

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086301.D
 Acq On : 16 Apr 2025 16:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 17 03:07:58 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)

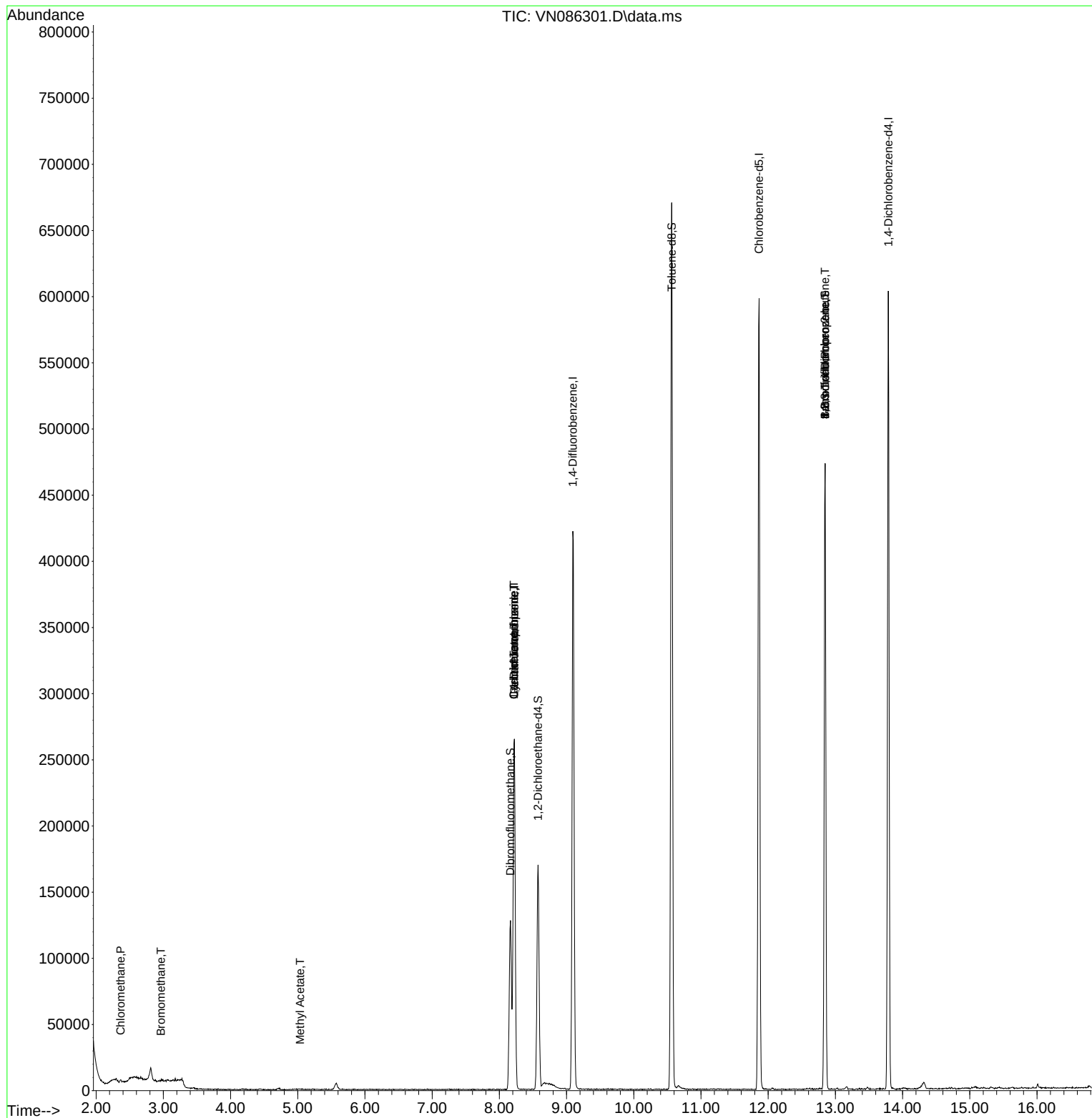
Internal Standards						
1) Pentafluorobenzene	8.224	168	194380	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	369447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	344478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138602	49.173	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.340%			
35) Dibromofluoromethane	8.165	113	94390	55.049	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.100%			
50) Toluene-d8	10.565	98	470129	51.302	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.600%			
62) 4-Bromofluorobenzene	12.847	95	174493	52.205	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.400%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1412	0.422	ug/l	95
5) Bromomethane	2.965	94	427	0.297	ug/l	93
13) Acrolein	4.189	56	273	Below Cal	#	13
16) Acetone	4.442	43	1682	Below Cal	#	43
18) Methyl Acetate	5.036	43	880	0.260	ug/l #	51
31) Cyclohexane	8.218	56	4594	1.006	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	16864	4.924	ug/l #	49
38) Carbon Tetrachloride	8.218	117	20237	6.205	ug/l #	15
43) Isopropyl Acetate	8.671	43	6249	Below Cal	#	55
71) Bromoform	12.847	173	1000	0.524	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	88859	24.095	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	88859	57.868	ug/l #	10

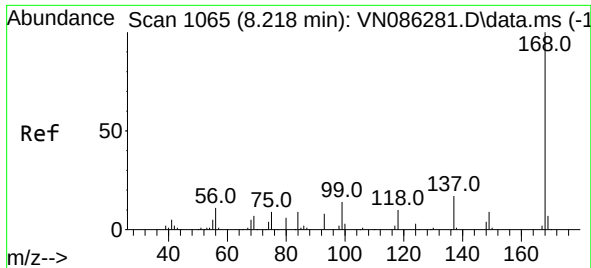
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
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Instrument :
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Quant Time: Apr 17 03:07:58 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

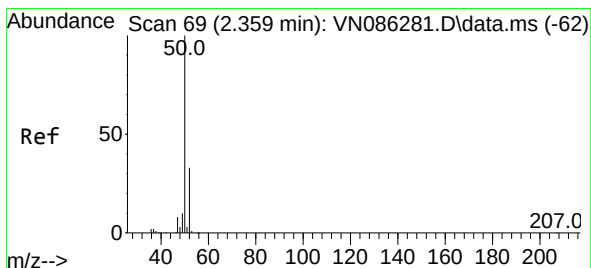
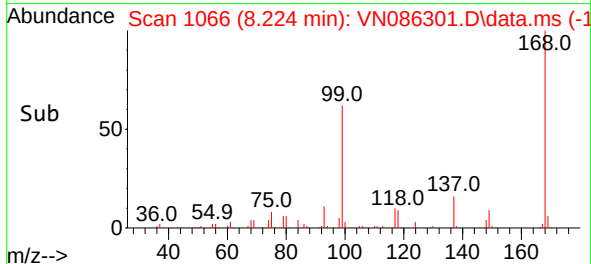
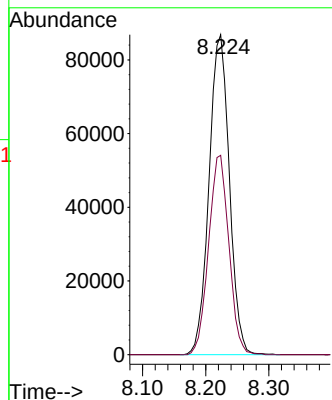
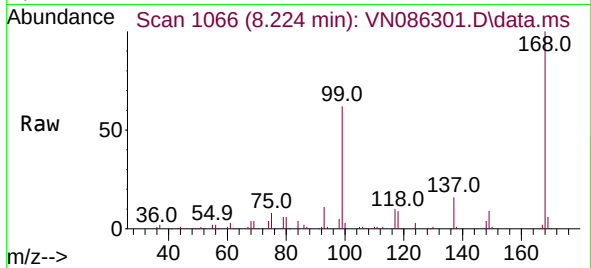




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

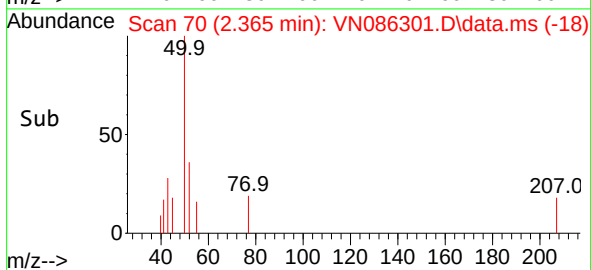
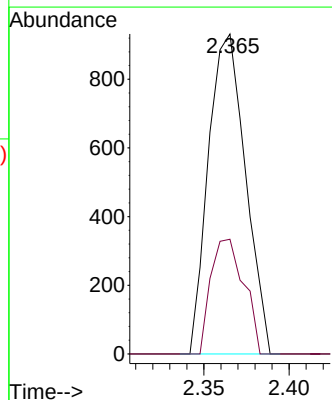
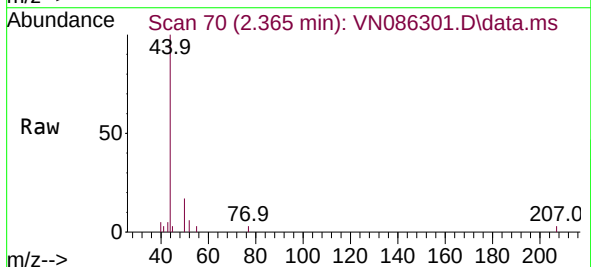
Instrument :
MSVOA_N
ClientSampleId :
IBLK

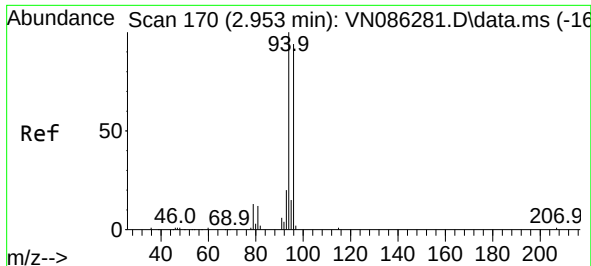
Tgt Ion:168 Resp: 194380
Ion Ratio Lower Upper
168 100
99 62.3 52.5 78.7



#3
Chloromethane
Concen: 0.422 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Tgt Ion: 50 Resp: 1412
Ion Ratio Lower Upper
50 100
52 35.8 26.5 39.7

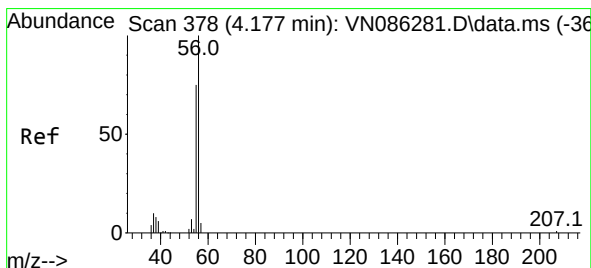
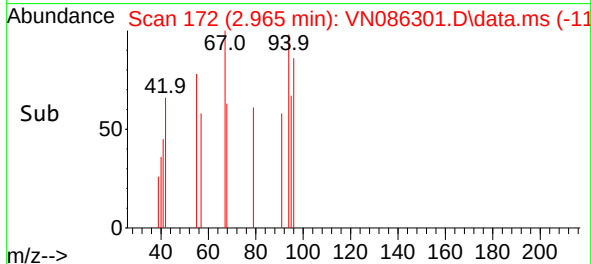
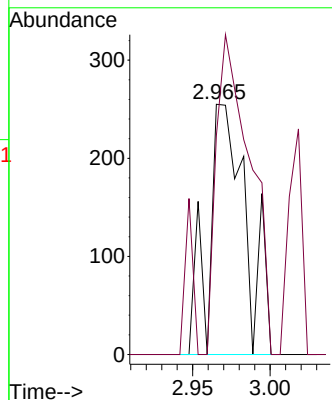
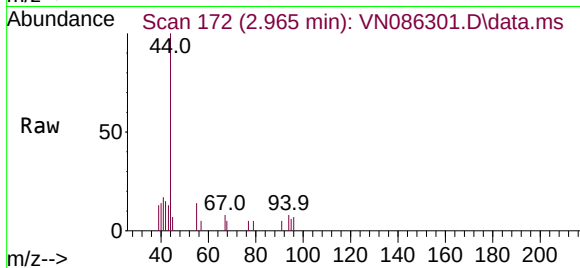




#5
Bromomethane
Concen: 0.297 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

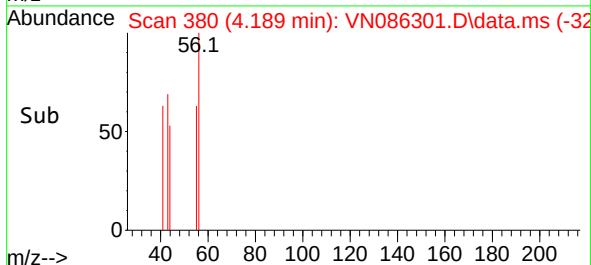
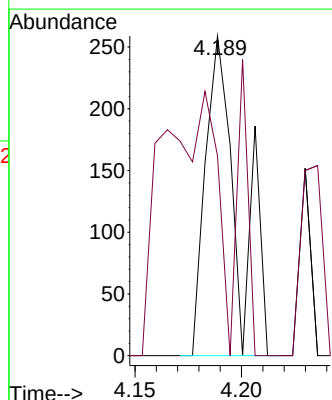
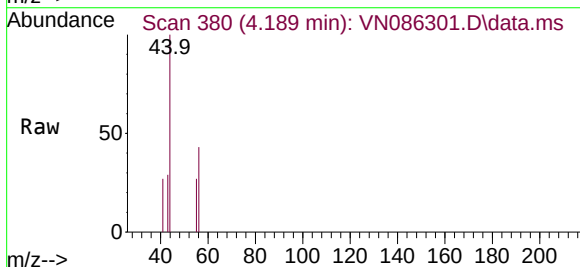
Instrument :
MSVOA_N
ClientSampleId :
IBLK

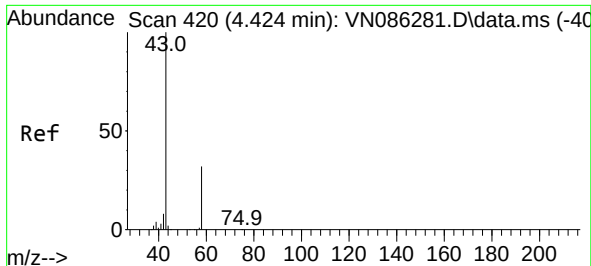
Tgt Ion: 94 Resp: 427
Ion Ratio Lower Upper
94 100
96 87.5 75.2 112.8



#13
Acrolein
Concen: Below Cal
RT: 4.189 min Scan# 380
Delta R.T. 0.012 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Tgt Ion: 56 Resp: 273
Ion Ratio Lower Upper
56 100
55 0.0 58.5 87.7#

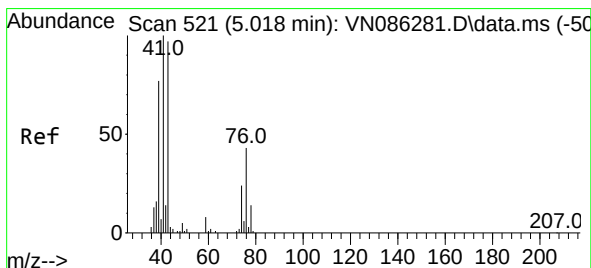
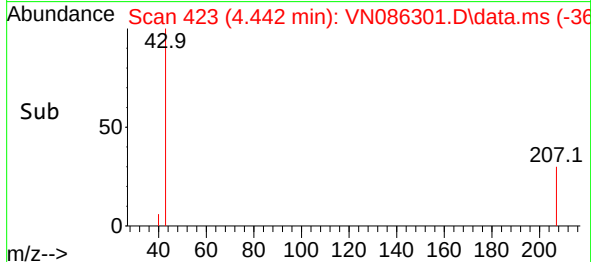
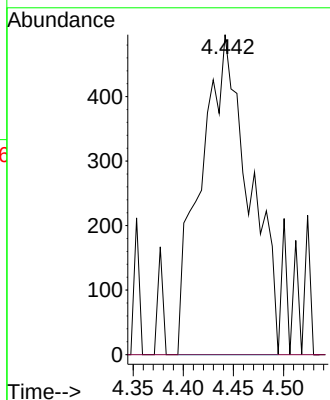
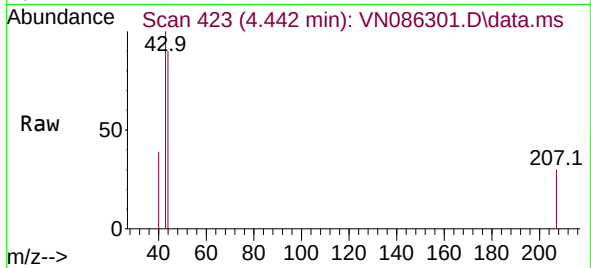




#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

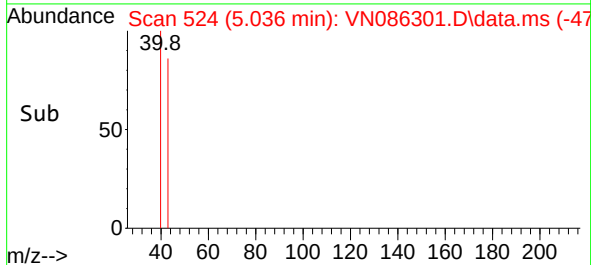
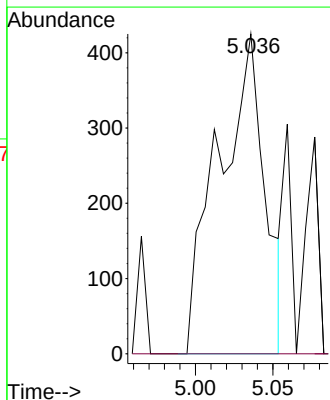
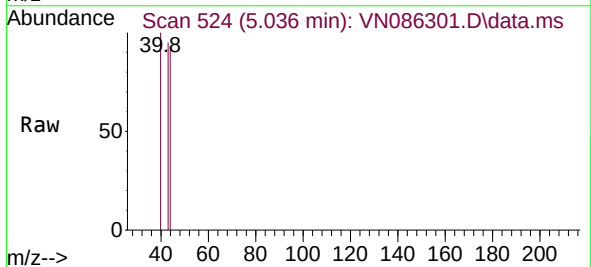
Instrument :
MSVOA_N
ClientSampleId :
IBLK

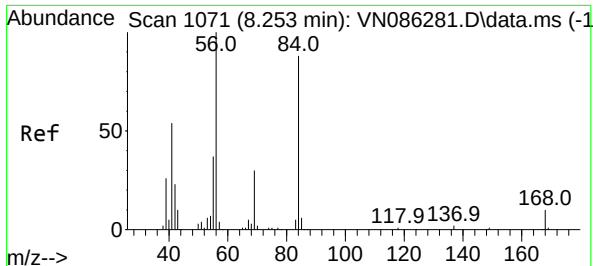
Tgt Ion: 43 Resp: 1682
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#



#18
Methyl Acetate
Concen: 0.260 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#

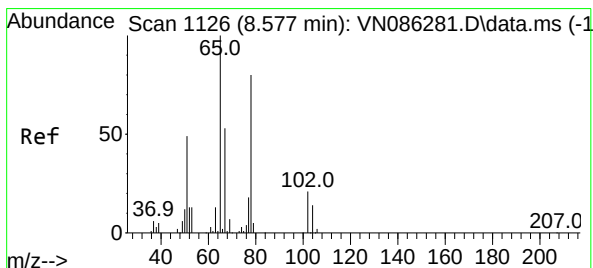
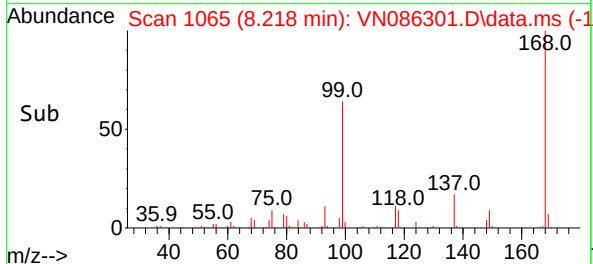
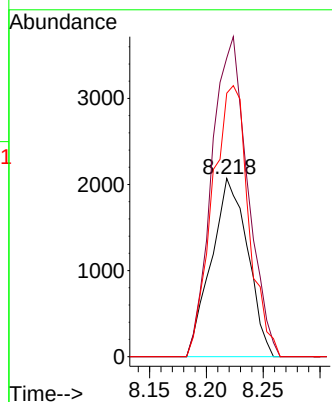
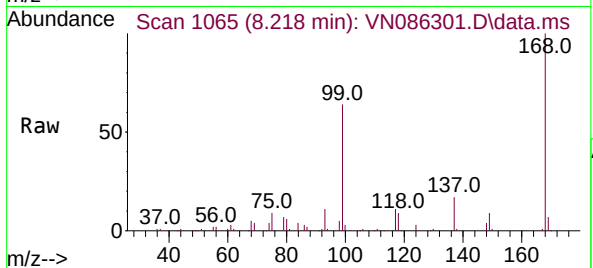




#31
Cyclohexane
Concen: 1.006 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

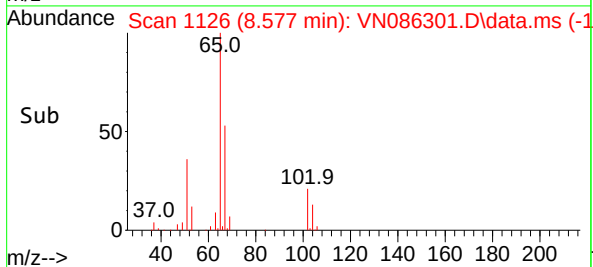
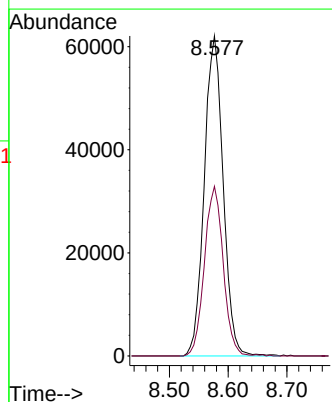
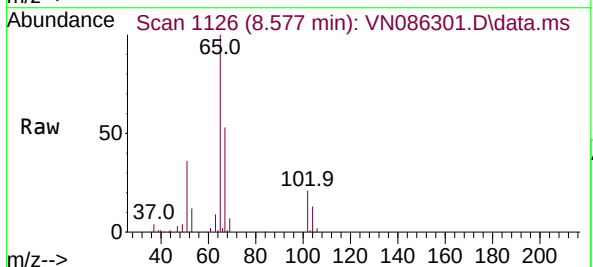
Instrument :
MSVOA_N
ClientSampleId :
IBLK

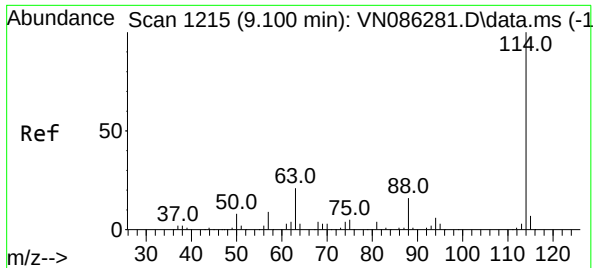
Tgt Ion: 56 Resp: 4594
Ion Ratio Lower Upper
56 100
69 167.6 24.2 36.2#
84 147.8 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 49.173 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Tgt Ion: 65 Resp: 138602
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0

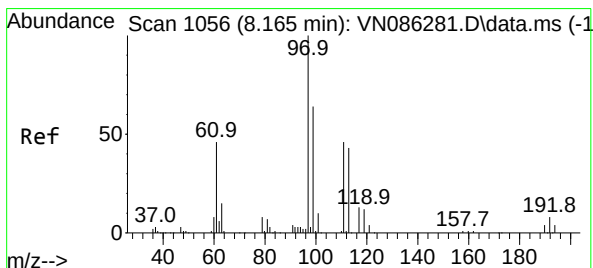
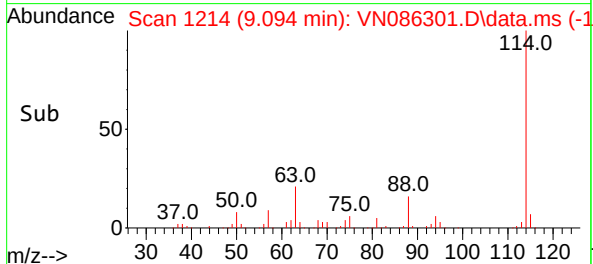
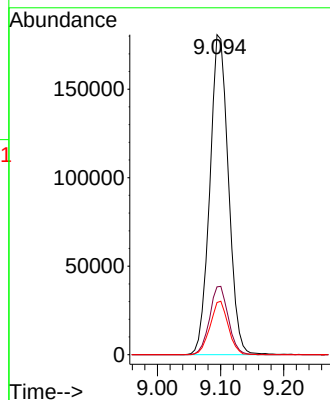
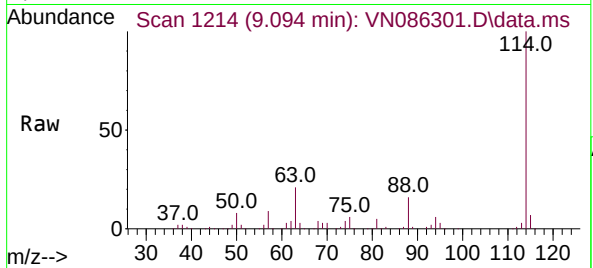




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

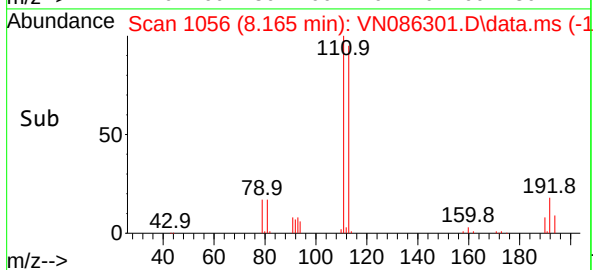
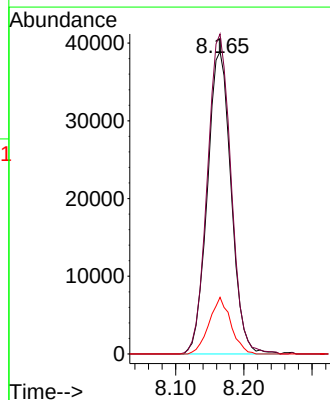
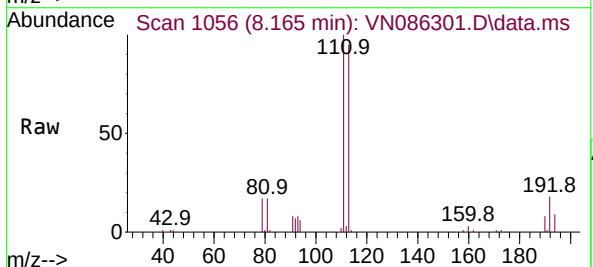
Instrument :
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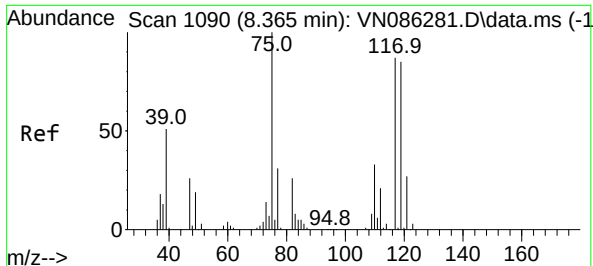
Tgt Ion:114 Resp: 369447
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.6
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.049 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Tgt Ion:113 Resp: 94390
Ion Ratio Lower Upper
113 100
111 105.7 83.4 125.0
192 17.2 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.924 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN086301.D

Acq: 16 Apr 2025 16:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

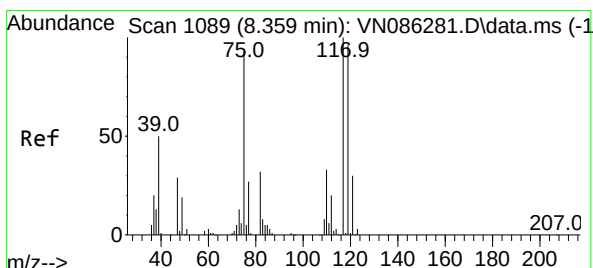
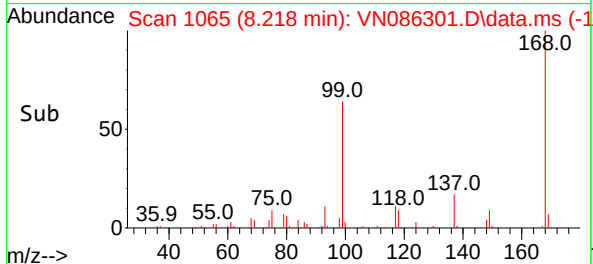
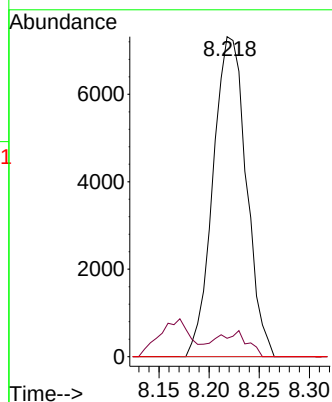
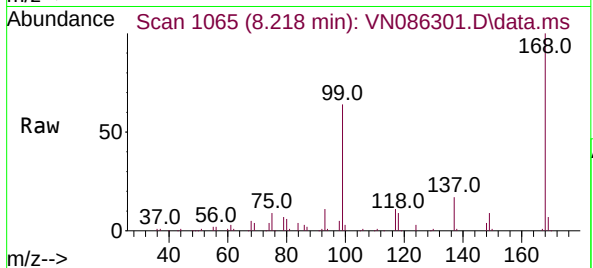
Tgt Ion: 75 Resp: 16864

Ion Ratio Lower Upper

75 100

110 7.4 16.8 50.4#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.205 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN086301.D

Acq: 16 Apr 2025 16:51

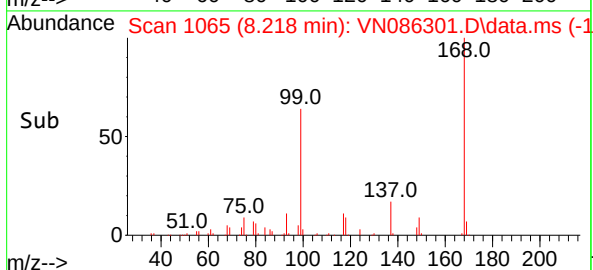
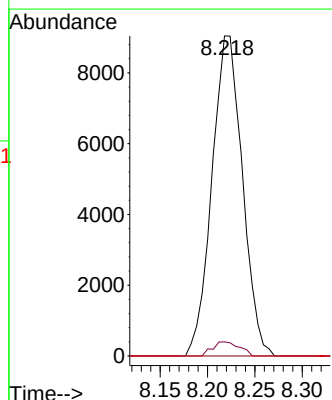
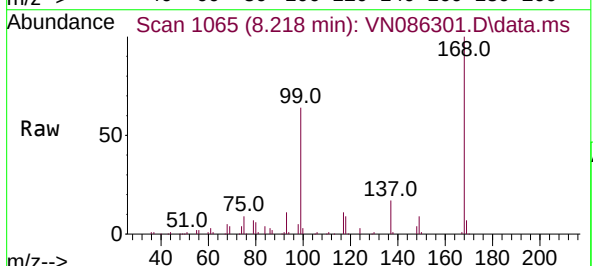
Tgt Ion: 117 Resp: 20237

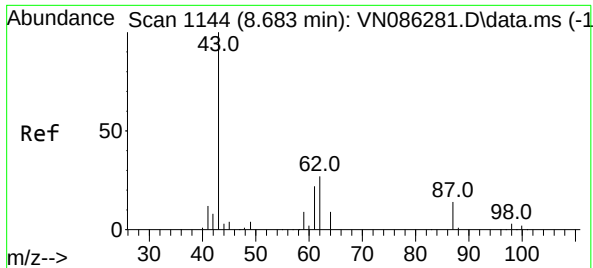
Ion Ratio Lower Upper

117 100

119 4.4 76.8 115.2#

121 0.0 23.8 35.8#

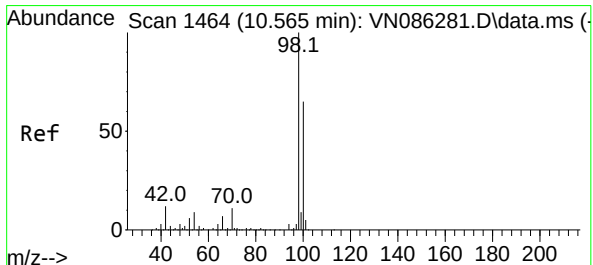
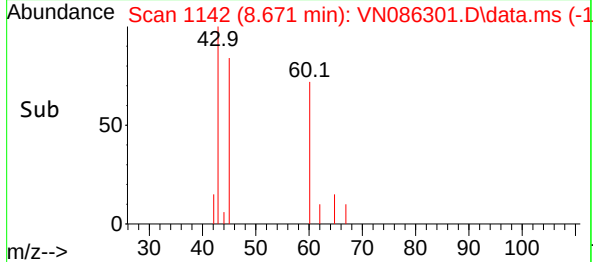
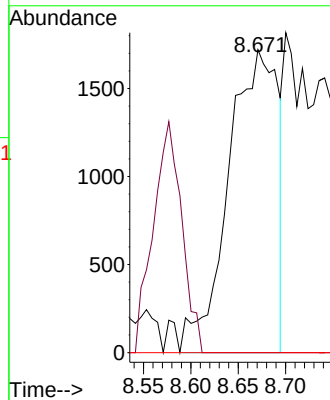
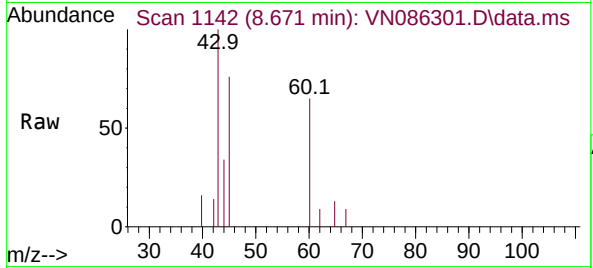




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.671 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

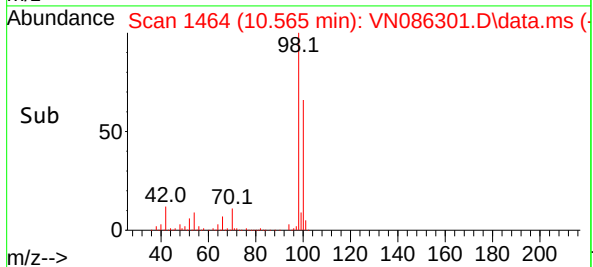
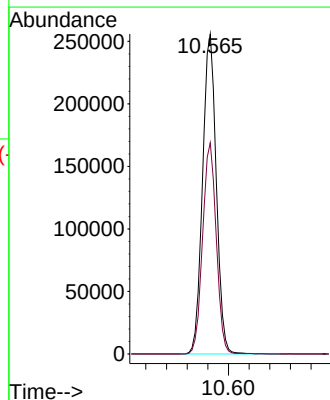
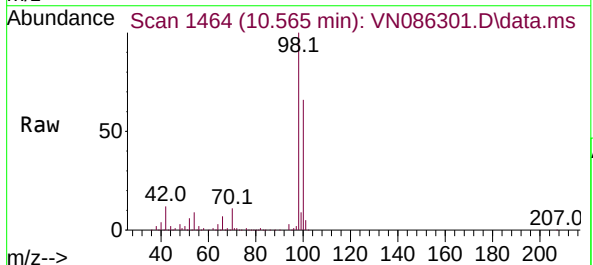
Instrument :
MSVOA_N
ClientSampleId :
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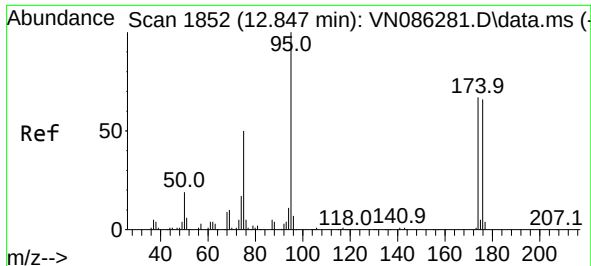
Tgt Ion: 43 Resp: 6249
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#



#50
Toluene-d8
Concen: 51.302 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Tgt Ion: 98 Resp: 470129
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

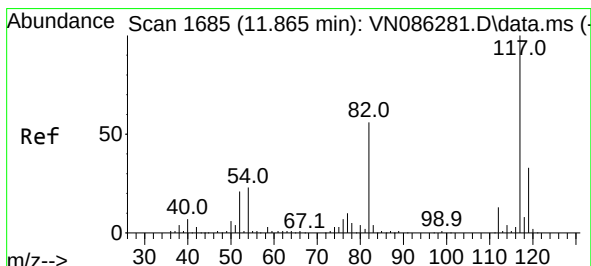
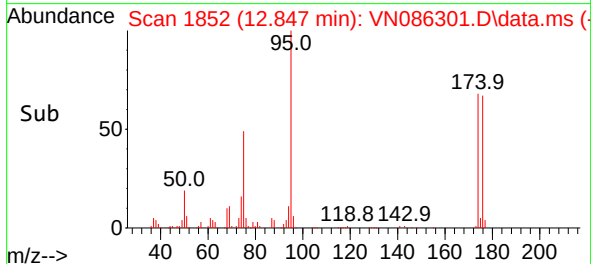
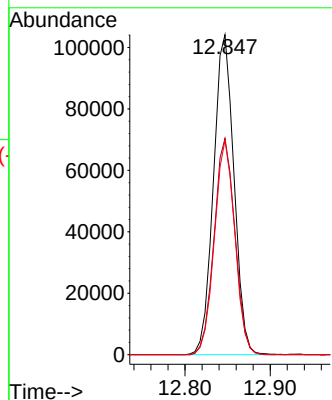
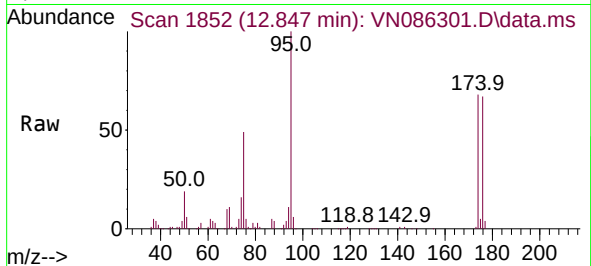




#62
4-Bromofluorobenzene
Concen: 52.205 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

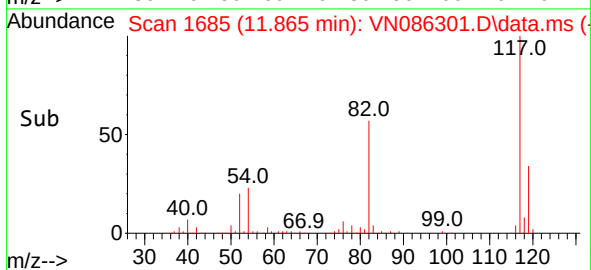
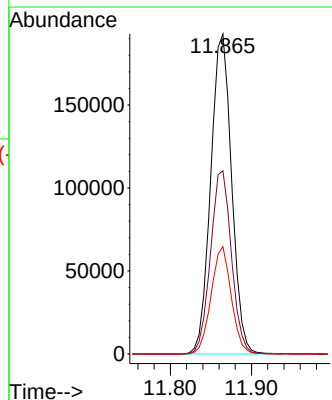
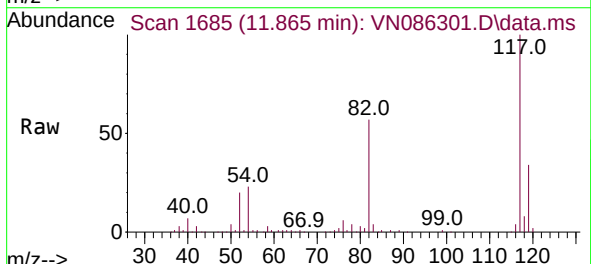
Instrument :
MSVOA_N
ClientSampleId :
IBLK

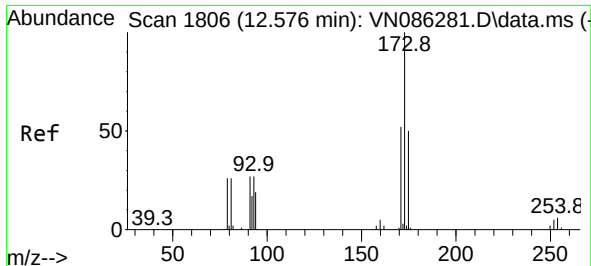
Tgt Ion: 95 Resp: 174493
Ion Ratio Lower Upper
95 100
174 68.9 0.0 133.4
176 66.4 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Tgt Ion: 117 Resp: 344478
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 33.6 26.4 39.6

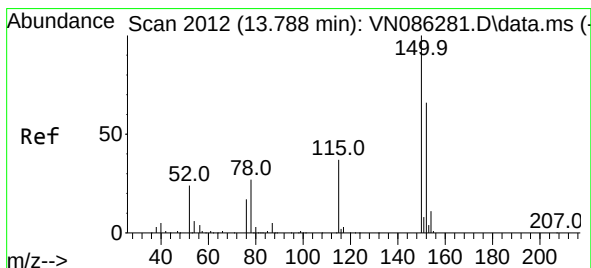
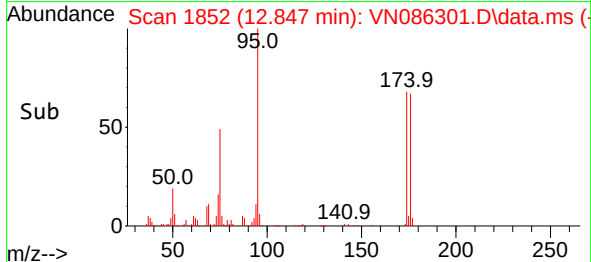
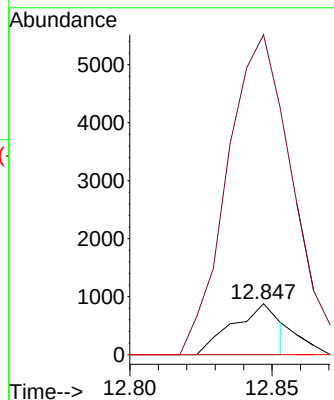
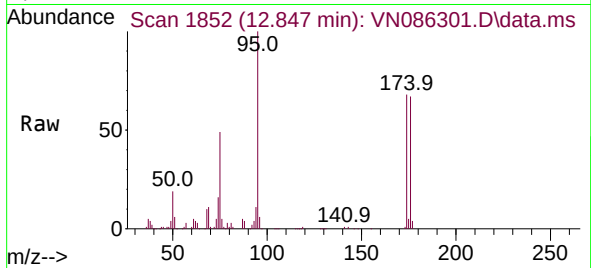




#71
Bromoform
Concen: 0.524 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

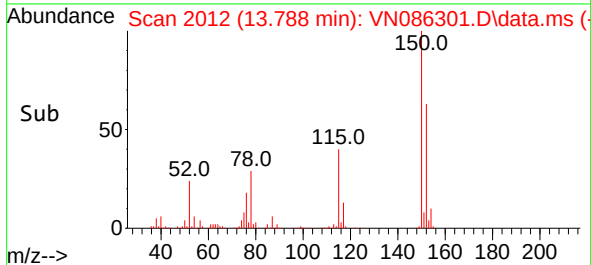
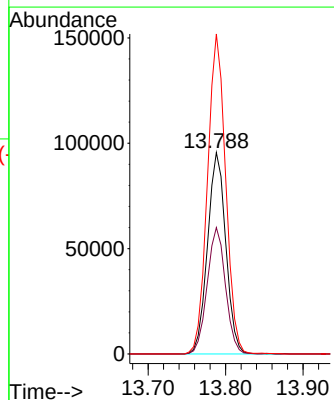
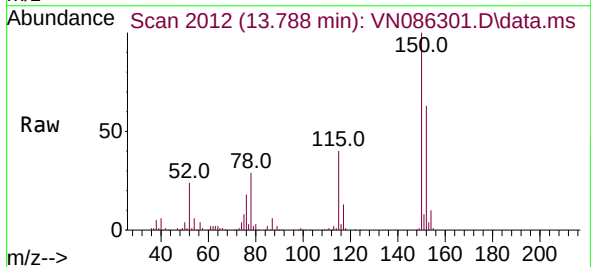
Instrument :
MSVOA_N
ClientSampleId :
IBLK

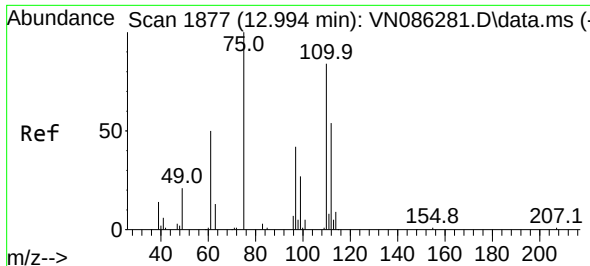
Tgt Ion:173 Resp: 1000
Ion Ratio Lower Upper
173 100
175 723.4 24.6 73.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Tgt Ion:152 Resp: 156273
Ion Ratio Lower Upper
152 100
115 62.7 31.9 95.9
150 158.0 0.0 352.0

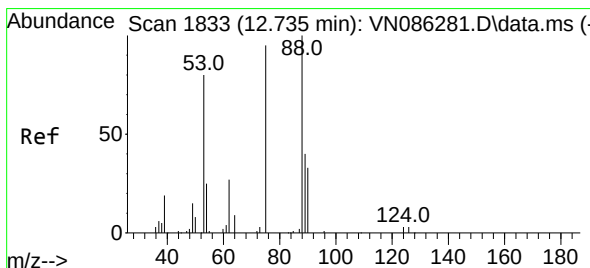
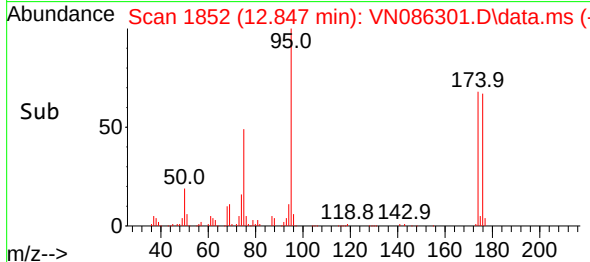
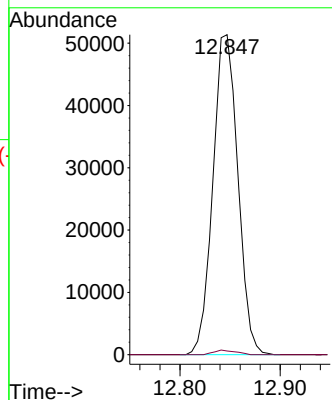
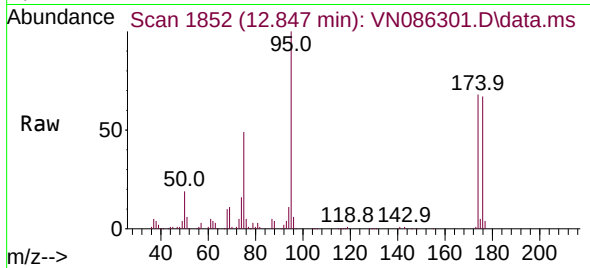




#76
1,2,3-Trichloropropane
Concen: 24.095 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 88859
Ion Ratio Lower Upper
75 100
77 1.2 98.8 296.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.868 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086301.D
Acq: 16 Apr 2025 16:51

Tgt Ion: 75 Resp: 88859
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

