

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086931.D
 Acq On : 10 Jun 2025 16:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:57:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

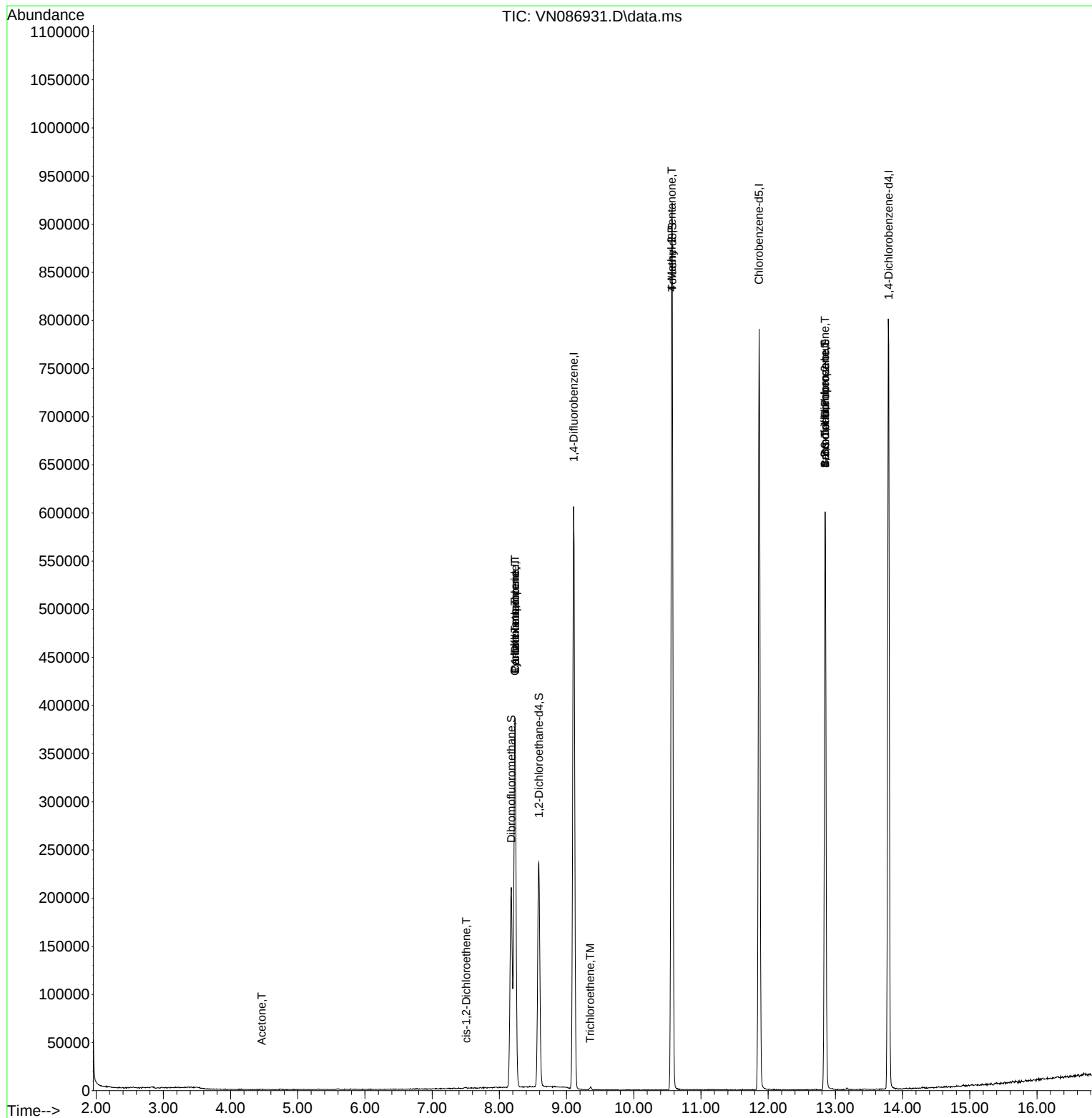
Internal Standards						
1) Pentafluorobenzene	8.235	168	304990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	557972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	492692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	236635	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	193504	47.387	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.780%		
35) Dibromofluoromethane	8.177	113	161944	48.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.940%		
50) Toluene-d8	10.570	98	680287	51.969	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.940%		
62) 4-Bromofluorobenzene	12.847	95	240949	49.543	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.080%		
Target Compounds						
					Qvalue	
16) Acetone	4.465	43	817	0.377	ug/l #	40
27) cis-1,2-Dichloroethene	7.506	96	1607	0.356	ug/l	16
31) Cyclohexane	8.229	56	5525	0.834	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	23840	4.838	ug/l #	49
38) Carbon Tetrachloride	8.235	117	29799	6.160	ug/l #	17
44) Trichloroethene	9.353	130	1106	0.289	ug/l	88
51) 4-Methyl-2-Pentanone	10.565	43	2287	0.377	ug/l #	1
71) Bromoform	12.847	173	1243	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	112088	19.927	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	112088	45.871	ug/l #	16

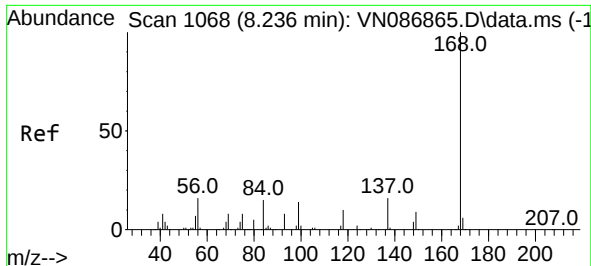
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
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MSVOA_N
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IBLK

Quant Time: Jun 11 01:57:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

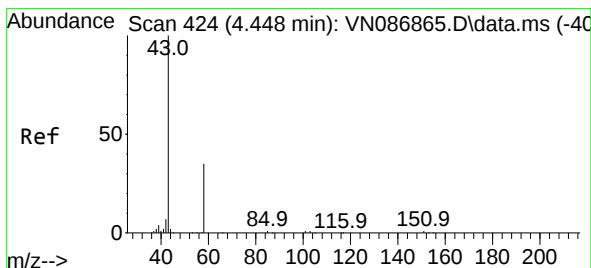
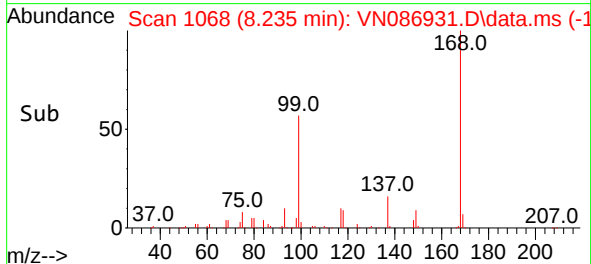
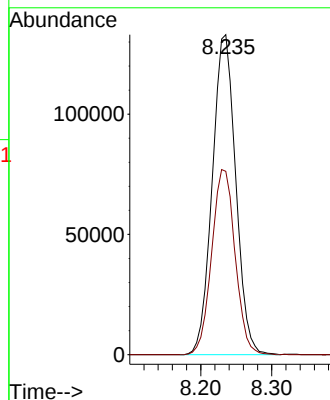
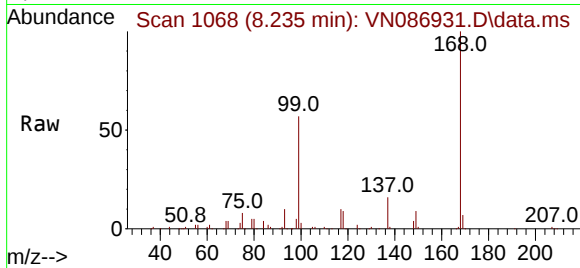




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

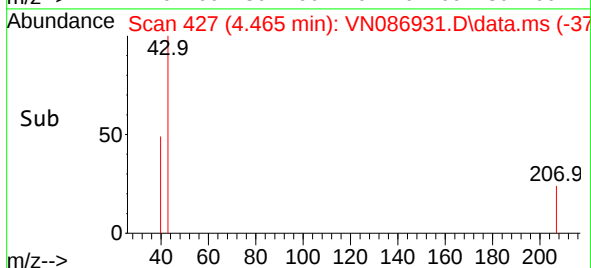
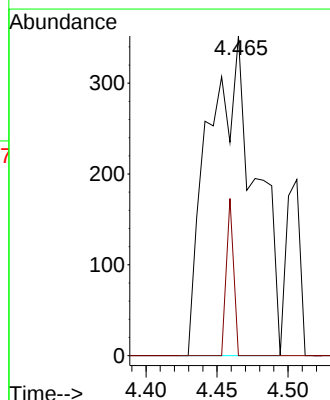
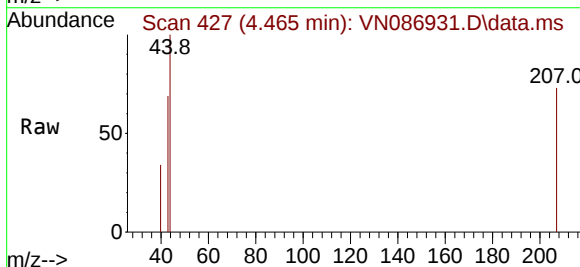
Instrument :
MSVOA_N
ClientSampleId :
IBLK

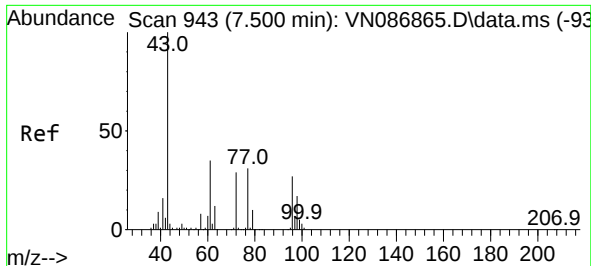
Tgt Ion:168 Resp: 304990
Ion Ratio Lower Upper
168 100
99 57.3 49.1 73.7



#16
Acetone
Concen: 0.377 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.017 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#

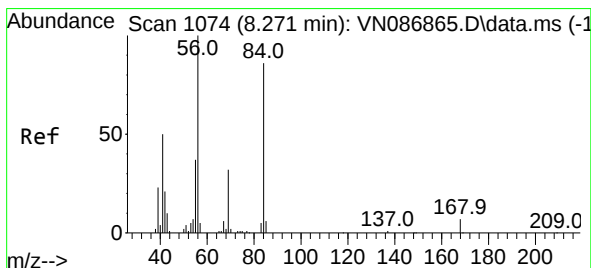
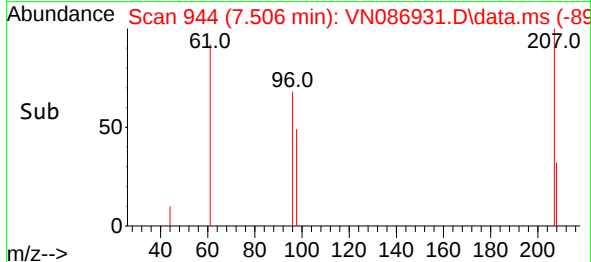
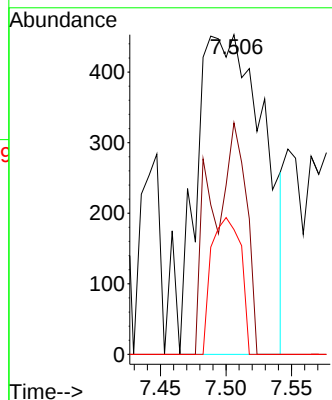
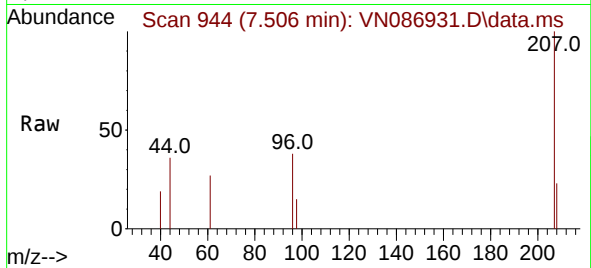




#27
 cis-1,2-Dichloroethene
 Concen: 0.356 ug/l
 RT: 7.506 min Scan# 94
 Delta R.T. 0.006 min
 Lab File: VN086931.D
 Acq: 10 Jun 2025 16:05

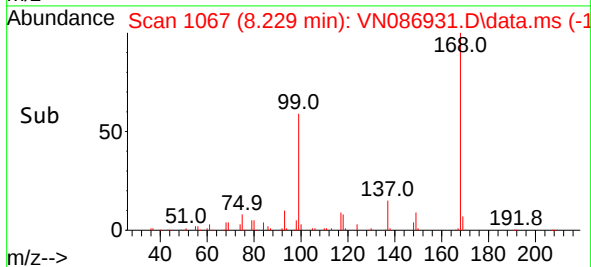
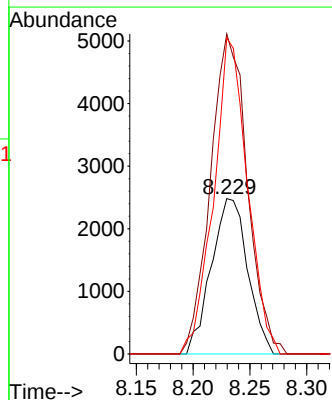
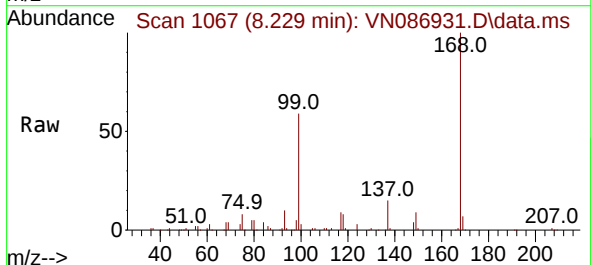
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

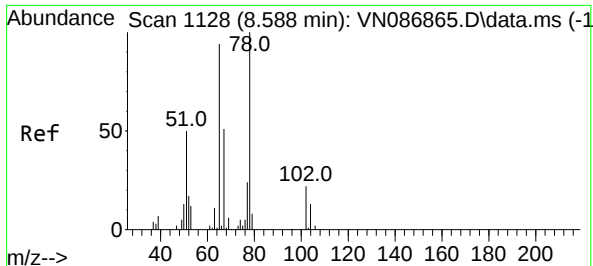
Tgt Ion: 96 Resp: 1607
 Ion Ratio Lower Upper
 96 100
 61 22.7 0.0 278.0
 98 18.8 0.0 128.2



#31
 Cyclohexane
 Concen: 0.834 ug/l
 RT: 8.229 min Scan# 1067
 Delta R.T. -0.041 min
 Lab File: VN086931.D
 Acq: 10 Jun 2025 16:05

Tgt Ion: 56 Resp: 5525
 Ion Ratio Lower Upper
 56 100
 69 206.0 25.4 38.0#
 84 203.5 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.387 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086931.D

Acq: 10 Jun 2025 16:05

Instrument :

MSVOA_N

ClientSampleId :

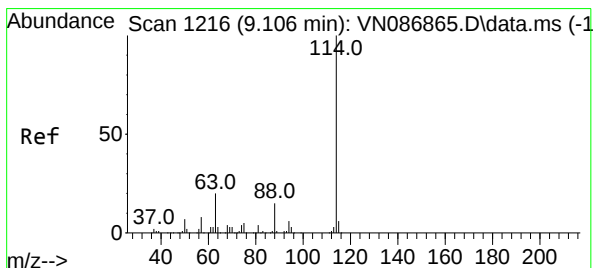
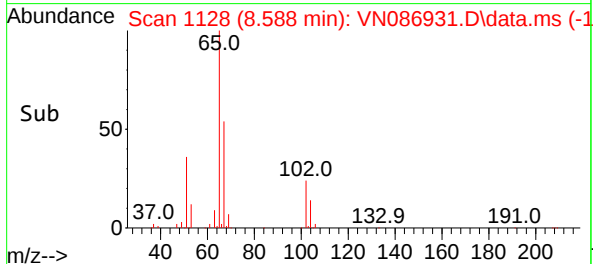
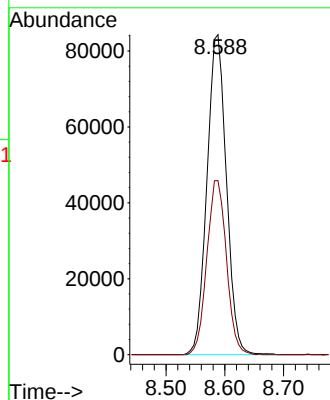
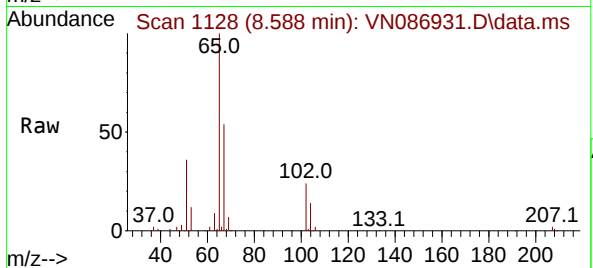
IBLK

Tgt Ion: 65 Resp: 193504

Ion Ratio Lower Upper

65 100

67 54.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086931.D

Acq: 10 Jun 2025 16:05

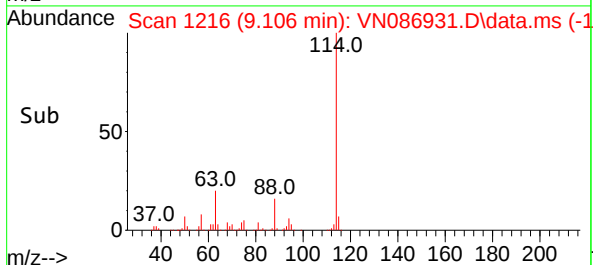
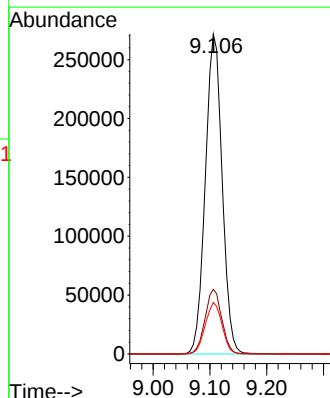
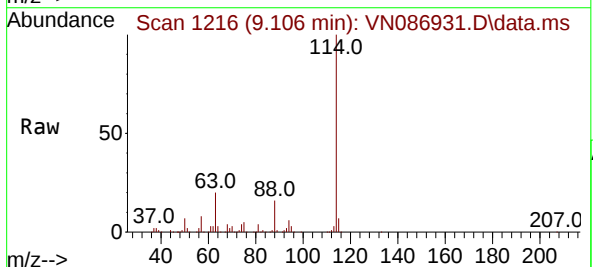
Tgt Ion: 114 Resp: 557972

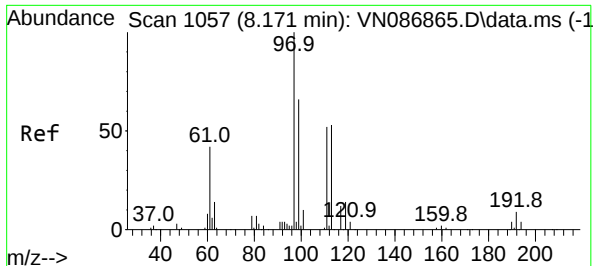
Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

88 16.1 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.975 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086931.D

Acq: 10 Jun 2025 16:05

Instrument :

MSVOA_N

ClientSampleId :

IBLK

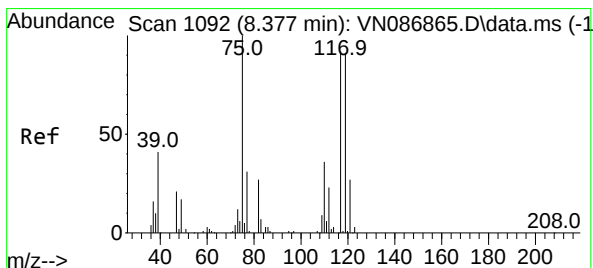
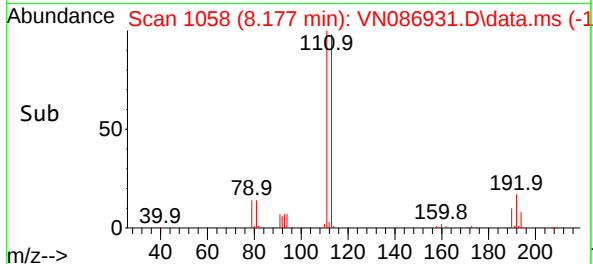
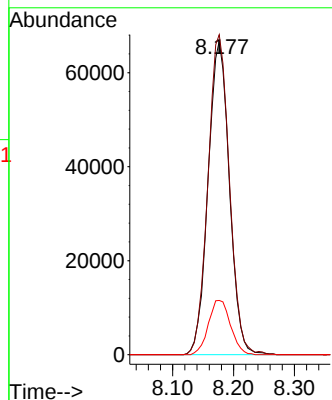
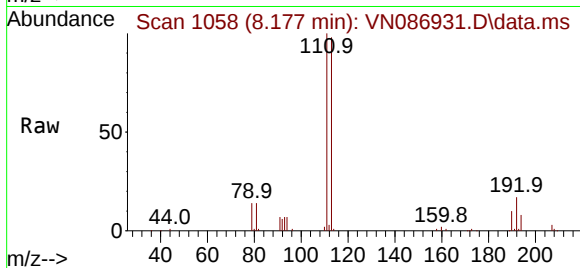
Tgt Ion:113 Resp: 161944

Ion Ratio Lower Upper

113 100

111 103.0 84.2 126.2

192 18.0 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.838 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VN086931.D

Acq: 10 Jun 2025 16:05

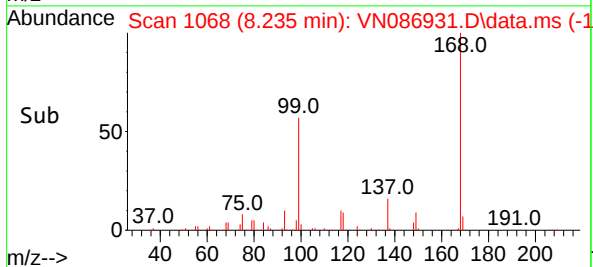
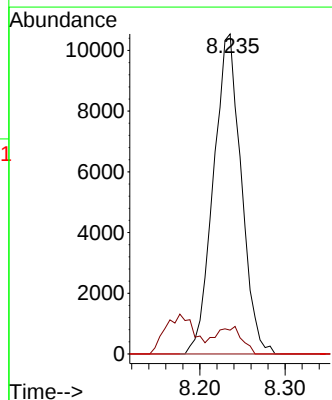
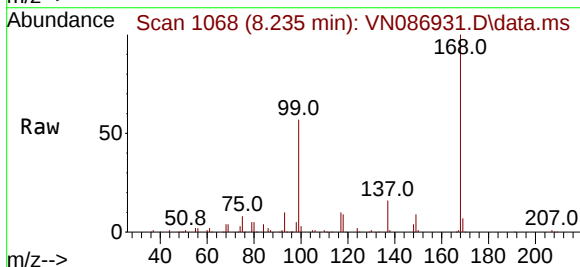
Tgt Ion: 75 Resp: 23840

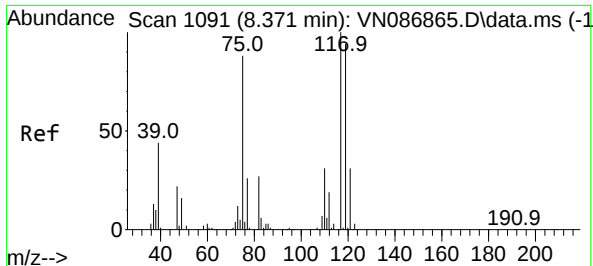
Ion Ratio Lower Upper

75 100

110 8.2 17.6 52.9#

77 0.0 25.3 37.9#

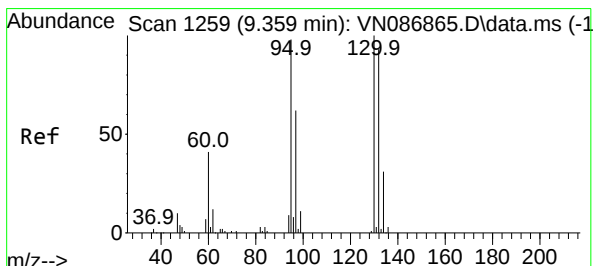
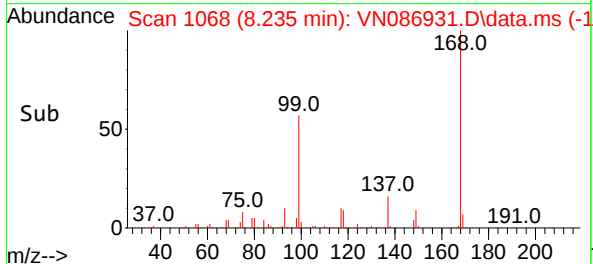
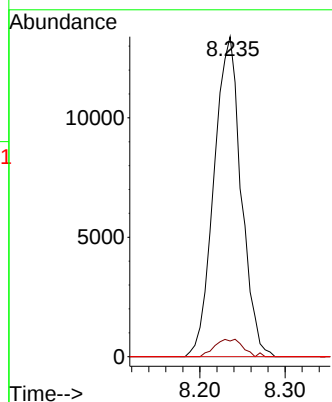
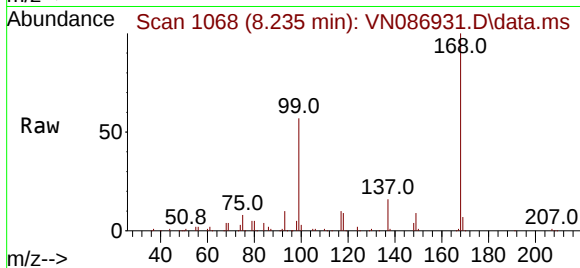




#38
Carbon Tetrachloride
Concen: 6.160 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

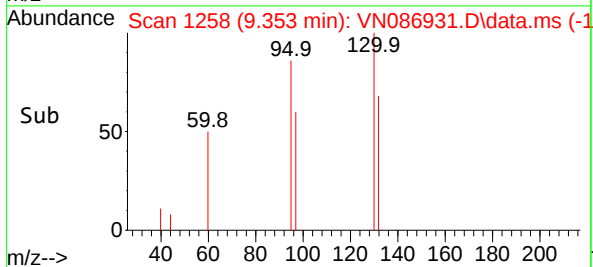
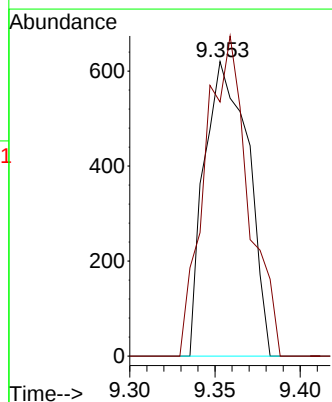
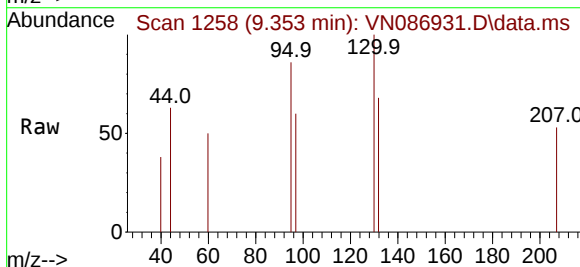
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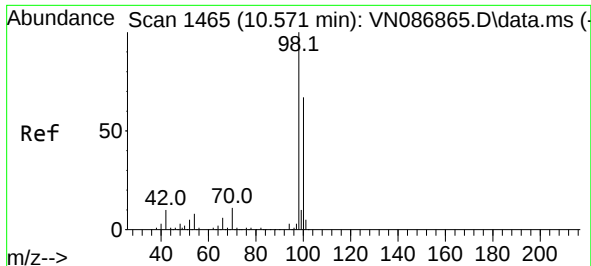
Tgt Ion:117 Resp: 29799
Ion Ratio Lower Upper
117 100
119 4.9 75.0 112.6#
121 0.0 24.9 37.3#



#44
Trichloroethene
Concen: 0.289 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

Tgt Ion:130 Resp: 1106
Ion Ratio Lower Upper
130 100
95 86.3 0.0 196.2

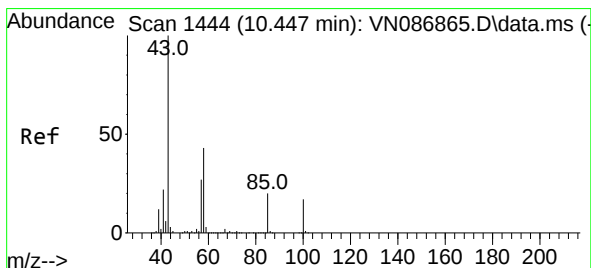
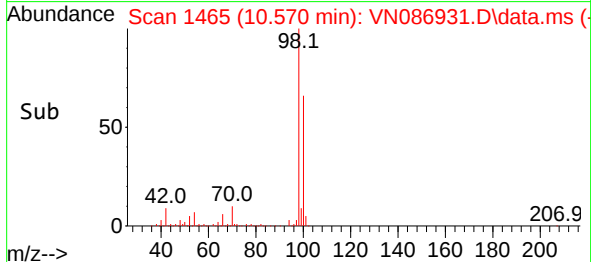
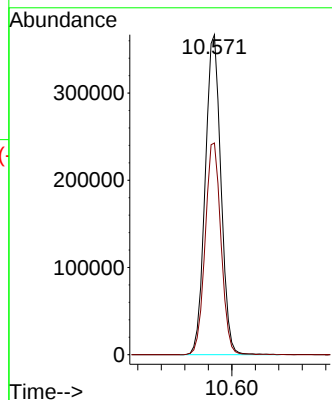
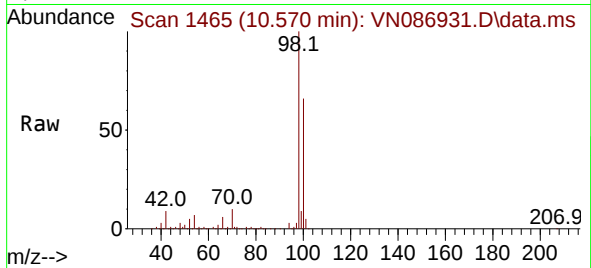




#50
Toluene-d8
Concen: 51.969 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

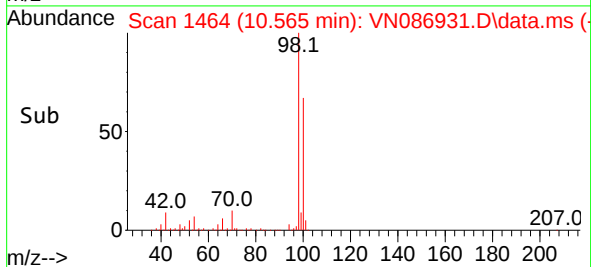
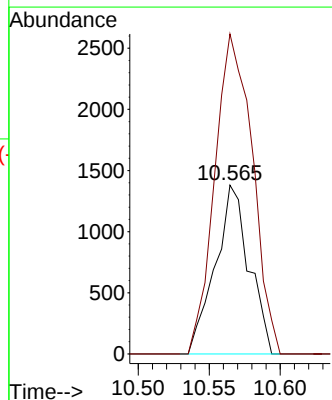
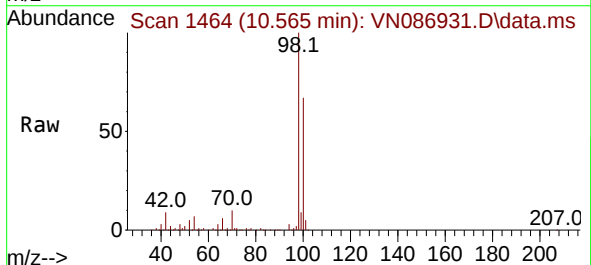
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MSVOA_N
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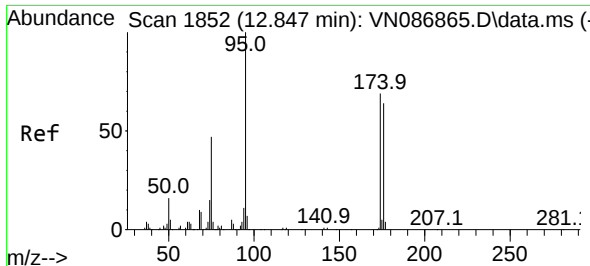
Tgt Ion: 98 Resp: 680287
Ion Ratio Lower Upper
98 100
100 66.6 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.377 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.117 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

Tgt Ion: 43 Resp: 2287
Ion Ratio Lower Upper
43 100
58 211.1 34.2 51.4#

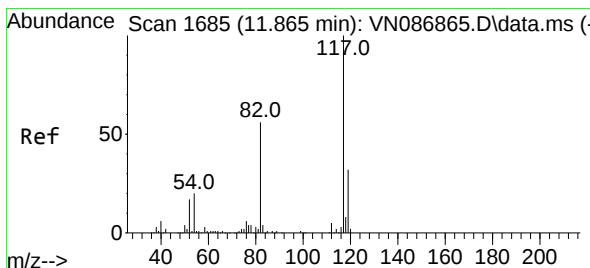
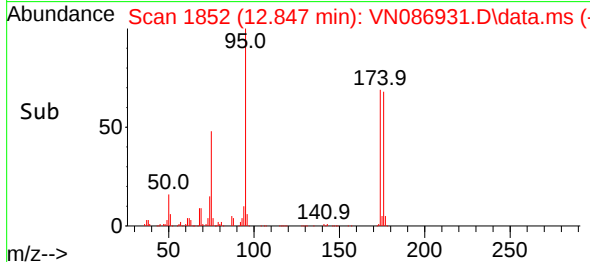
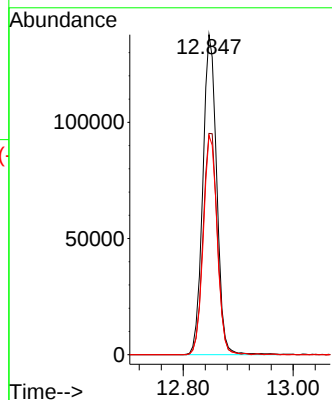
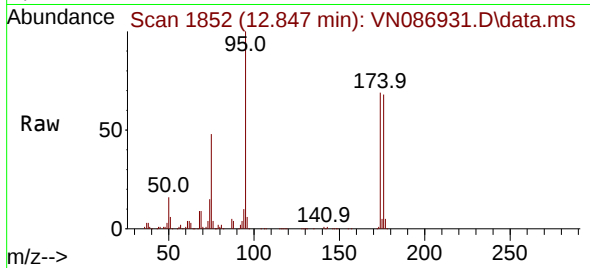




#62
4-Bromofluorobenzene
Concen: 49.543 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

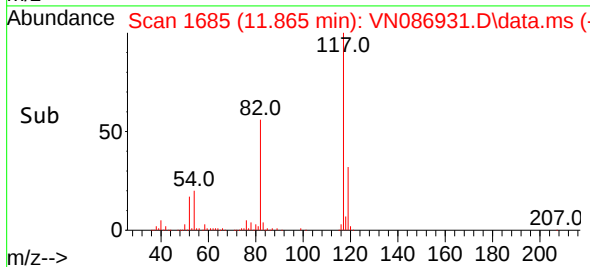
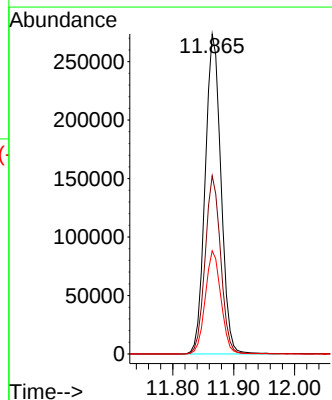
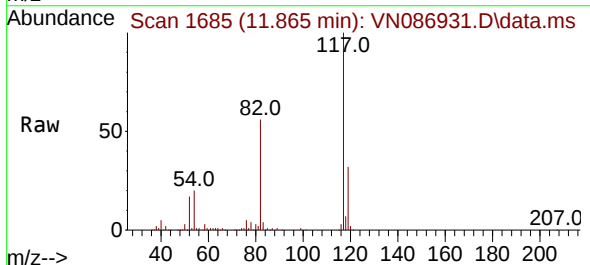
Instrument :
MSVOA_N
ClientSampleId :
IBLK

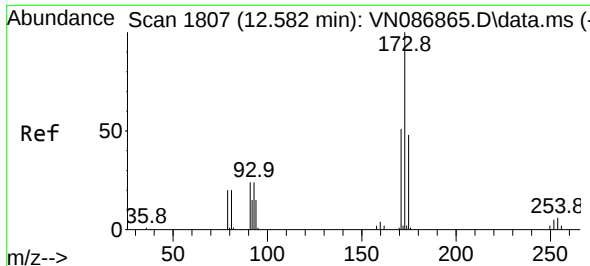
Tgt Ion: 95 Resp: 240949
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.8
176 68.5 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

Tgt Ion: 117 Resp: 492692
Ion Ratio Lower Upper
117 100
82 55.7 44.6 67.0
119 32.3 25.5 38.3

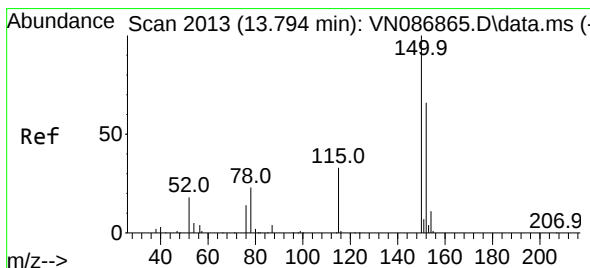
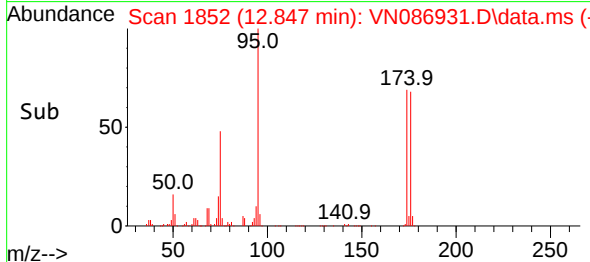
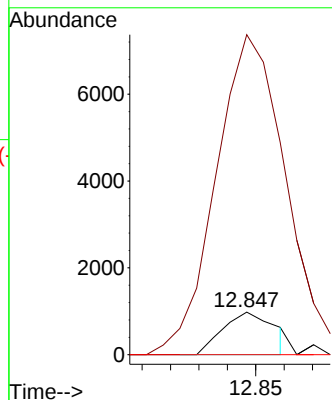
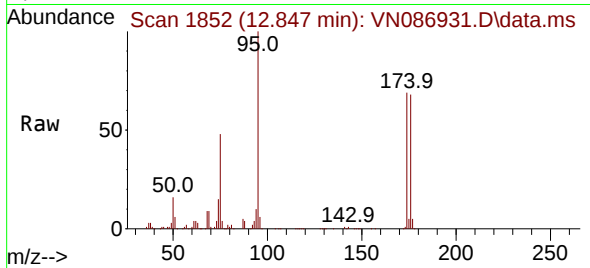




#71
Bromoform
Concen: 0.480 ug/l
RT: 12.847 min Scan# 1807
Delta R.T. 0.264 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

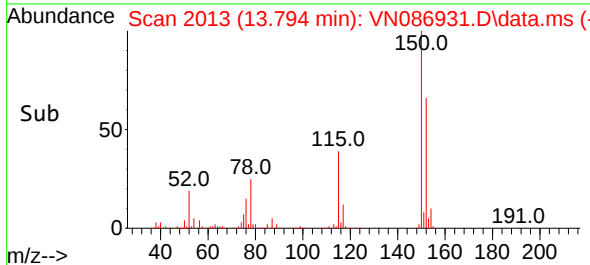
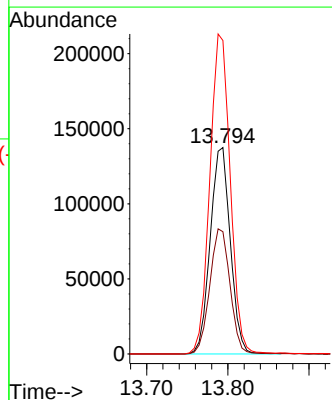
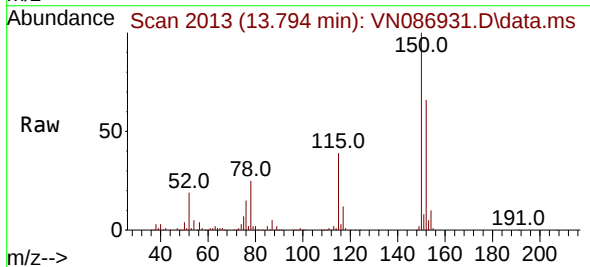
Instrument :
MSVOA_N
ClientSampleId :
IBLK

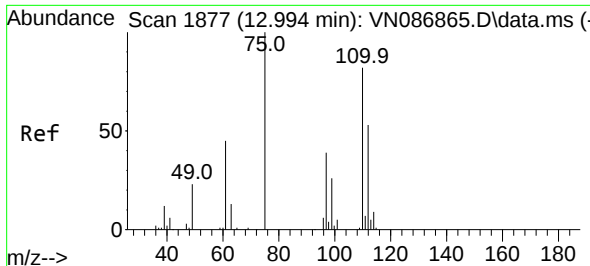
Tgt Ion:173 Resp: 1243
Ion Ratio Lower Upper
173 100
175 885.0 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

Tgt Ion:152 Resp: 236635
Ion Ratio Lower Upper
152 100
115 61.0 30.1 90.5
150 156.6 0.0 345.0

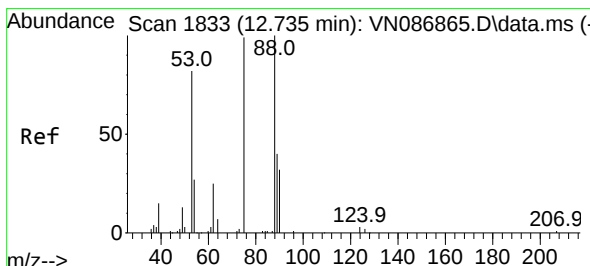
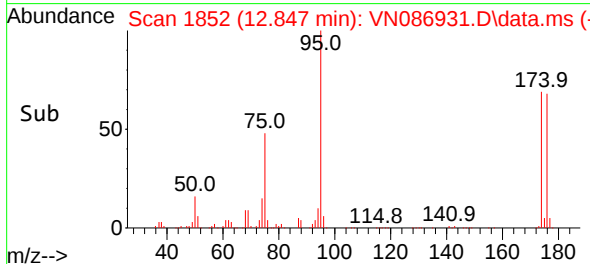
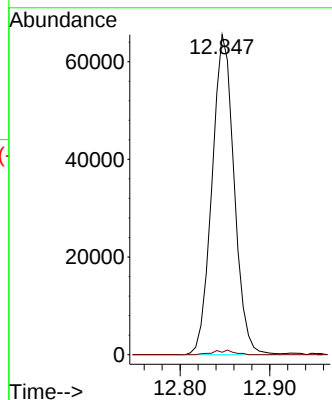
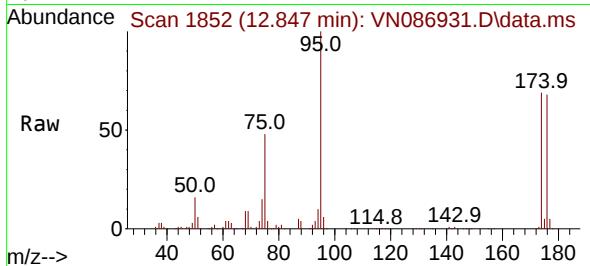




#76
1,2,3-Trichloropropane
Concen: 19.927 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 112088
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.871 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086931.D
Acq: 10 Jun 2025 16:05

Tgt Ion: 75 Resp: 112088
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

