

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086625.D
 Acq On : 14 May 2025 14:32
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 15 03:03:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

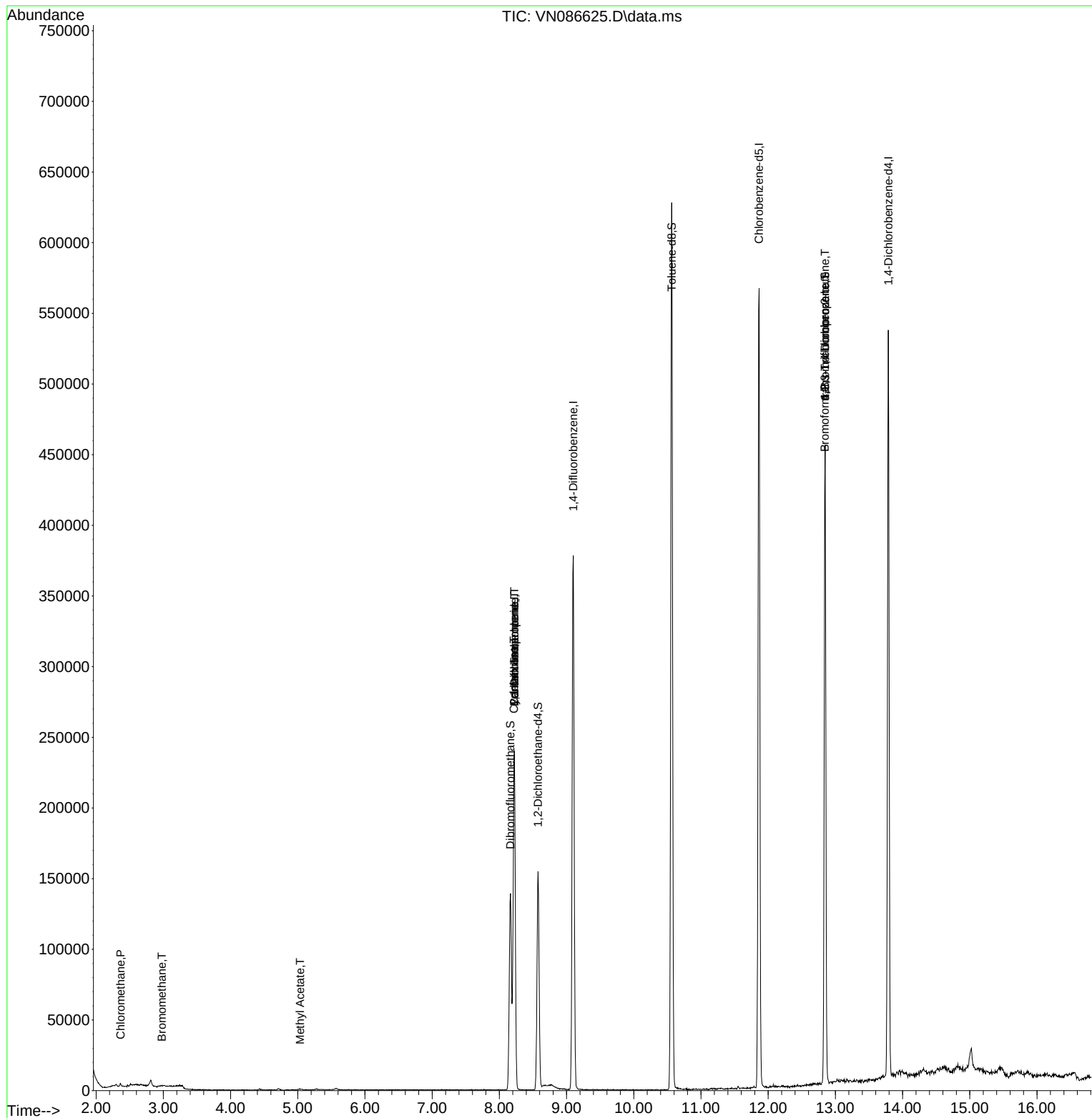
Internal Standards						
1) Pentafluorobenzene	8.224	168	178593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	343175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	338562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	144408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126543	48.863	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.720%		
35) Dibromofluoromethane	8.165	113	103818	65.183	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	130.360%#		
50) Toluene-d8	10.565	98	443915	52.150	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.300%		
62) 4-Bromofluorobenzene	12.847	95	165504	53.306	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	106.620%		
Target Compounds			Qvalue			
3) Chloromethane	2.365	50	2016	0.655	ug/l	99
5) Bromomethane	2.977	94	453	0.343	ug/l #	71
16) Acetone	4.430	43	1626	Below Cal	#	68
18) Methyl Acetate	5.036	43	1385	0.446	ug/l #	59
31) Cyclohexane	8.218	56	4022	0.958	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14620	4.596	ug/l #	49
38) Carbon Tetrachloride	8.224	117	18272	6.031	ug/l #	14
43) Isopropyl Acetate	8.682	43	2734	Below Cal	#	55
71) Bromoform	12.841	173	1068	0.569	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	81847	24.017	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	81847	57.681	ug/l #	10

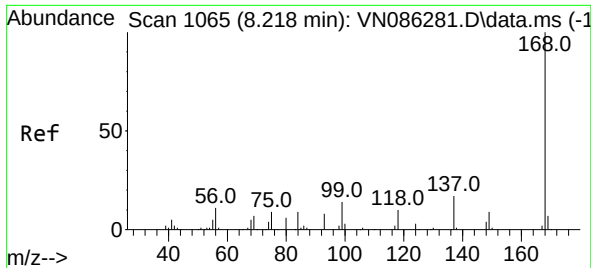
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
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IBLK

Quant Time: May 15 03:03:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

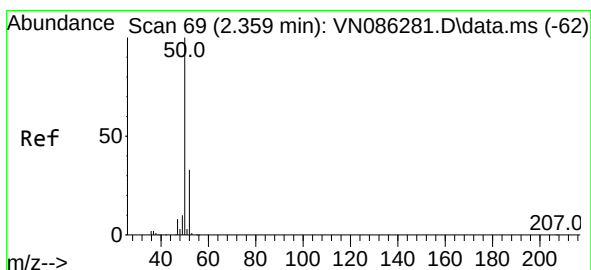
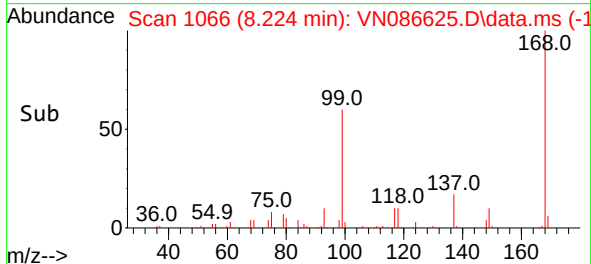
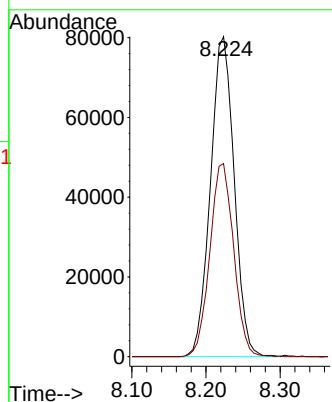
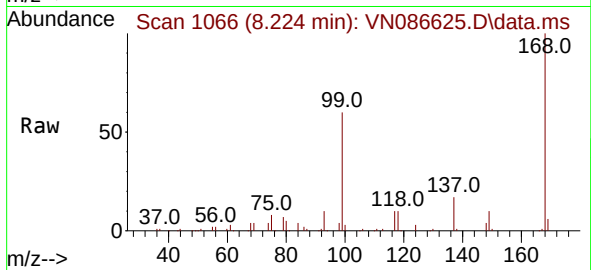




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

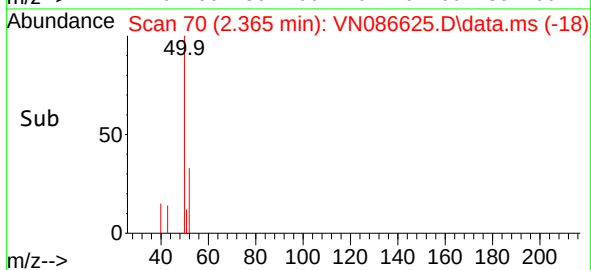
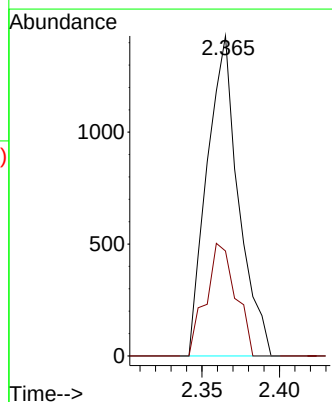
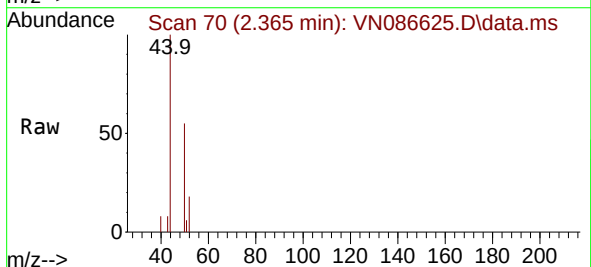
Instrument :
MSVOA_N
ClientSampleId :
IBLK

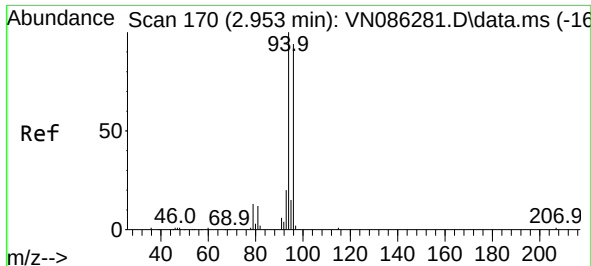
Tgt Ion:168 Resp: 178593
Ion Ratio Lower Upper
168 100
99 60.3 52.5 78.7



#3
Chloromethane
Concen: 0.655 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion: 50 Resp: 2016
Ion Ratio Lower Upper
50 100
52 32.8 26.5 39.7

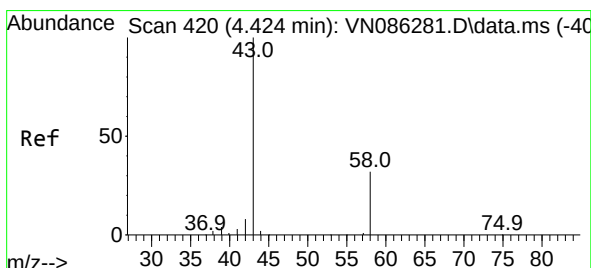
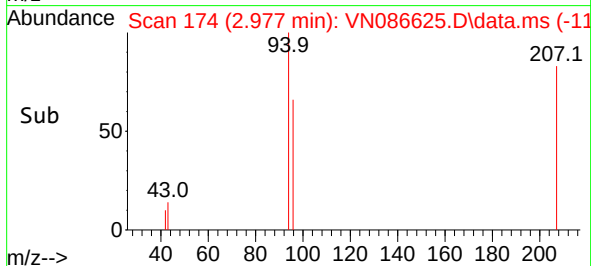
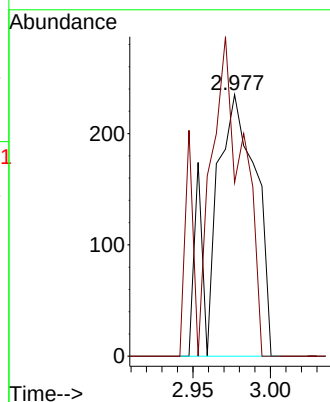
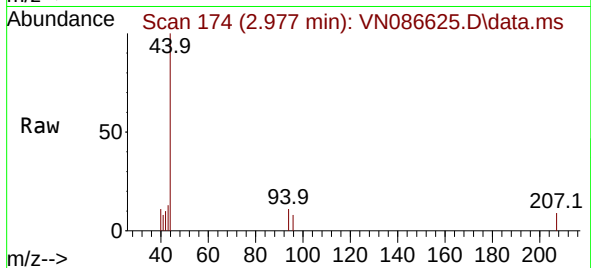




#5
Bromomethane
Concen: 0.343 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

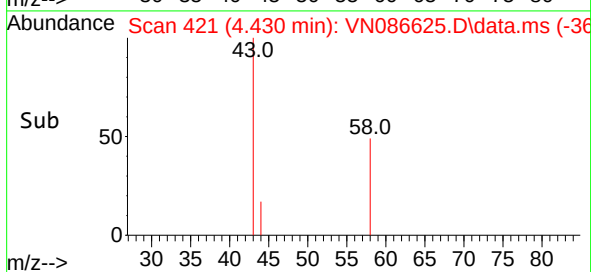
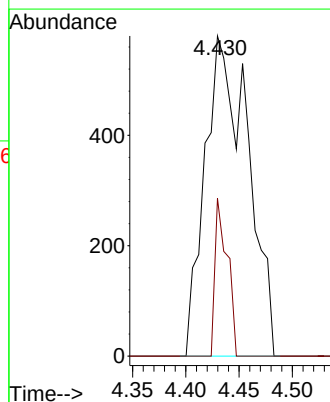
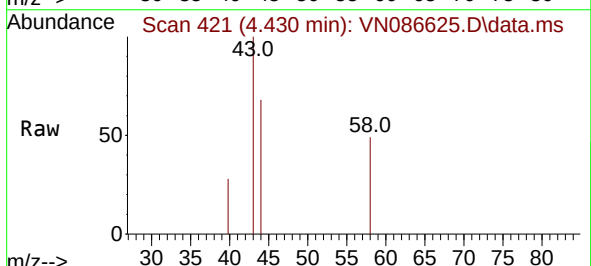
Instrument :
MSVOA_N
ClientSampleId :
IBLK

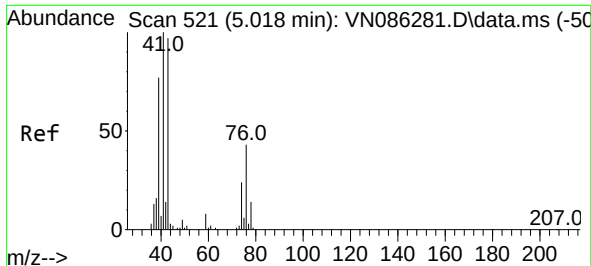
Tgt Ion: 94 Resp: 453
Ion Ratio Lower Upper
94 100
96 66.4 75.2 112.8#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion: 43 Resp: 1626
Ion Ratio Lower Upper
43 100
58 49.3 25.3 37.9#

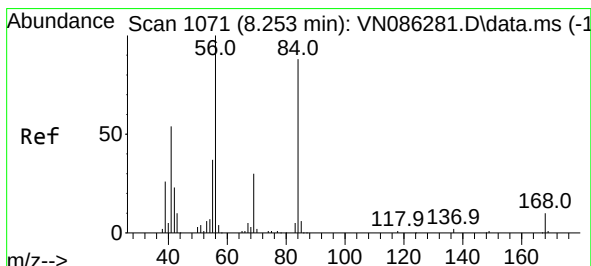
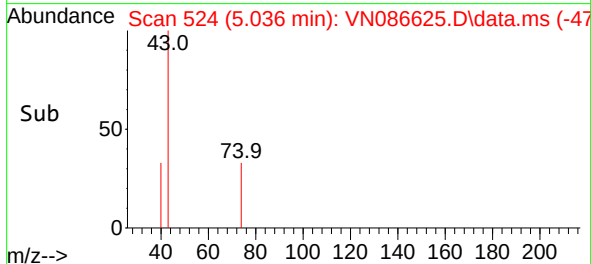
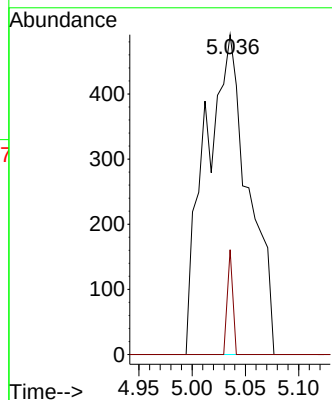
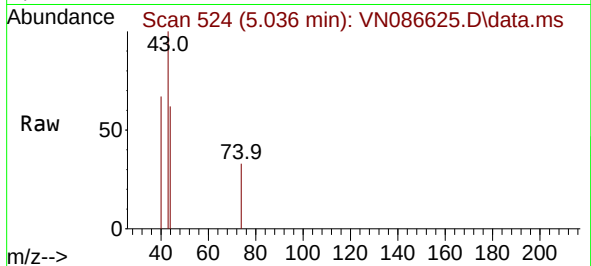




#18
Methyl Acetate
Concen: 0.446 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

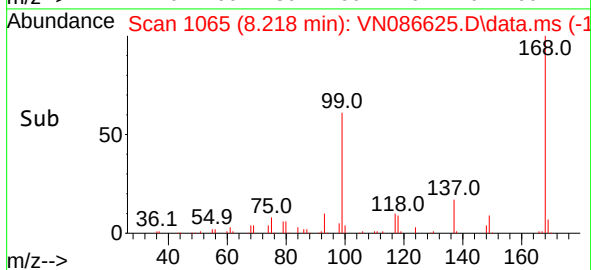
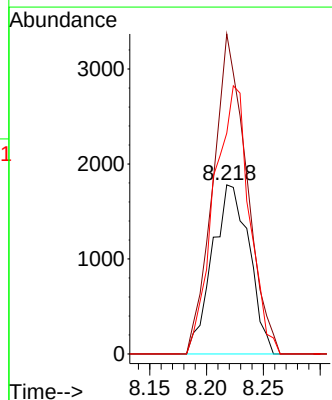
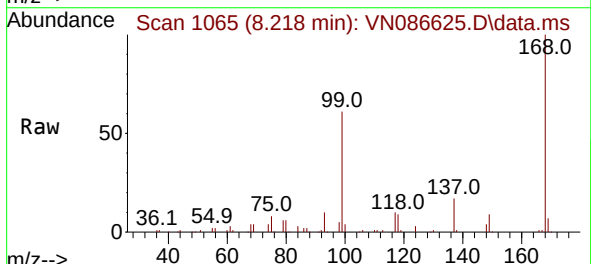
Instrument :
MSVOA_N
ClientSampleId :
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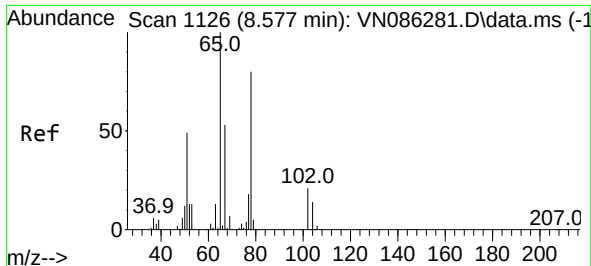
Tgt Ion: 43 Resp: 1385
Ion Ratio Lower Upper
43 100
74 4.1 19.8 29.6#



#31
Cyclohexane
Concen: 0.958 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion: 56 Resp: 4022
Ion Ratio Lower Upper
56 100
69 189.2 24.2 36.2#
84 130.5 70.3 105.5#





#33

1,2-Dichloroethane-d4

Concen: 48.863 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086625.D

Acq: 14 May 2025 14:32

Instrument :

MSVOA_N

ClientSampleId :

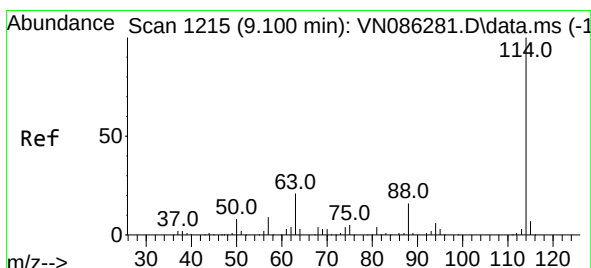
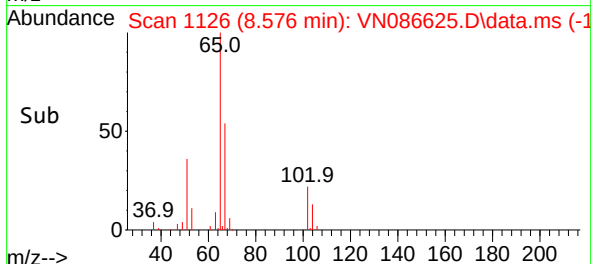
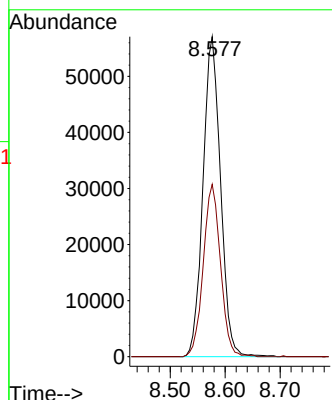
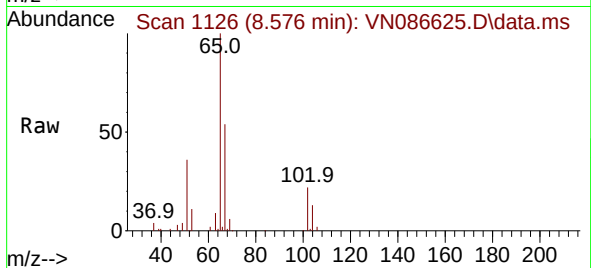
IBLK

Tgt Ion: 65 Resp: 126543

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086625.D

Acq: 14 May 2025 14:32

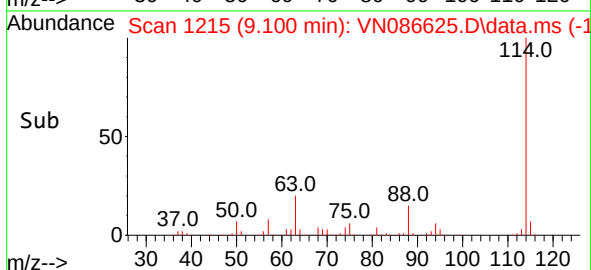
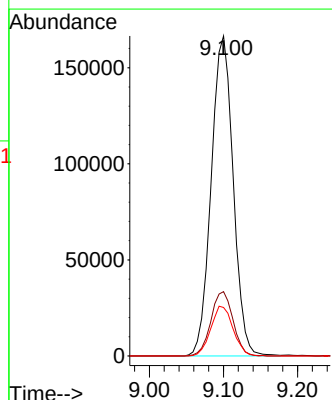
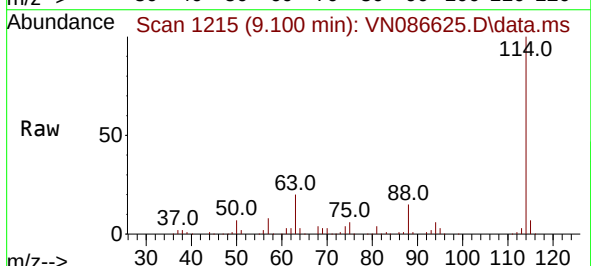
Tgt Ion: 114 Resp: 343175

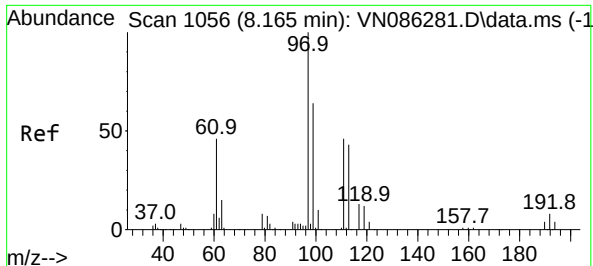
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.2 0.0 31.8

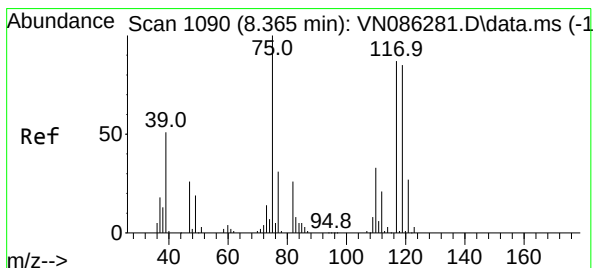
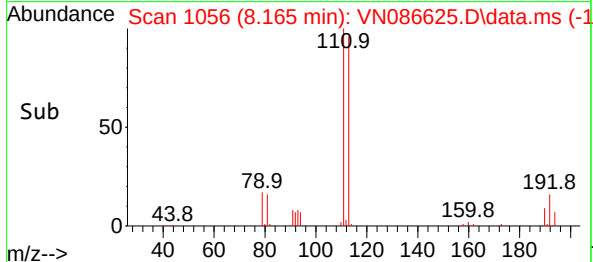
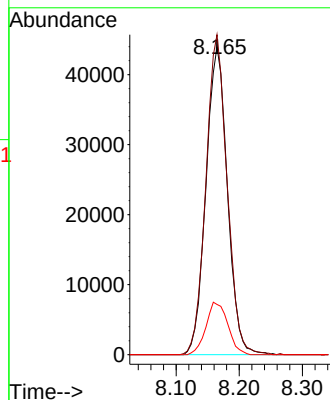
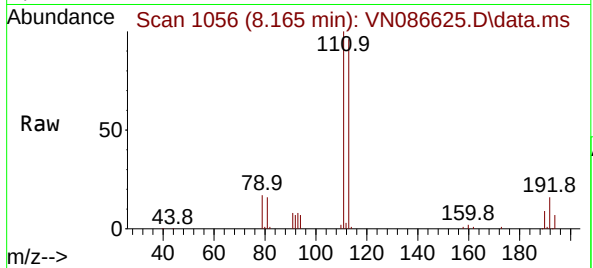




#35
Dibromofluoromethane
Concen: 65.183 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

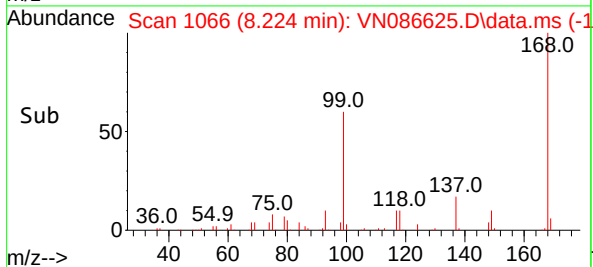
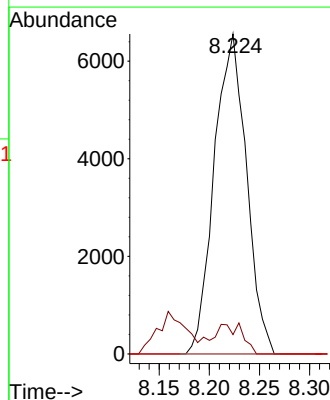
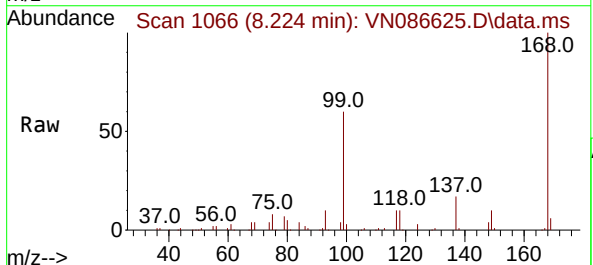
Instrument :
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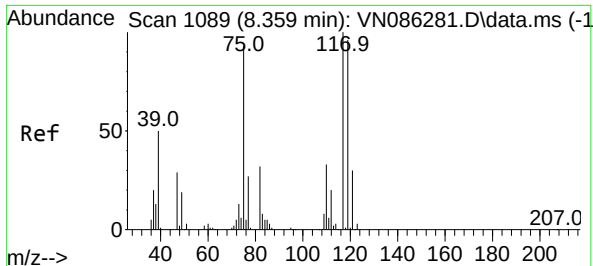
Tgt Ion:113 Resp: 103818
Ion Ratio Lower Upper
113 100
111 102.9 83.4 125.0
192 17.3 13.7 20.5



#36
1,1-Dichloropropene
Concen: 4.596 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion: 75 Resp: 14620
Ion Ratio Lower Upper
75 100
110 7.4 16.8 50.4#
77 0.0 24.9 37.3#

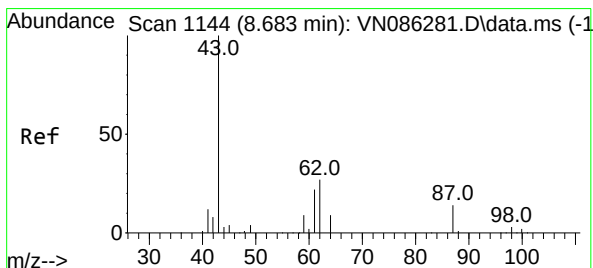
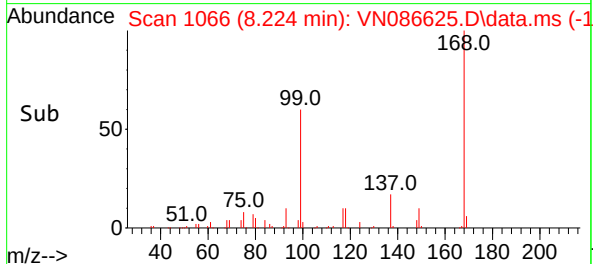
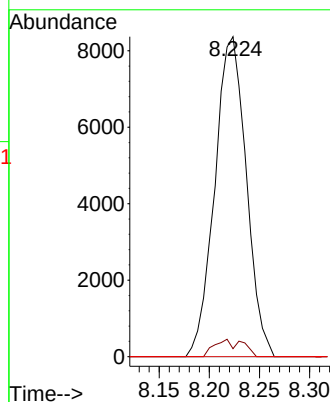
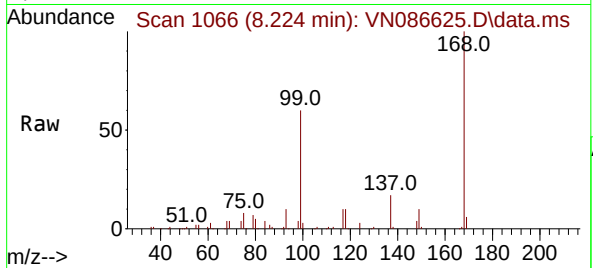




#38
Carbon Tetrachloride
Concen: 6.031 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

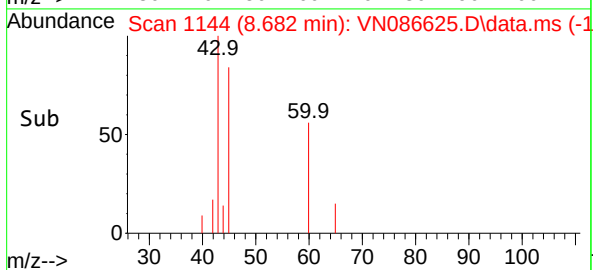
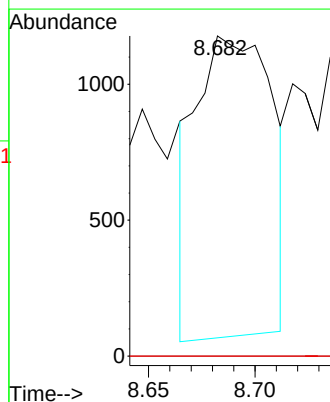
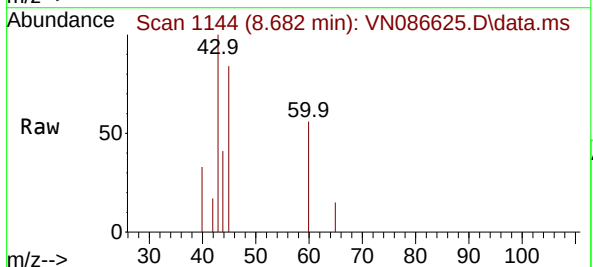
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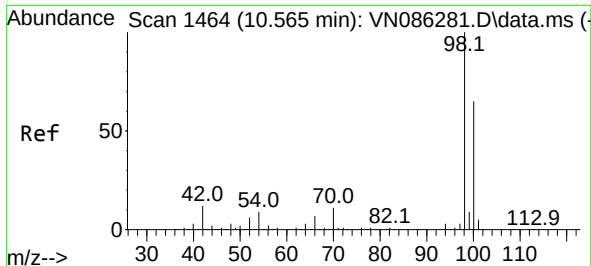
Tgt Ion:117 Resp: 18272
Ion Ratio Lower Upper
117 100
119 2.5 76.8 115.2#
121 0.0 23.8 35.8#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#

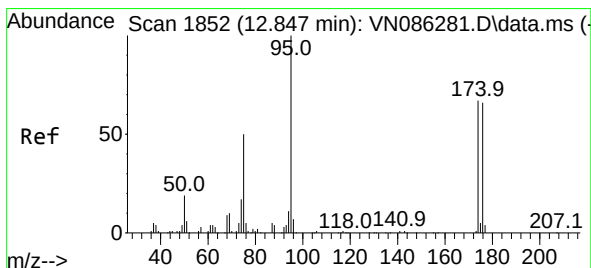
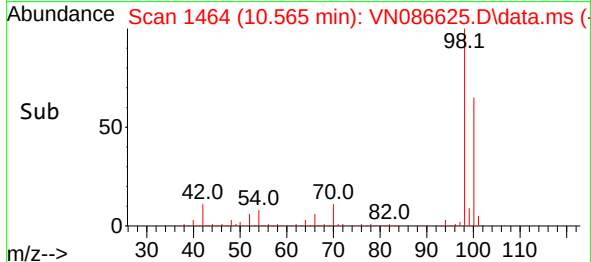
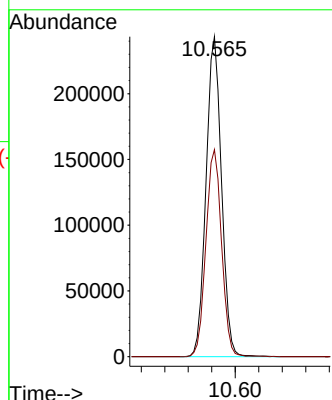
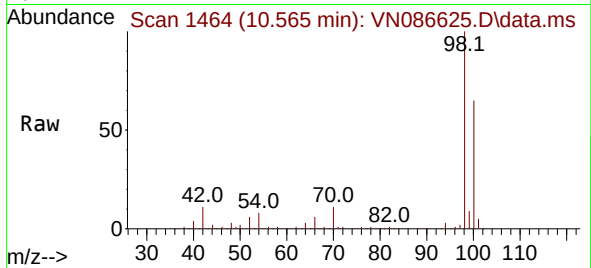




#50
Toluene-d8
Concen: 52.150 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

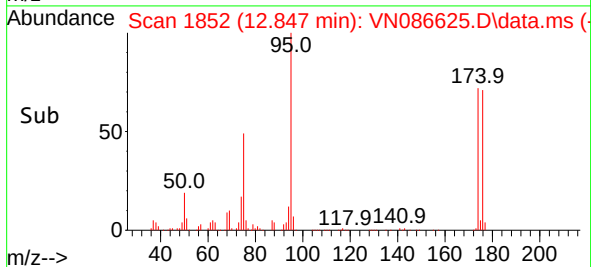
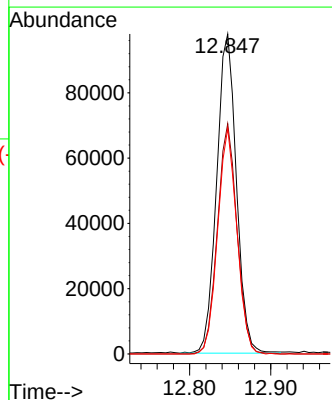
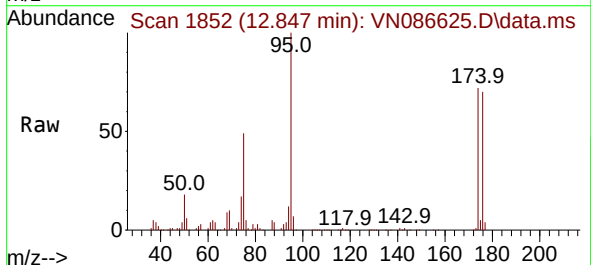
Instrument :
MSVOA_N
ClientSampleId :
IBLK

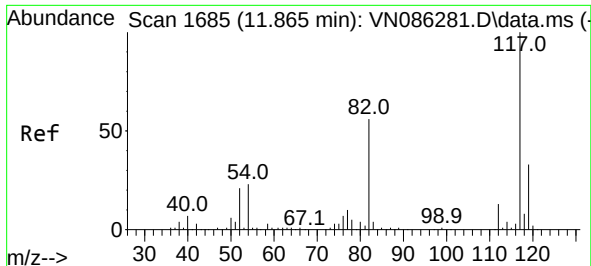
Tgt Ion: 98 Resp: 443915
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 53.306 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion: 95 Resp: 165504
Ion Ratio Lower Upper
95 100
174 71.5 0.0 133.4
176 68.6 0.0 129.2

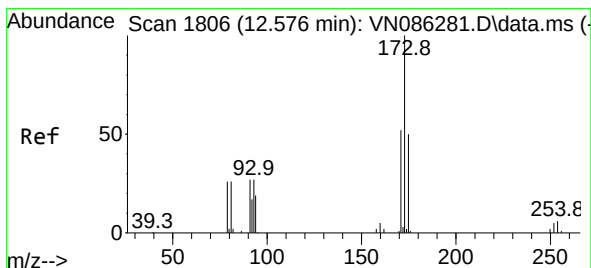
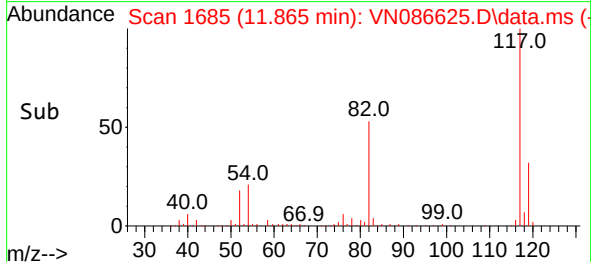
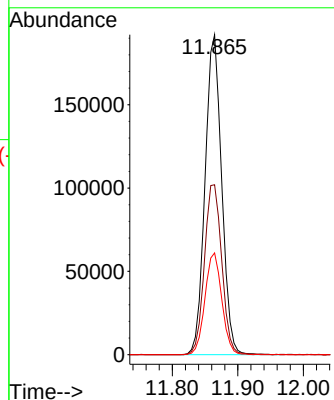
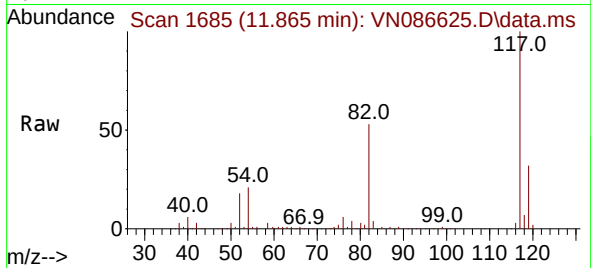




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

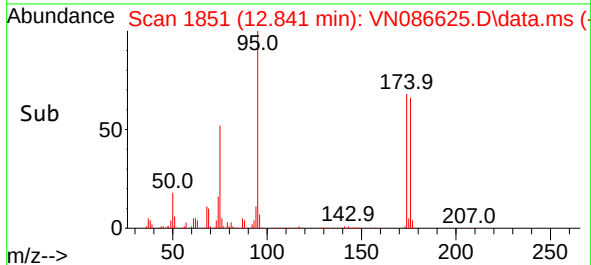
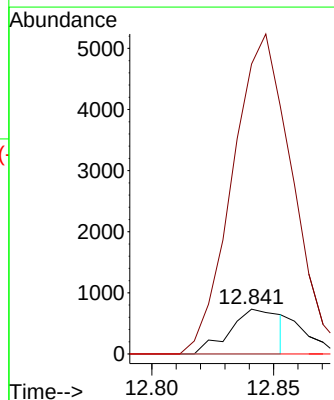
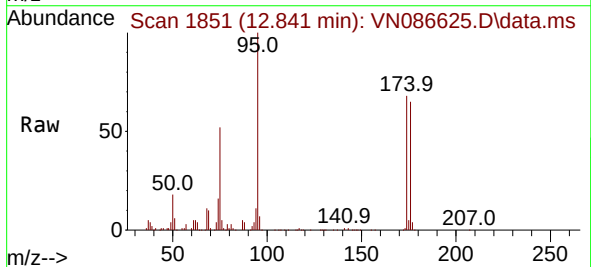
Instrument :
MSVOA_N
ClientSampleId :
IBLK

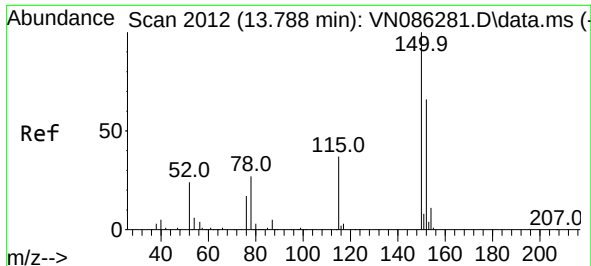
Tgt Ion:117 Resp: 338562
Ion Ratio Lower Upper
117 100
82 53.1 44.7 67.1
119 31.8 26.4 39.6



#71
Bromoform
Concen: 0.569 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Tgt Ion:173 Resp: 1068
Ion Ratio Lower Upper
173 100
175 675.7 24.6 73.6#
254 0.0 0.0 0.0

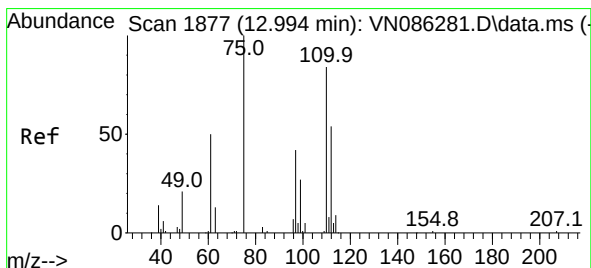
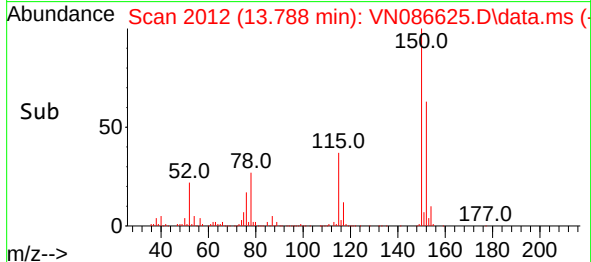
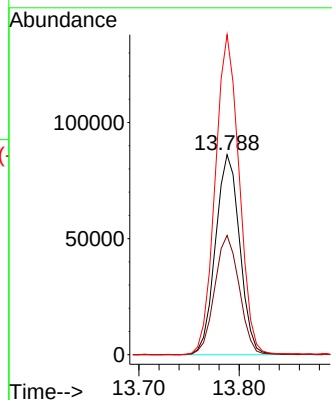
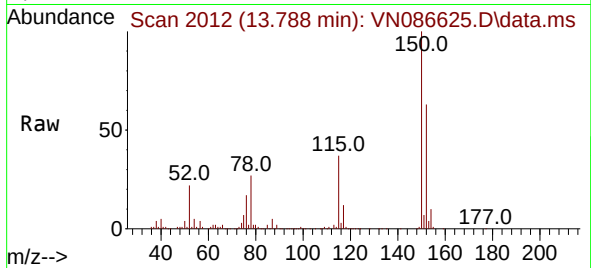




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086625.D
 Acq: 14 May 2025 14:32

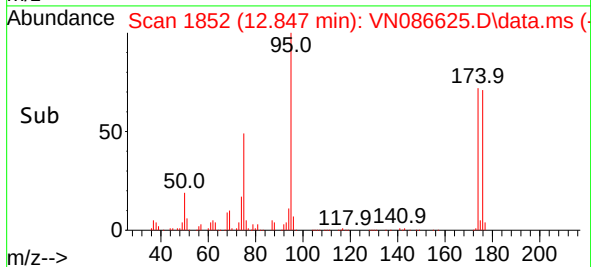
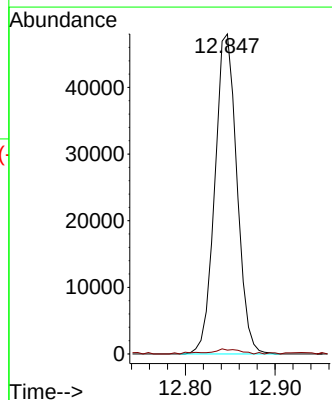
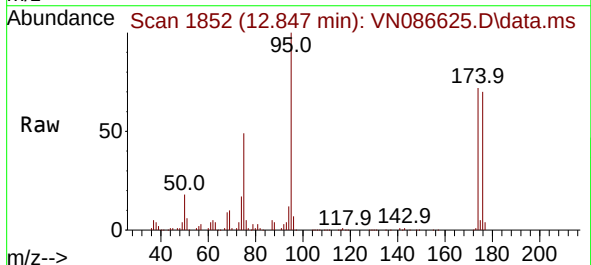
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

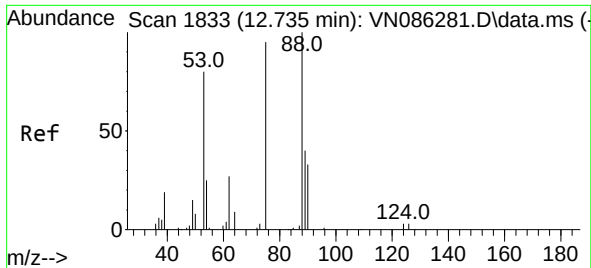
Tgt Ion:152 Resp: 144408
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.9 95.9
 150 158.5 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 24.017 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN086625.D
 Acq: 14 May 2025 14:32

Tgt Ion: 75 Resp: 81847
 Ion Ratio Lower Upper
 75 100
 77 1.7 98.8 296.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 57.681 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN086625.D
Acq: 14 May 2025 14:32

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 81847
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

