

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087222.D
 Acq On : 27 Jun 2025 15:14
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

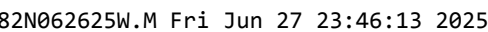
Quant Time: Jun 27 23:46:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

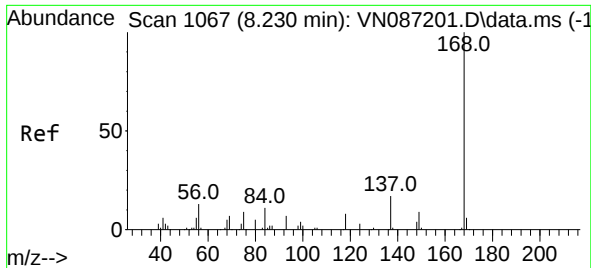
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	166909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137087	57.073	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.140%			
35) Dibromofluoromethane	8.171	113	107387	48.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.640%			
50) Toluene-d8	10.565	98	419466	46.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.220%			
62) 4-Bromofluorobenzene	12.847	95	132045	41.831	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 83.660%			
Target Compounds						
16) Acetone	4.465	43	435	Below Cal	#	42
17) Carbon Disulfide	4.742	76	324	Below Cal	#	76
20) Methylene Chloride	5.318	84	56	Below Cal	#	8
31) Cyclohexane	8.241	56	3436	0.924	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	13656	4.239	ug/l #	50
38) Carbon Tetrachloride	8.230	117	17245	5.496	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	1496	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.847	75	66274	23.337	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66274	52.378	ug/l #	13

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

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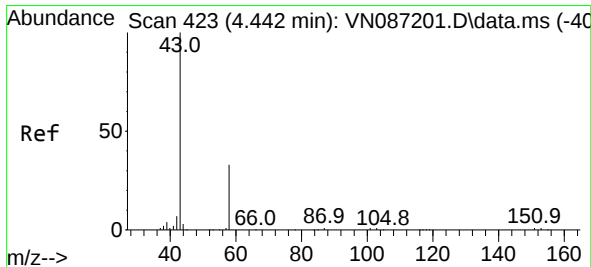
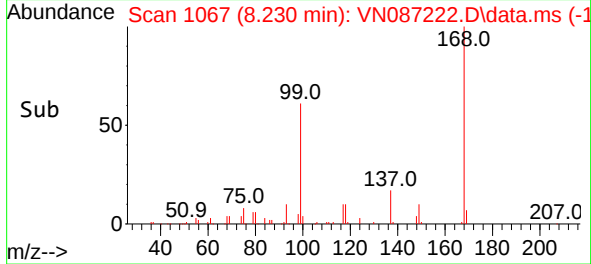
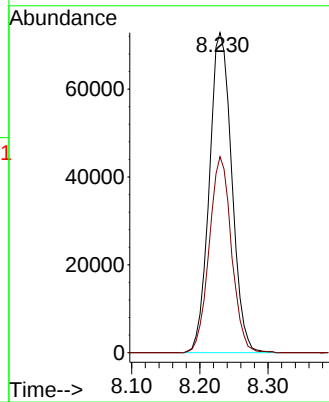
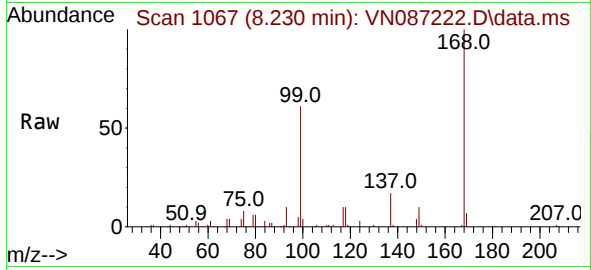




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

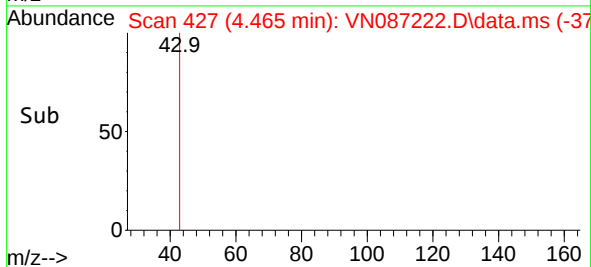
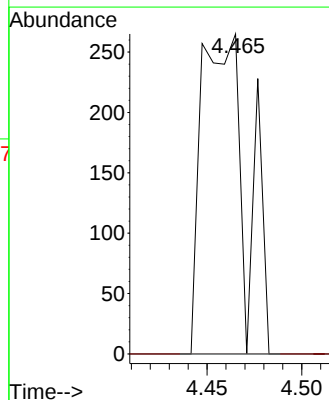
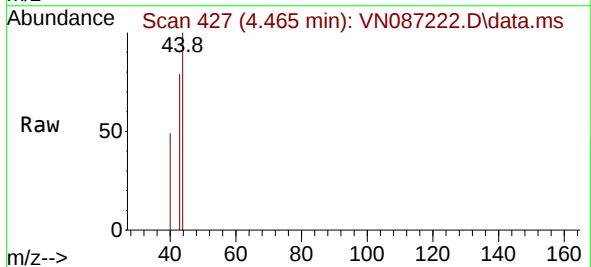
Instrument :
MSVOA_N
ClientSampleId :
IBLK

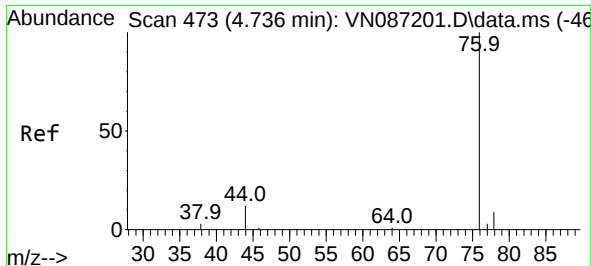
Tgt Ion:168 Resp: 166909
Ion Ratio Lower Upper
168 100
99 61.3 47.9 71.9



#16
Acetone
Concen: Below Cal
RT: 4.465 min Scan# 427
Delta R.T. 0.023 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

Tgt Ion: 43 Resp: 435
Ion Ratio Lower Upper
43 100
58 0.0 26.5 39.7#

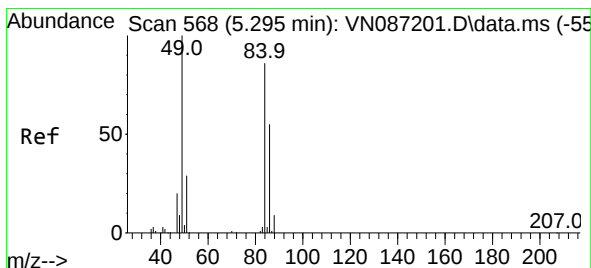
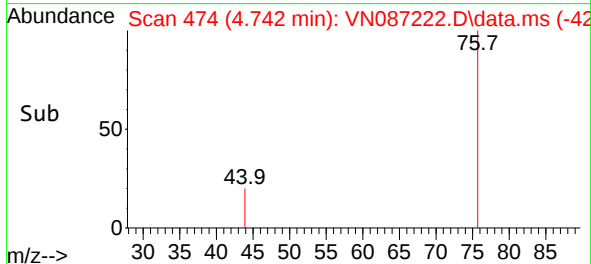
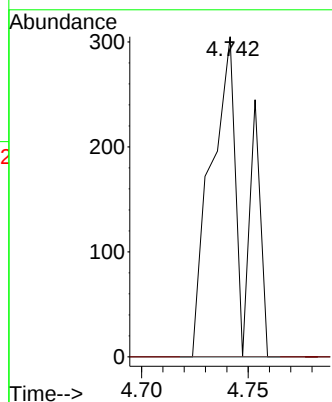
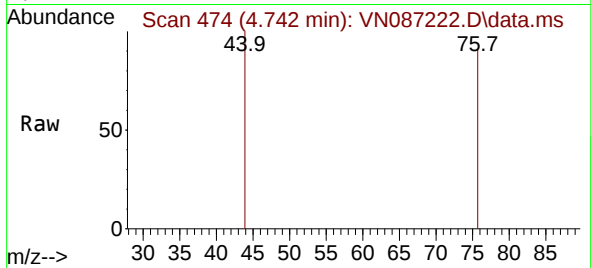




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.742 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

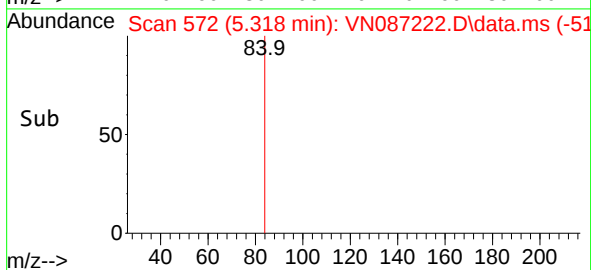
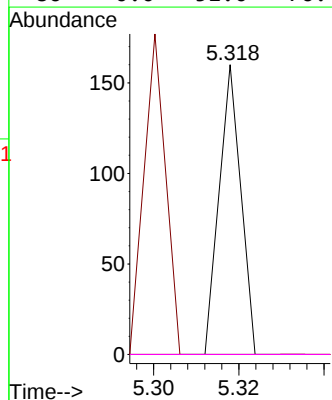
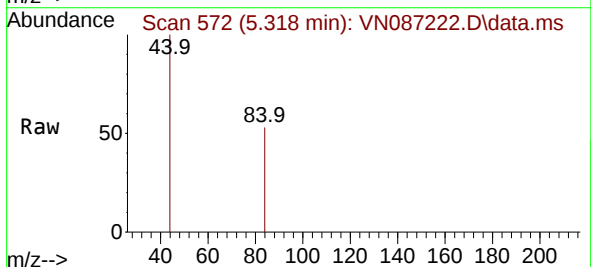
Instrument :
MSVOA_N
ClientSampleId :
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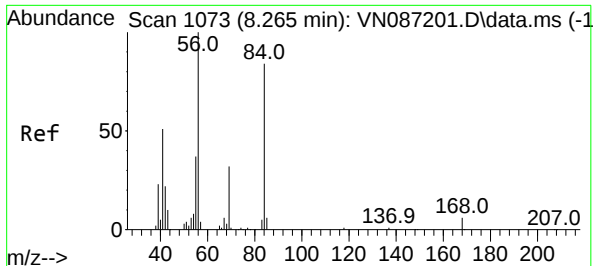
Tgt Ion: 76 Resp: 324
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.318 min Scan# 572
Delta R.T. 0.023 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

Tgt Ion: 84 Resp: 56
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#

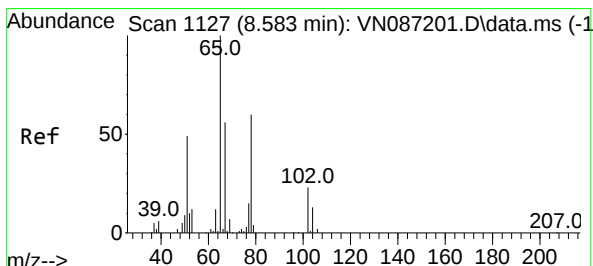
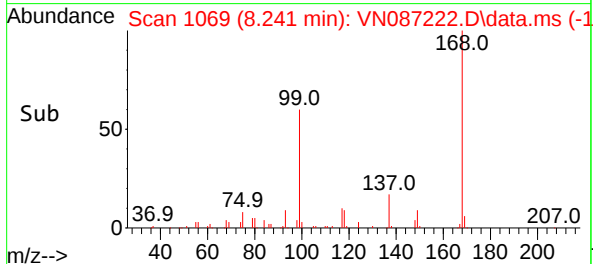
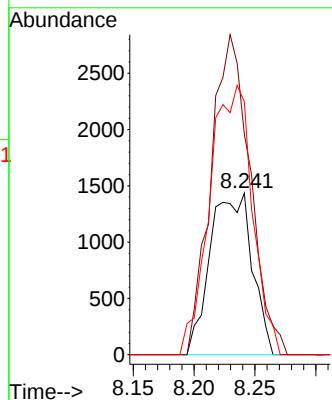
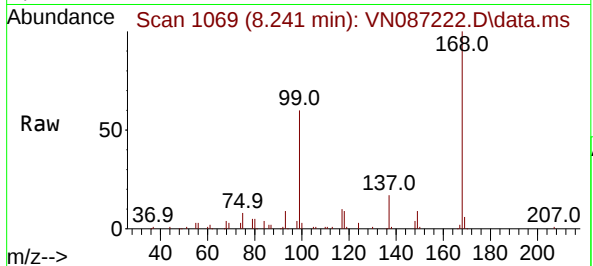




#31
Cyclohexane
Concen: 0.924 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.024 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

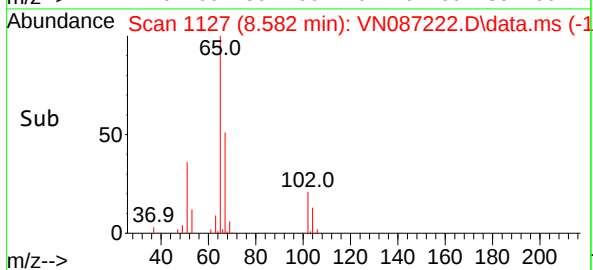
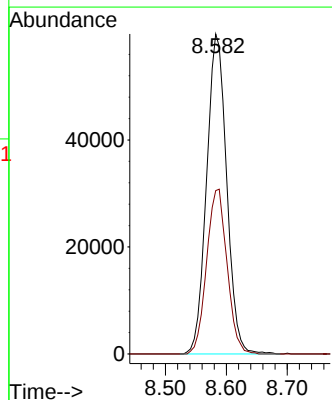
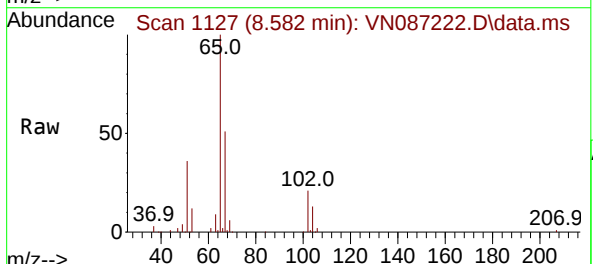
Instrument :
MSVOA_N
ClientSampleId :
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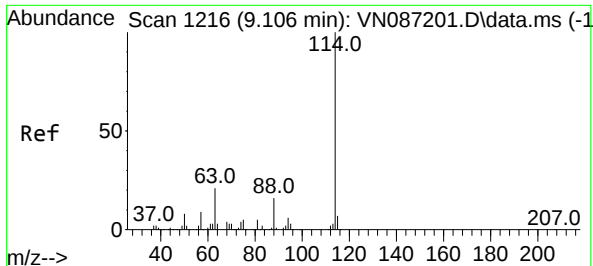
Tgt Ion: 56 Resp: 3436
Ion Ratio Lower Upper
56 100
69 136.5 25.3 37.9#
84 156.7 67.4 101.0#



#33
1,2-Dichloroethane-d4
Concen: 57.073 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

Tgt Ion: 65 Resp: 137087
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.0

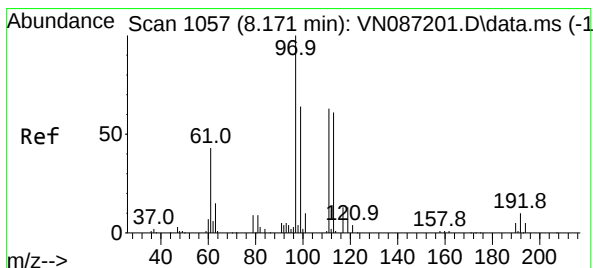
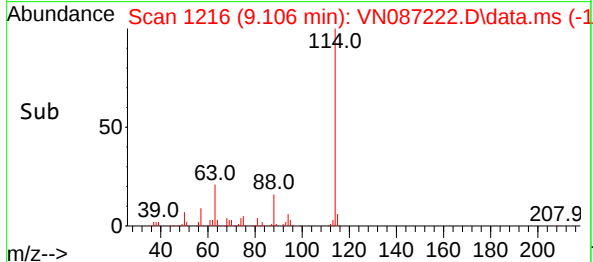
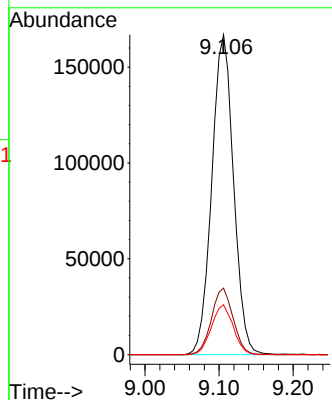
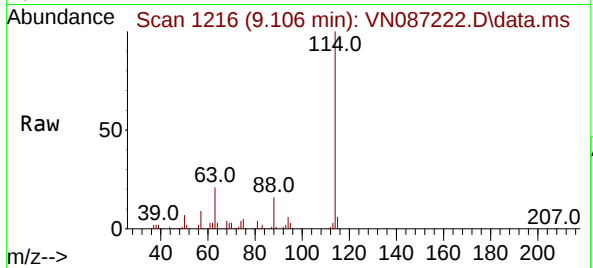




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. -0.000 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

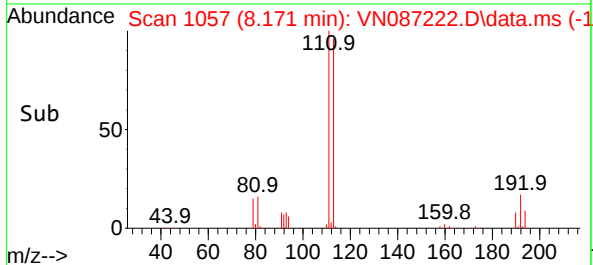
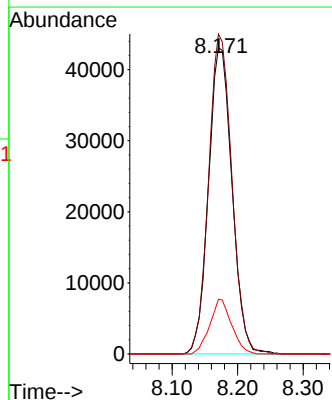
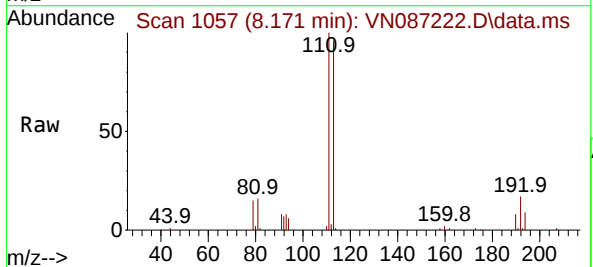
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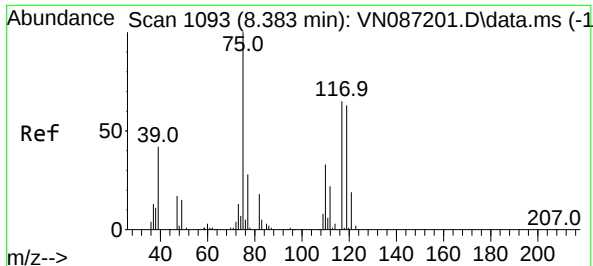
Tgt Ion:114 Resp: 340220
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.0
88 15.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.822 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

Tgt Ion:113 Resp: 107387
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 16.6 13.5 20.3

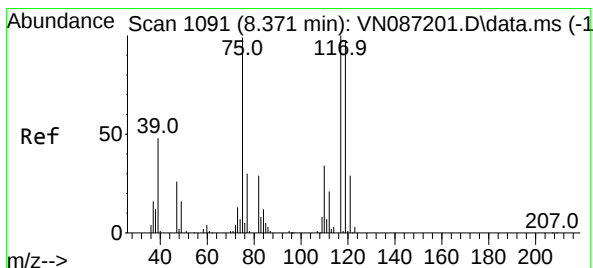
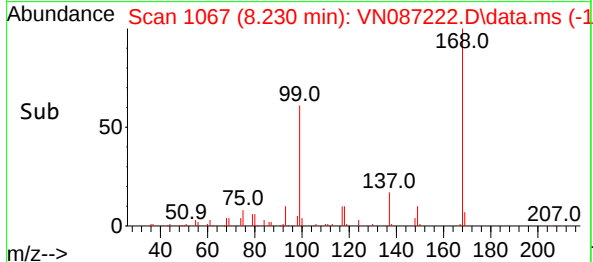
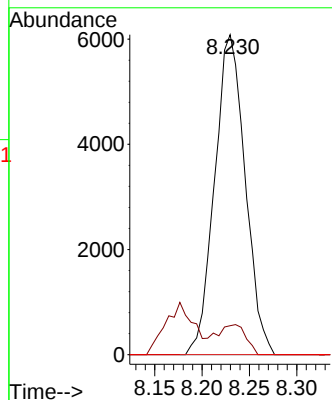
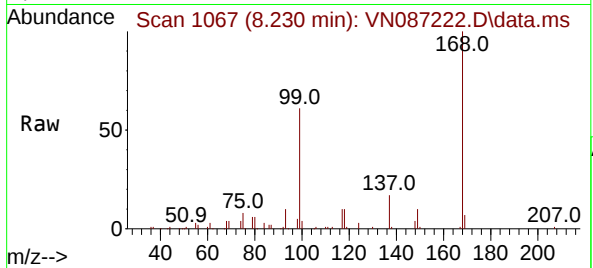




#36
1,1-Dichloropropene
Concen: 4.239 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.153 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

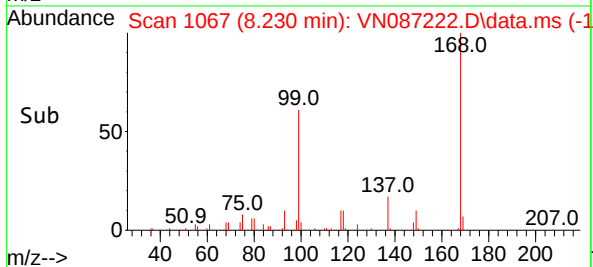
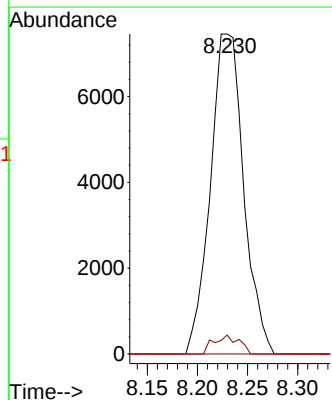
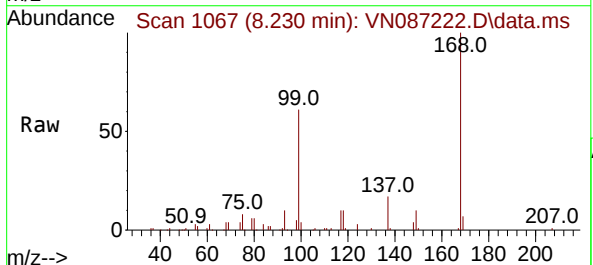
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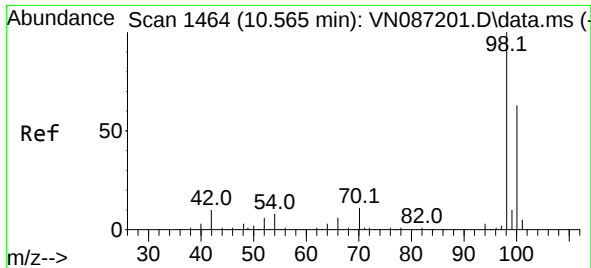
Tgt Ion: 75 Resp: 13656
Ion Ratio Lower Upper
75 100
110 8.8 16.9 50.6#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

Tgt Ion: 117 Resp: 17245
Ion Ratio Lower Upper
117 100
119 5.9 77.4 116.0#
121 0.0 23.2 34.8#

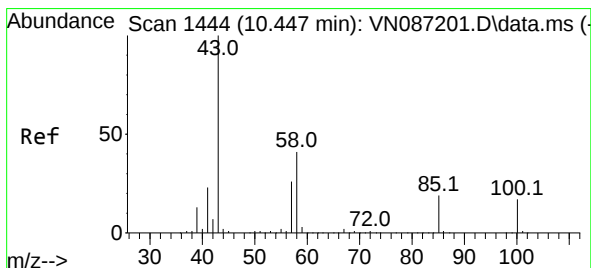
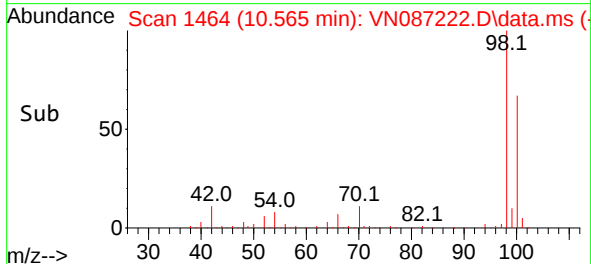
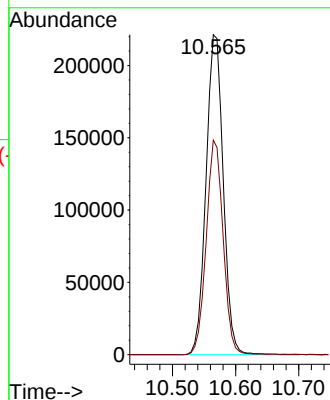
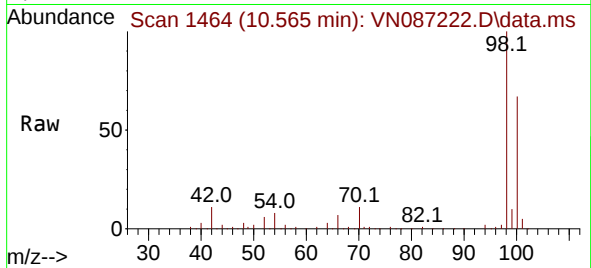




#50
Toluene-d8
Concen: 46.109 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

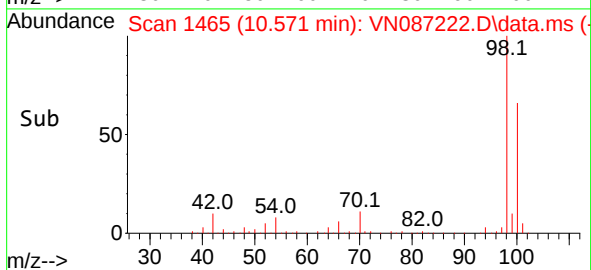
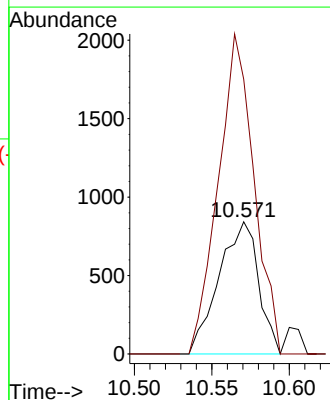
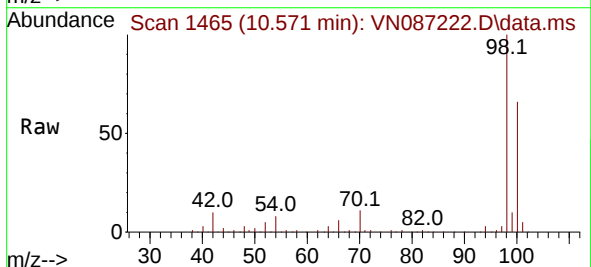
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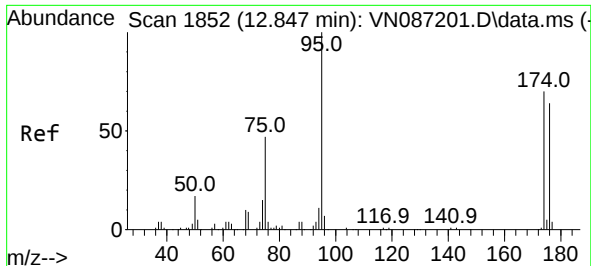
Tgt Ion: 98 Resp: 419466
Ion Ratio Lower Upper
98 100
100 65.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: Below Cal
RT: 10.571 min Scan# 1465
Delta R.T. 0.124 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 219.0 32.6 48.8#

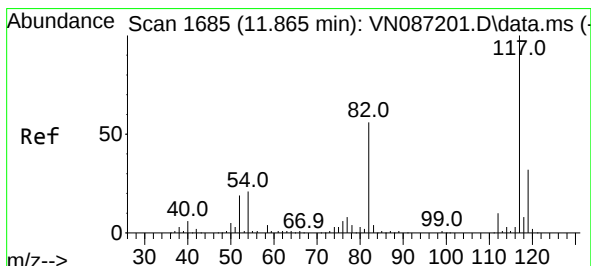
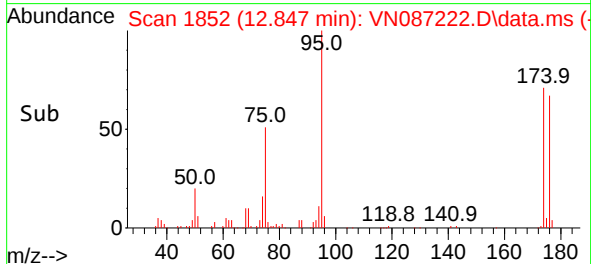
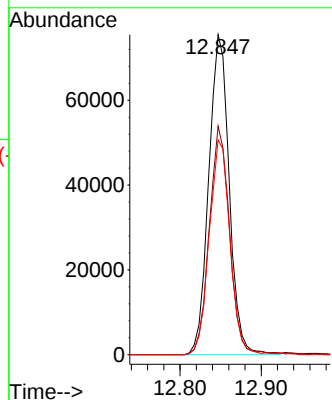
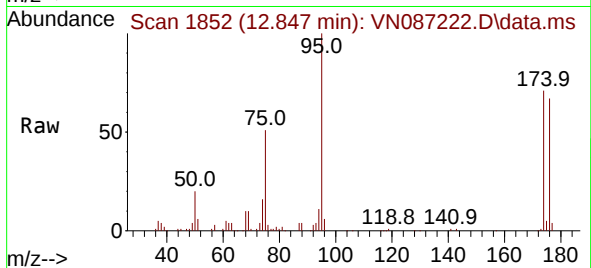




#62
4-Bromofluorobenzene
Concen: 41.831 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

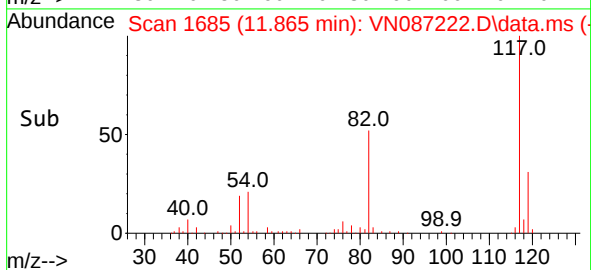
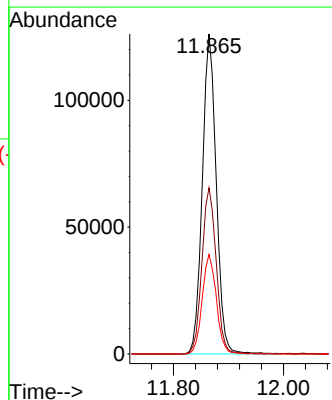
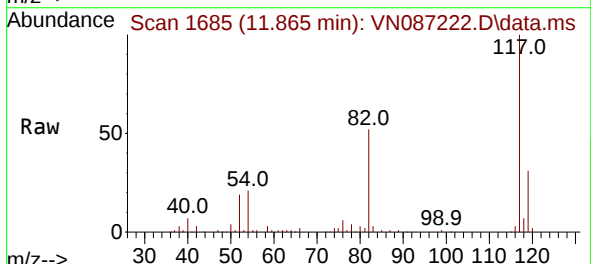
Instrument :
MSVOA_N
ClientSampleId :
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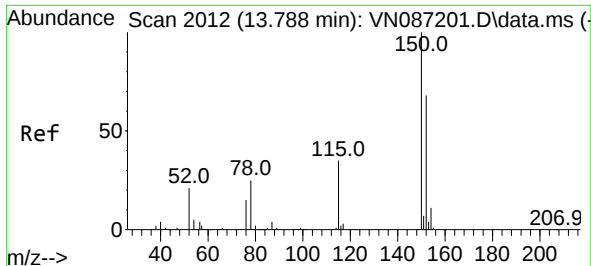
Tgt Ion: 95 Resp: 132045
Ion Ratio Lower Upper
95 100
174 71.0 0.0 142.2
176 67.7 0.0 134.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

Tgt Ion: 117 Resp: 222391
Ion Ratio Lower Upper
117 100
82 51.9 45.0 67.4
119 31.1 25.9 38.9

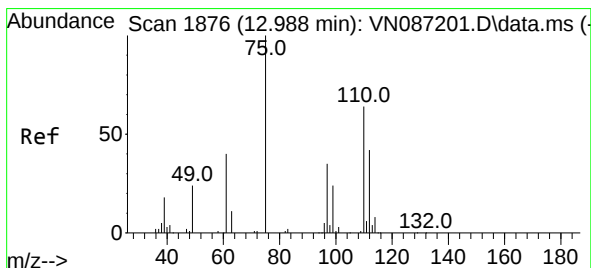
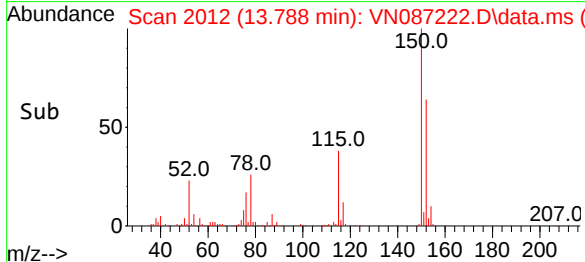
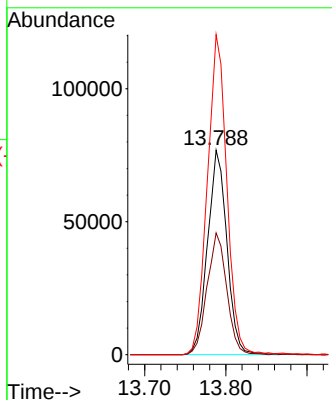
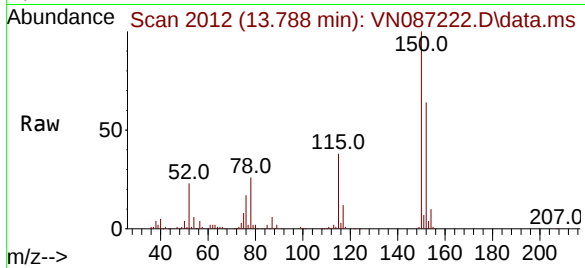




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087222.D
 Acq: 27 Jun 2025 15:14

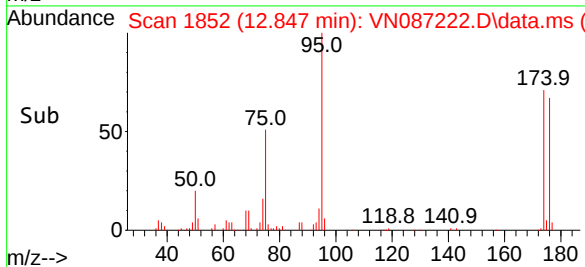
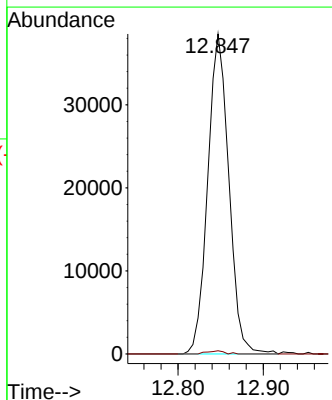
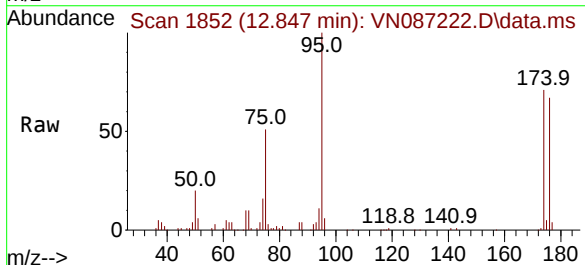
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

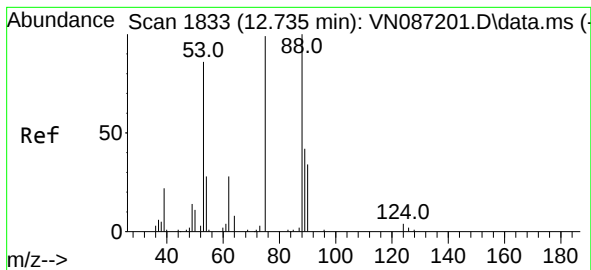
Tgt Ion:152 Resp: 127284
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.6 91.8
 150 157.8 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 23.337 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN087222.D
 Acq: 27 Jun 2025 15:14

Tgt Ion: 75 Resp: 66274
 Ion Ratio Lower Upper
 75 100
 77 0.8 85.5 256.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 52.378 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN087222.D
Acq: 27 Jun 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 66274
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.0#
89 0.0 37.9 56.9#

