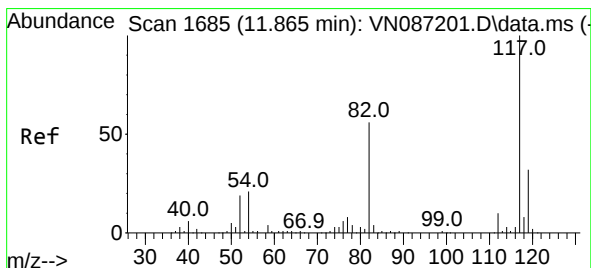
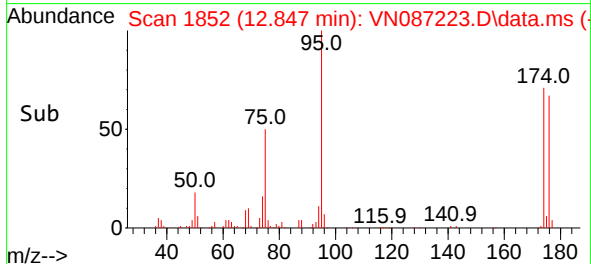
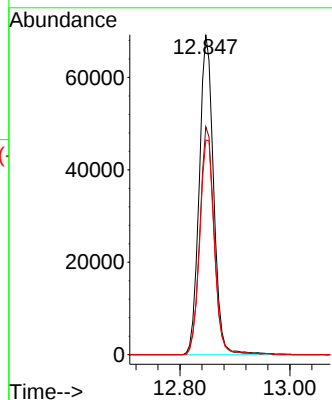
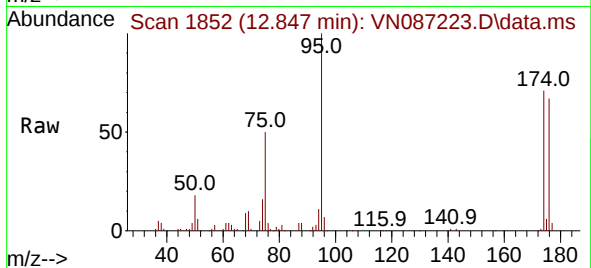




#62
4-Bromofluorobenzene
Concen: 46.287 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

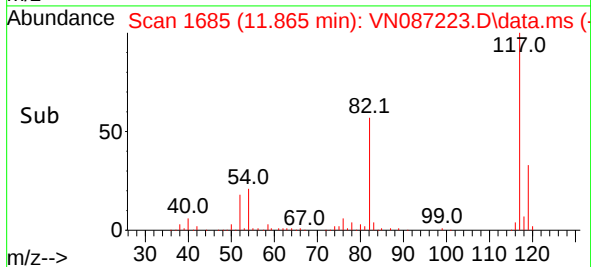
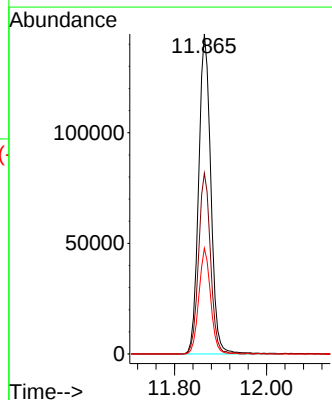
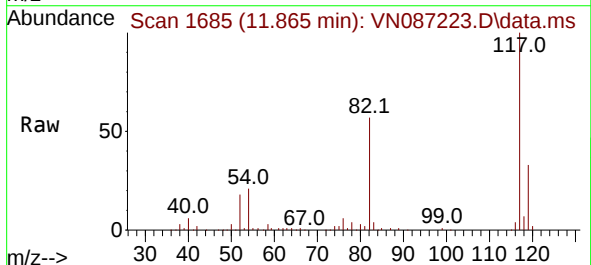
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

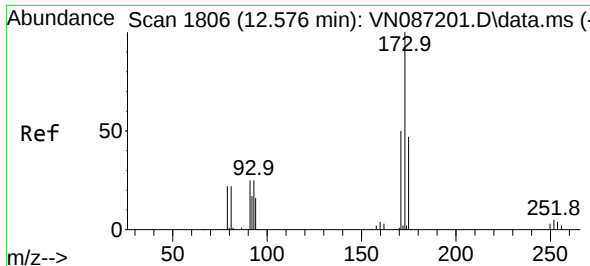
Tgt Ion: 95 Resp: 125506
Ion Ratio Lower Upper
95 100
174 70.6 0.0 142.2
176 68.2 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Tgt Ion: 117 Resp: 265444
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 33.1 25.9 38.9

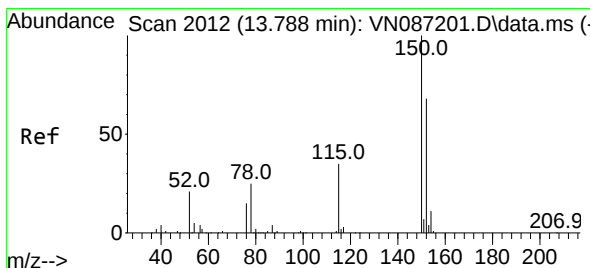
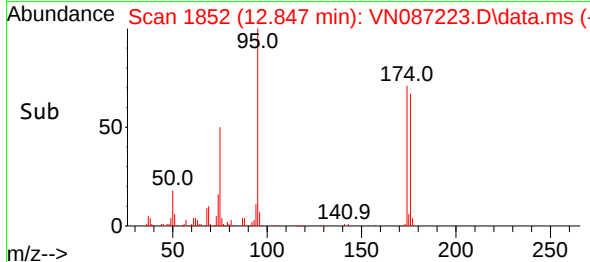
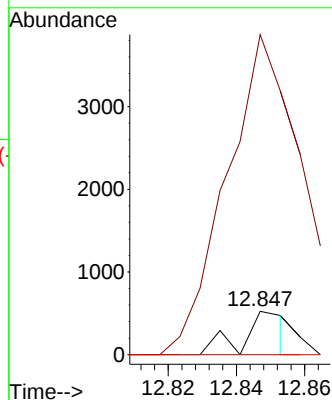
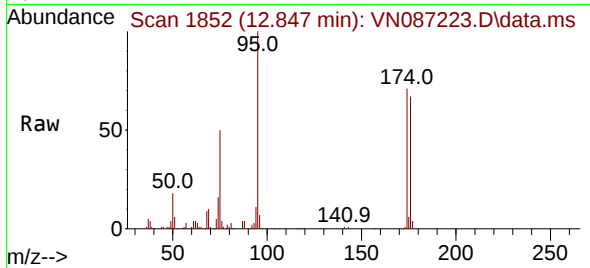




#71
Bromoform
Concen: 0.327 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

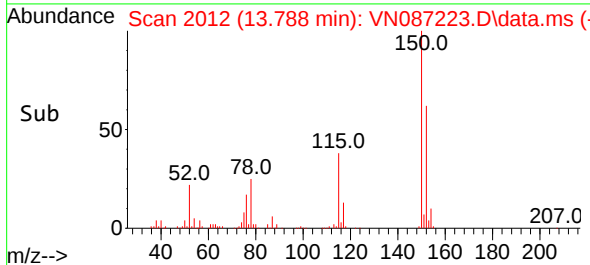
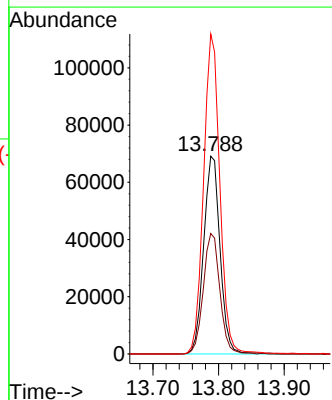
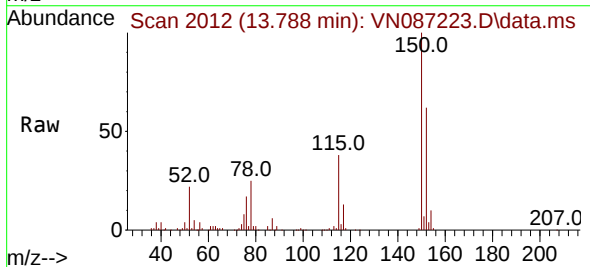
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

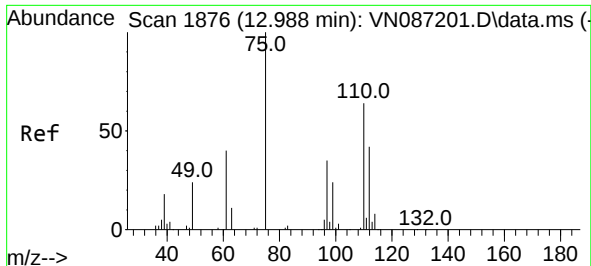
Tgt Ion:173 Resp: 456
Ion Ratio Lower Upper
173 100
175 978.7 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Tgt Ion:152 Resp: 120316
Ion Ratio Lower Upper
152 100
115 61.5 30.6 91.8
150 160.9 0.0 347.8

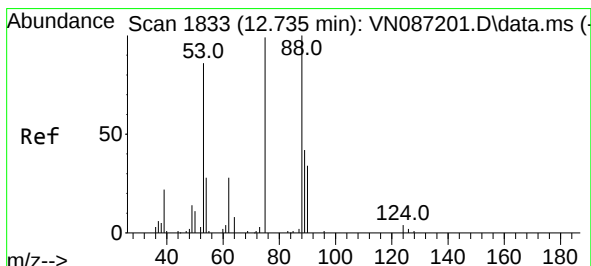
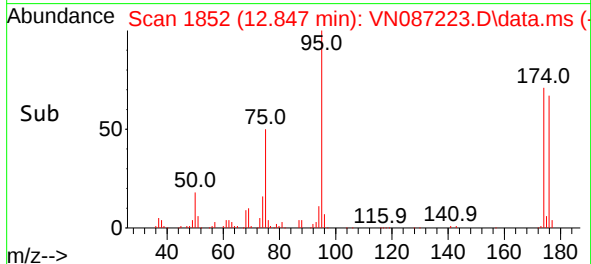
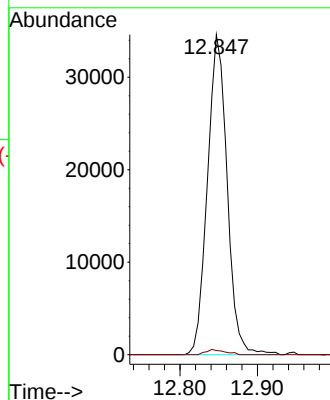
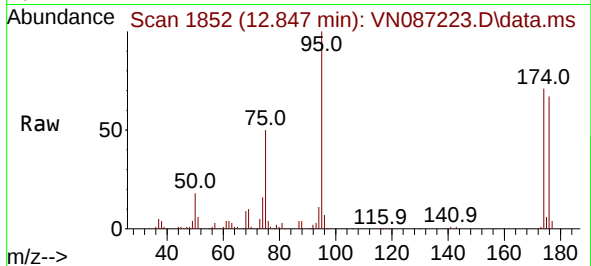




#76
1,2,3-Trichloropropane
Concen: 22.742 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 75 Resp: 61049
Ion Ratio Lower Upper
75 100
77 1.5 85.5 256.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.042 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087223.D
Acq: 27 Jun 2025 15:35

Tgt Ion: 75 Resp: 61049
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.0#
89 0.0 37.9 56.9#

