

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086918.D
 Acq On : 10 Jun 2025 11:25
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 11 01:50:55 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	245467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	454750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	399887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	185801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	158353	48.182	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.360%
35) Dibromofluoromethane	8.177	113	135568	50.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.600%
50) Toluene-d8	10.565	98	548190	51.383	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.847	95	193581	48.838	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.680%

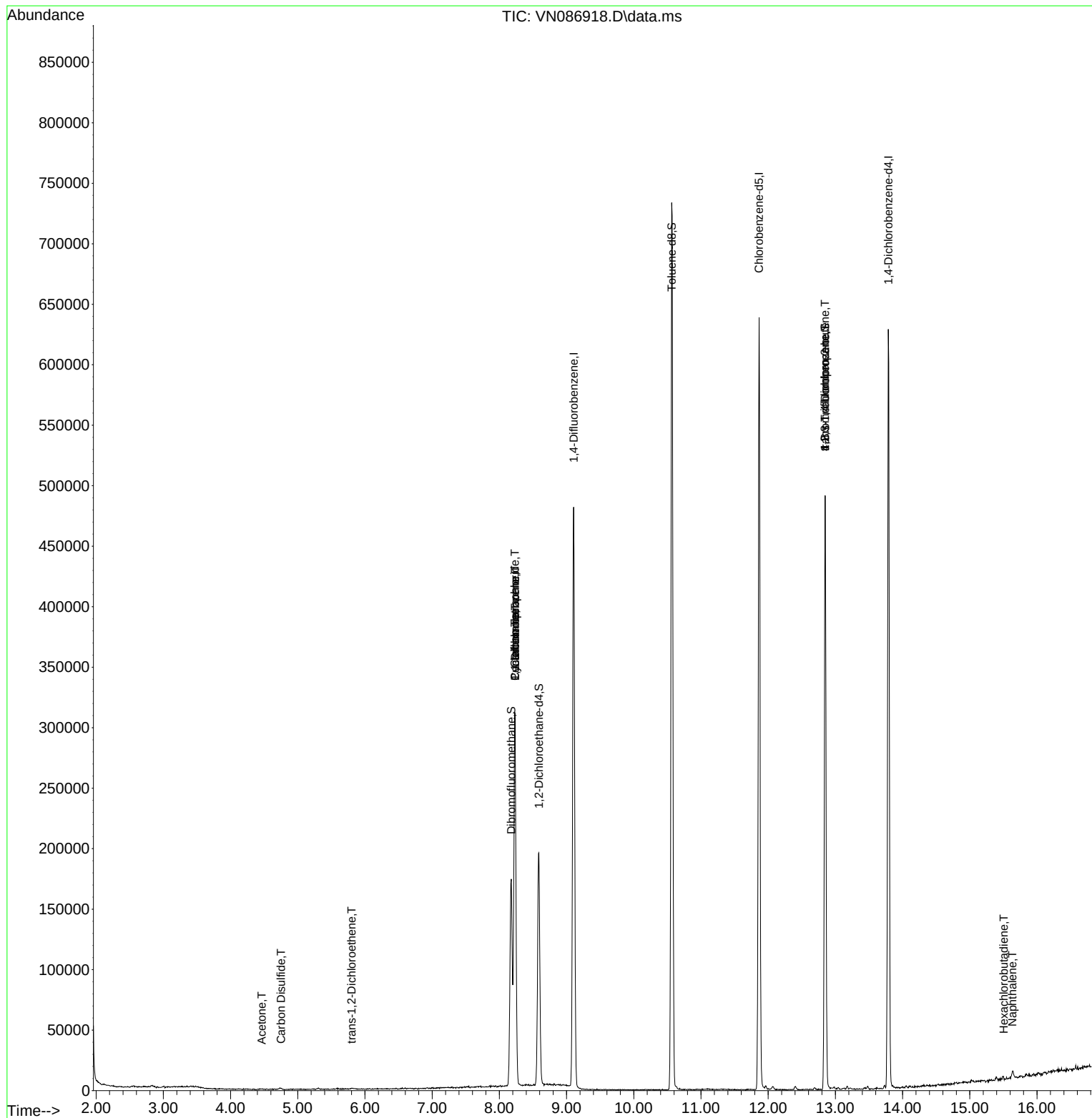
Target Compounds					Qvalue	
16) Acetone	4.465	43	870	0.499	ug/l #	40
17) Carbon Disulfide	4.753	76	1590	0.210	ug/l #	75
21) trans-1,2-Dichloroethene	5.800	96	1059	0.348	ug/l #	42
31) Cyclohexane	8.235	56	4103	0.770	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	18128	4.514	ug/l #	47
38) Carbon Tetrachloride	8.229	117	24136	6.122	ug/l #	18
76) 1,2,3-Trichloropropane	12.847	75	89438	20.251	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89438	46.616	ug/l #	16
94) Hexachlorobutadiene	15.506	225	434	0.311	ug/l #	67
95) Naphthalene	15.635	128	6876	0.493	ug/l	97

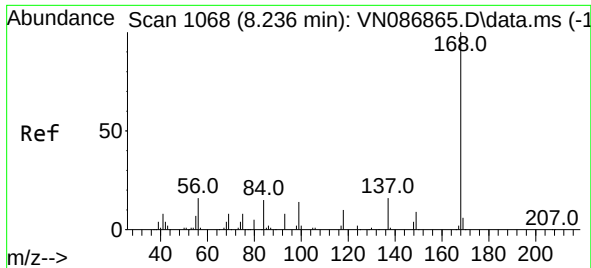
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
Data File : VN086918.D
Acq On : 10 Jun 2025 11:25
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 11 01:50:55 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

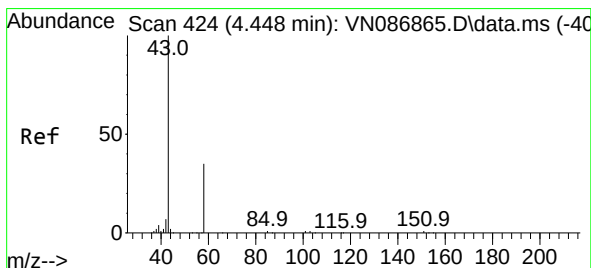
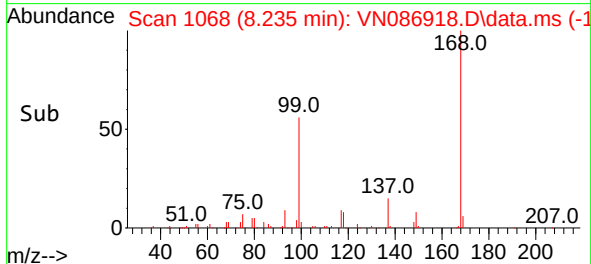
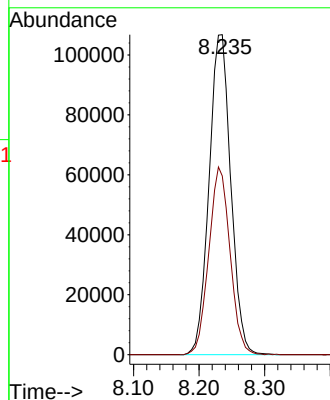
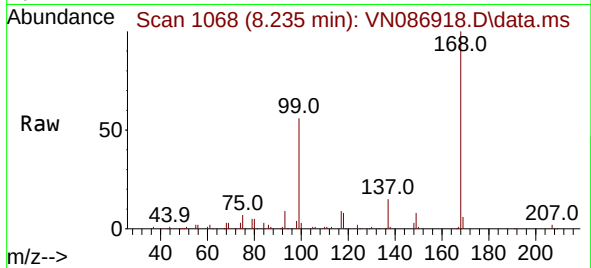




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

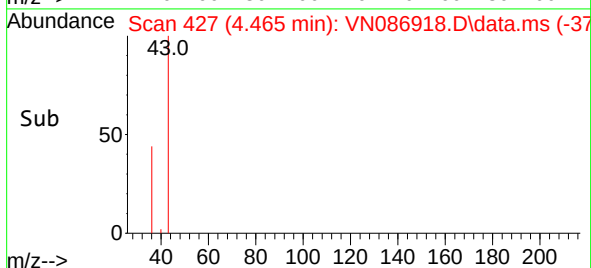
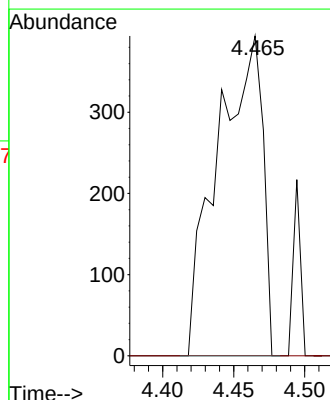
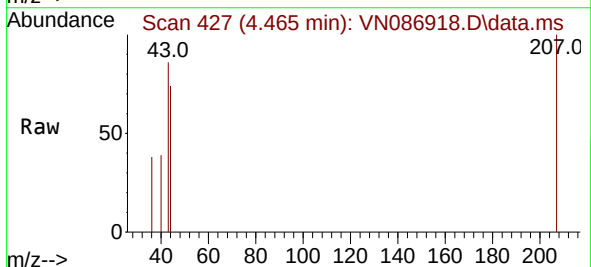
Instrument :
MSVOA_N
ClientSampleId :
IBLK

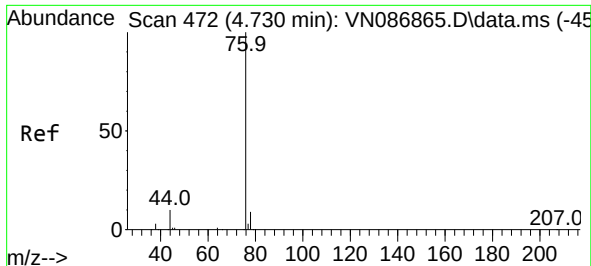
Tgt Ion:168 Resp: 245467
Ion Ratio Lower Upper
168 100
99 55.8 49.1 73.7



#16
Acetone
Concen: 0.499 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.017 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#





#17

Carbon Disulfide

Concen: 0.210 ug/l

RT: 4.753 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN086918.D

Acq: 10 Jun 2025 11:25

Instrument :

MSVOA_N

ClientSampleId :

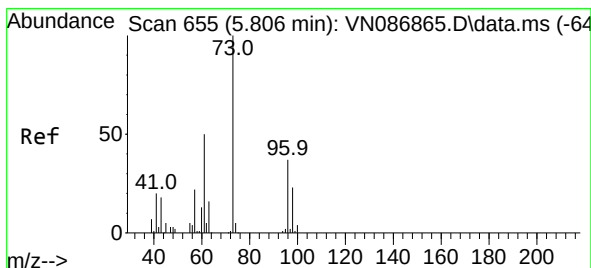
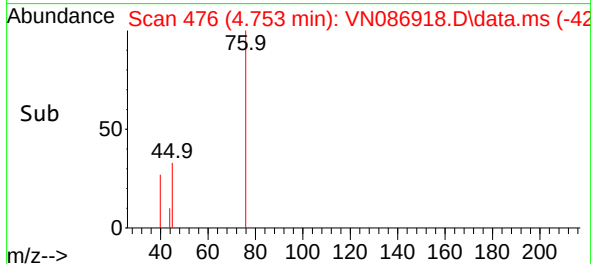
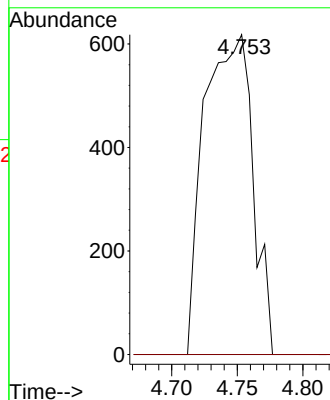
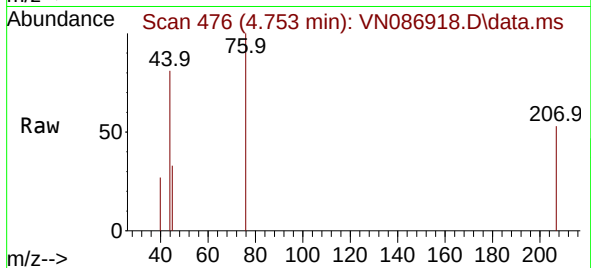
IBLK

Tgt Ion: 76 Resp: 1590

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#21

trans-1,2-Dichloroethene

Concen: 0.348 ug/l

RT: 5.800 min Scan# 654

Delta R.T. -0.006 min

Lab File: VN086918.D

Acq: 10 Jun 2025 11:25

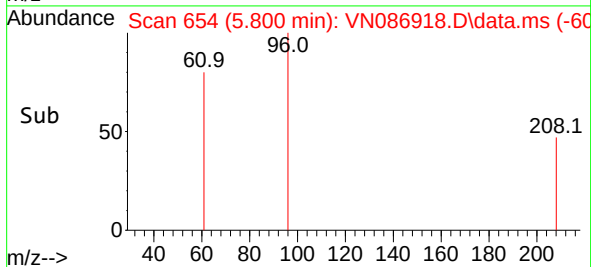
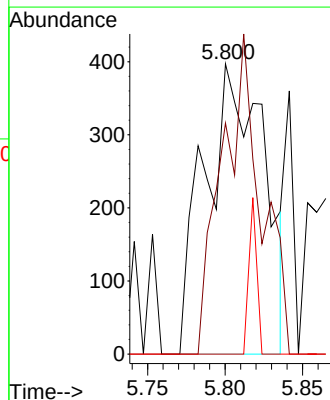
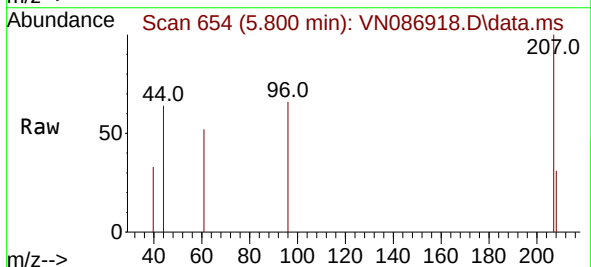
Tgt Ion: 96 Resp: 1059

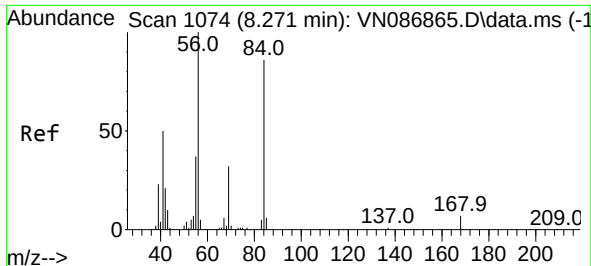
Ion Ratio Lower Upper

96 100

61 79.6 109.2 163.8#

98 0.0 49.8 74.8#

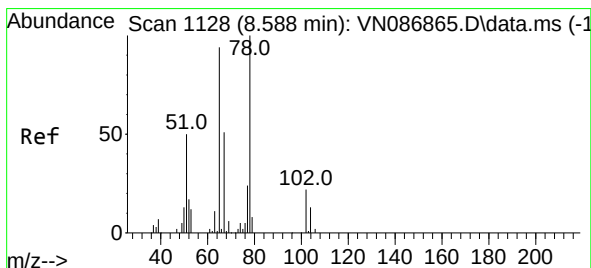
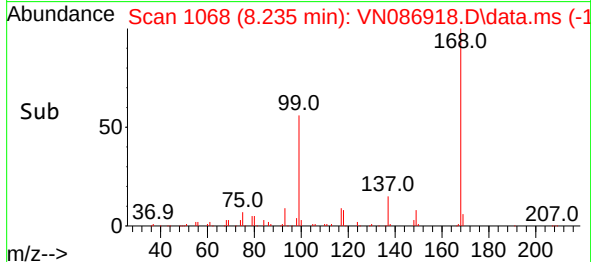
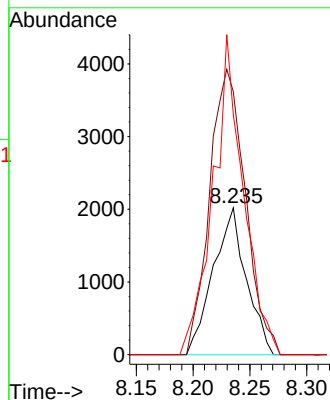
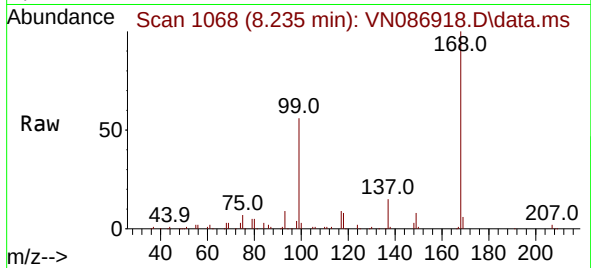




#31
Cyclohexane
Concen: 0.770 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.036 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

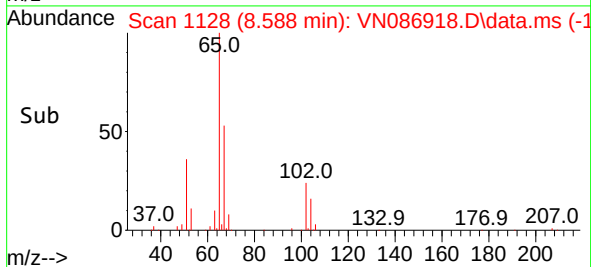
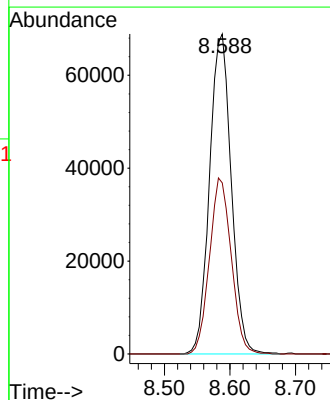
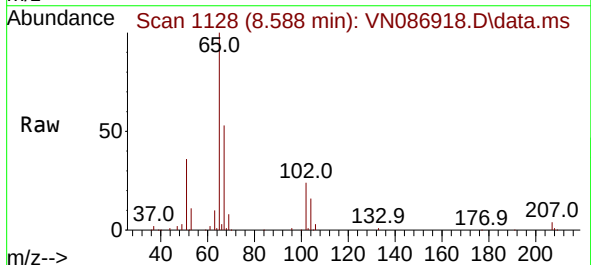
Instrument :
MSVOA_N
ClientSampleId :
IBLK

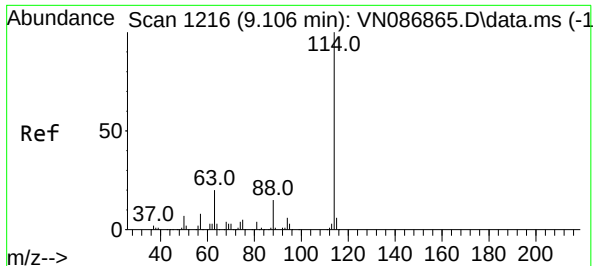
Tgt Ion: 56 Resp: 4103
Ion Ratio Lower Upper
56 100
69 179.1 25.4 38.0#
84 163.4 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.182 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion: 65 Resp: 158353
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086918.D

Acq: 10 Jun 2025 11:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

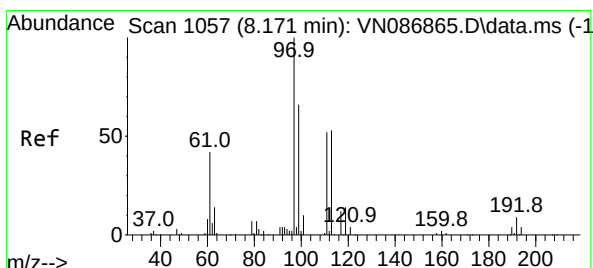
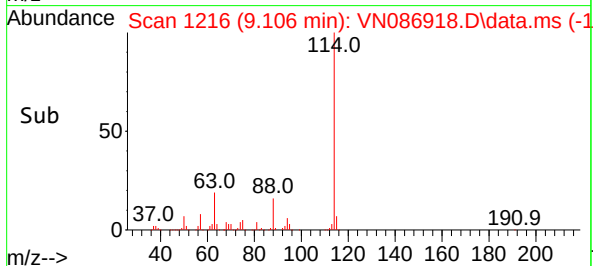
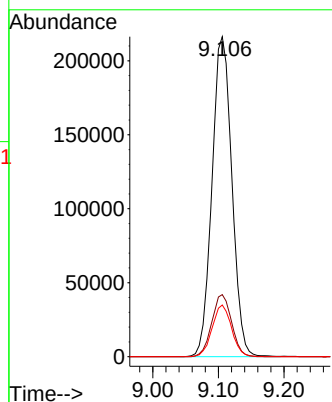
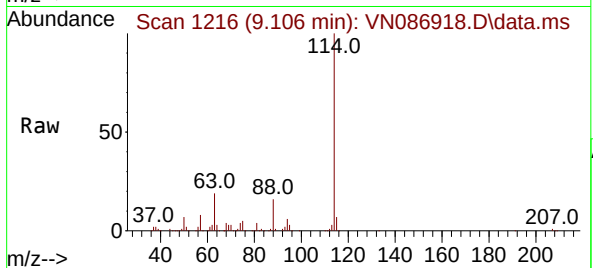
Tgt Ion:114 Resp: 454750

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 16.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 50.304 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086918.D

Acq: 10 Jun 2025 11:25

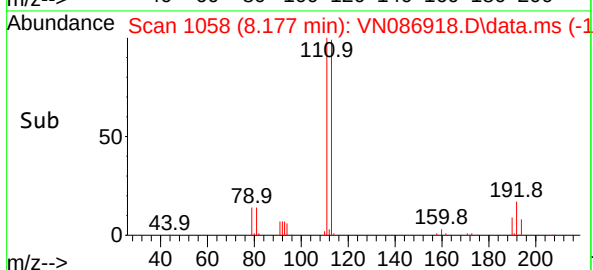
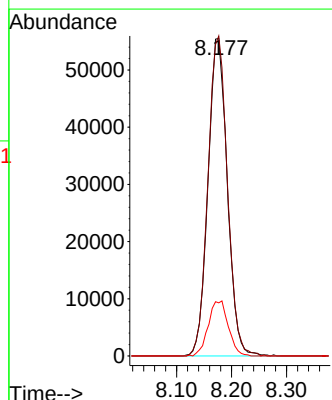
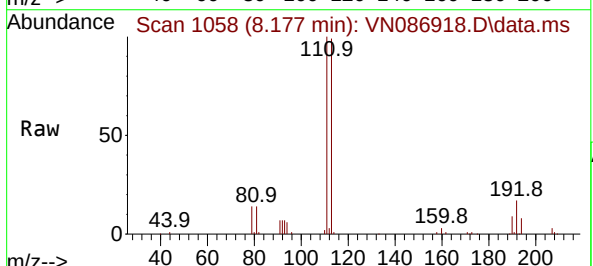
Tgt Ion:113 Resp: 135568

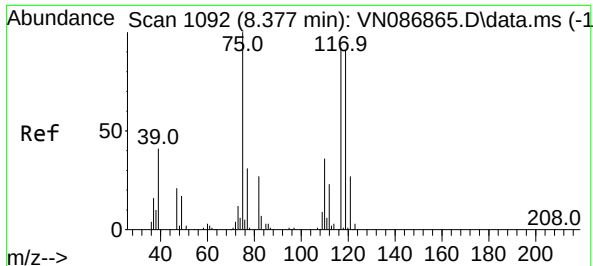
Ion Ratio Lower Upper

113 100

111 101.5 84.2 126.2

192 18.0 14.2 21.4

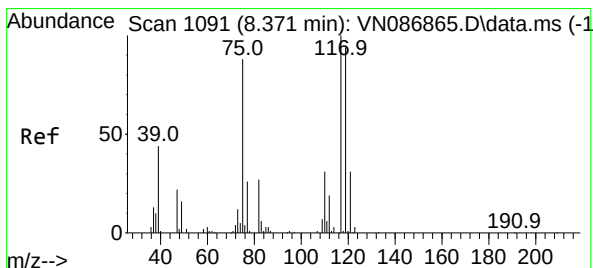
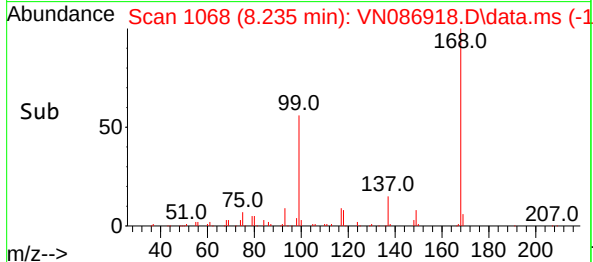
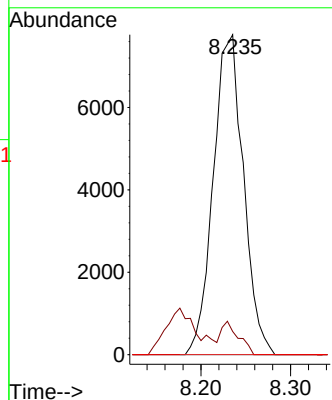
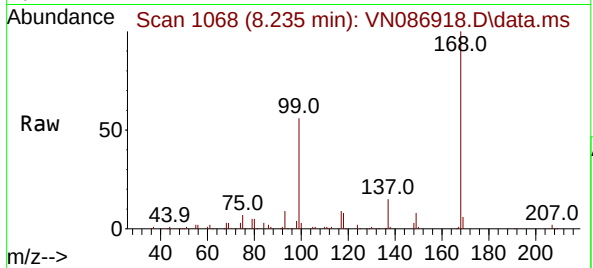




#36
1,1-Dichloropropene
Concen: 4.514 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

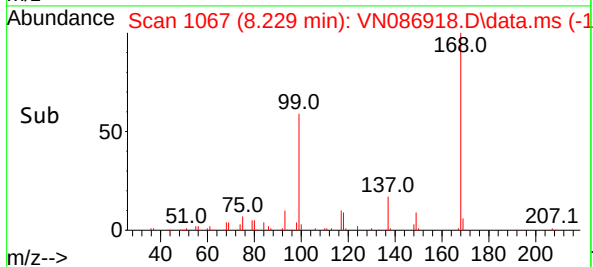
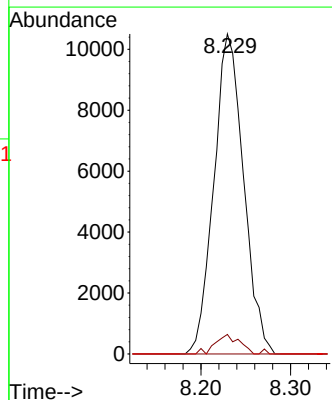
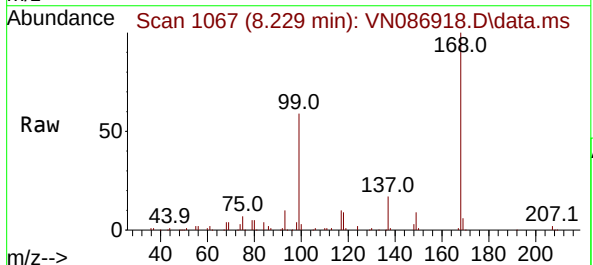
Instrument :
MSVOA_N
ClientSampleId :
IBLK

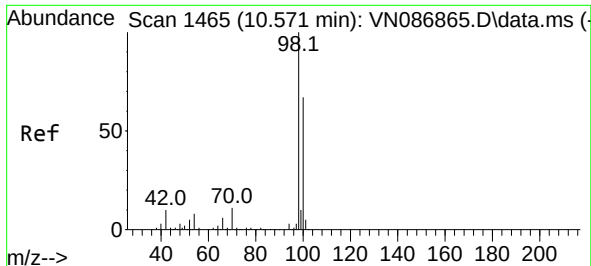
Tgt Ion: 75 Resp: 18128
Ion Ratio Lower Upper
75 100
110 6.0 17.6 52.9#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.122 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion: 117 Resp: 24136
Ion Ratio Lower Upper
117 100
119 6.1 75.0 112.6#
121 0.0 24.9 37.3#

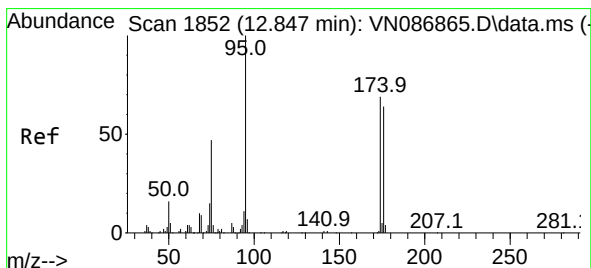
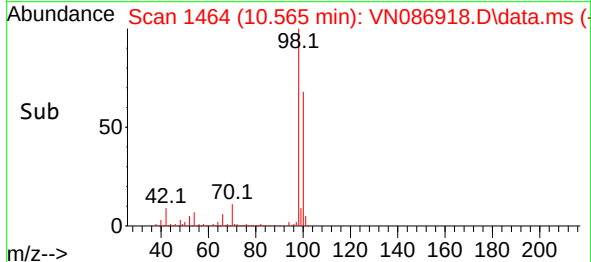
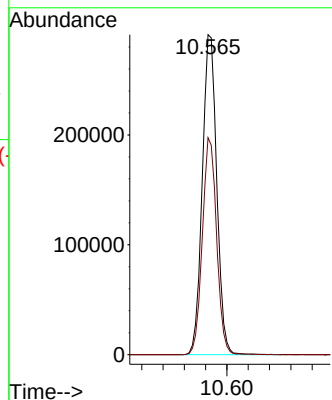
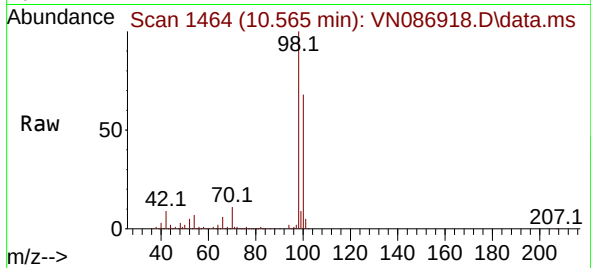




#50
Toluene-d8
Concen: 51.383 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

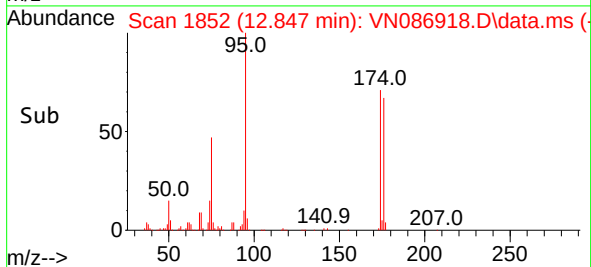
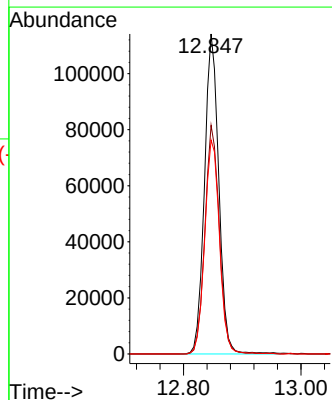
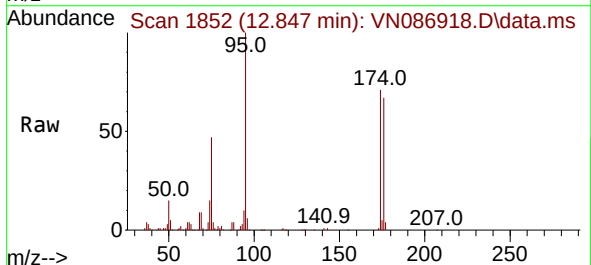
Instrument :
MSVOA_N
ClientSampleId :
IBLK

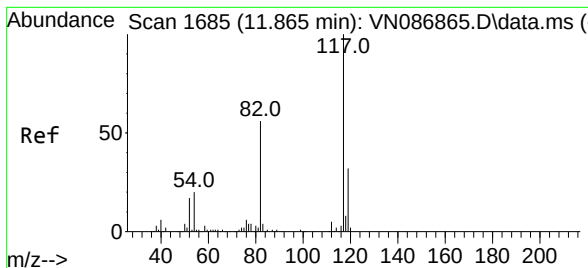
Tgt Ion: 98 Resp: 548190
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.838 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion: 95 Resp: 193581
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.8
176 68.9 0.0 132.6

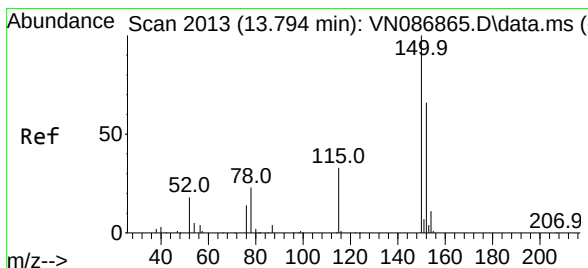
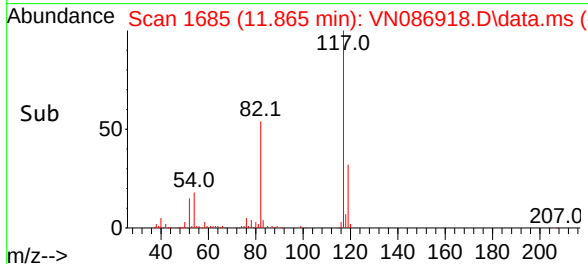
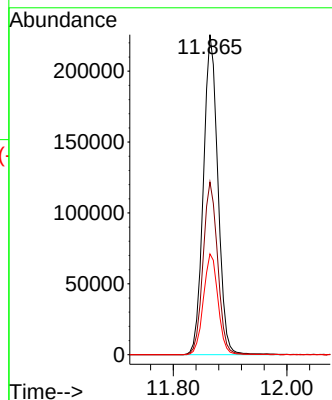
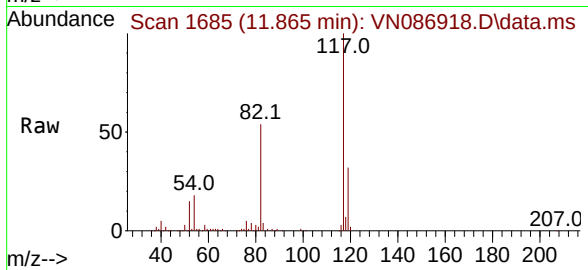




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

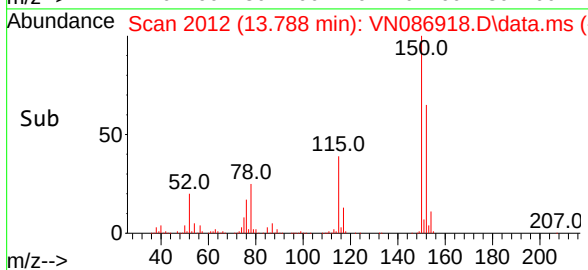
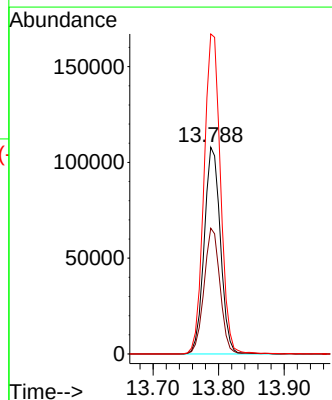
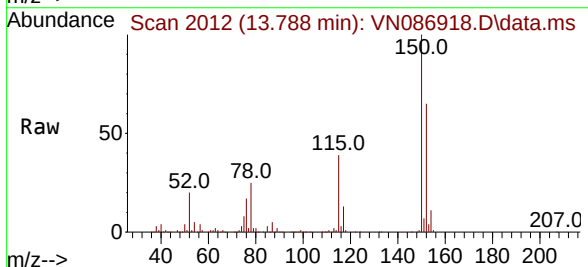
Instrument :
MSVOA_N
ClientSampleId :
IBLK

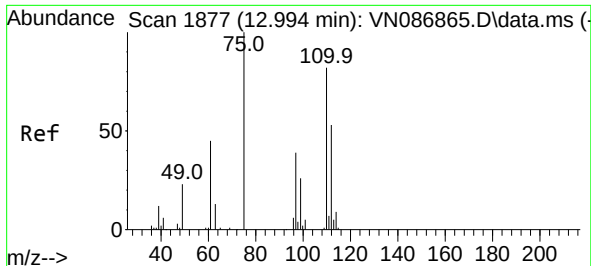
Tgt Ion:117 Resp: 399887
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion:152 Resp: 185801
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.5
150 157.9 0.0 345.0

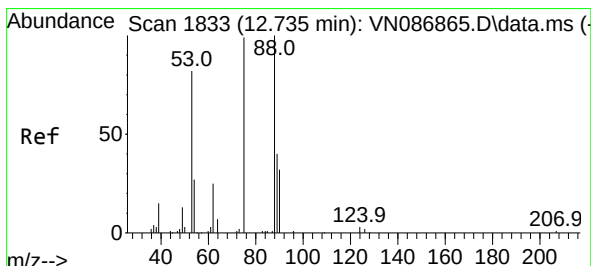
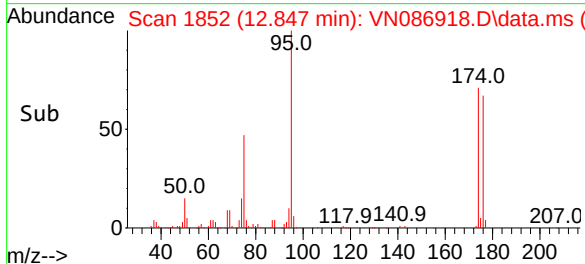
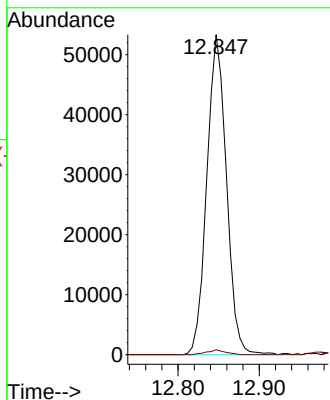
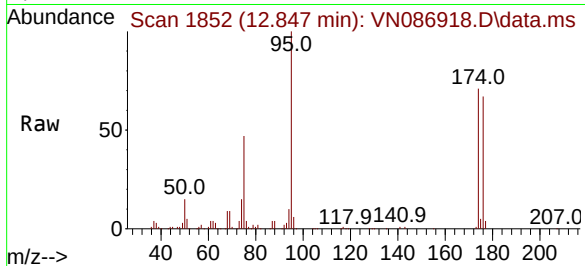




#76
1,2,3-Trichloropropane
Concen: 20.251 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

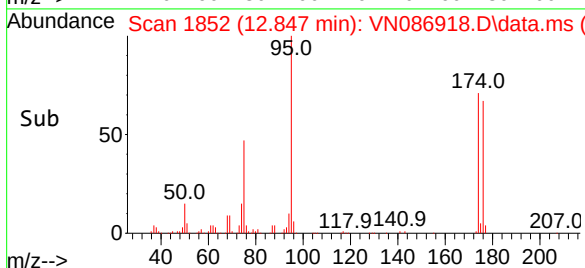
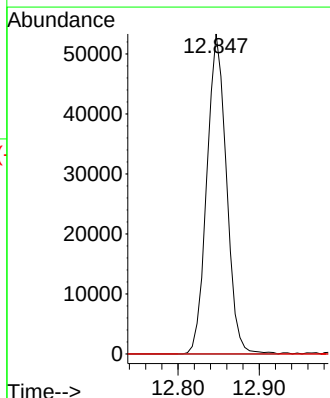
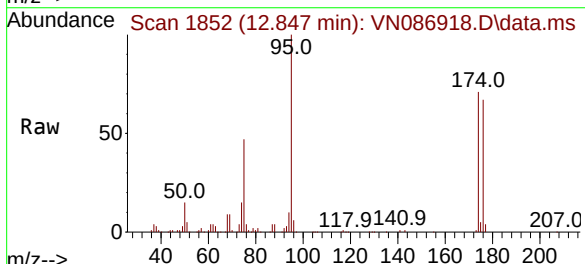
Instrument :
MSVOA_N
ClientSampleId :
IBLK

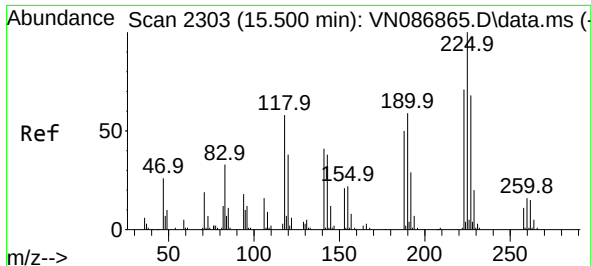
Tgt Ion: 75 Resp: 89438
Ion Ratio Lower Upper
75 100
77 1.4 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.616 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion: 75 Resp: 89438
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

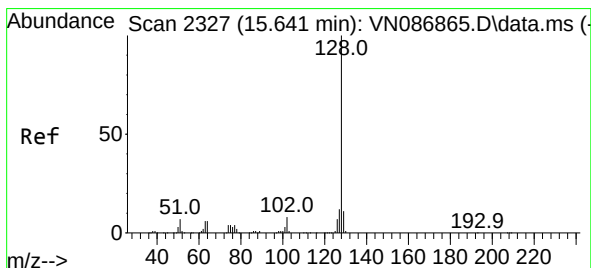
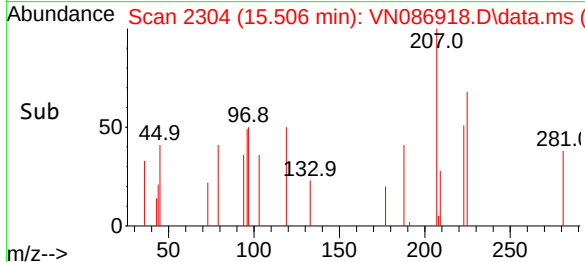
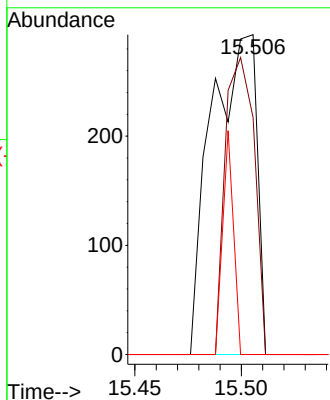
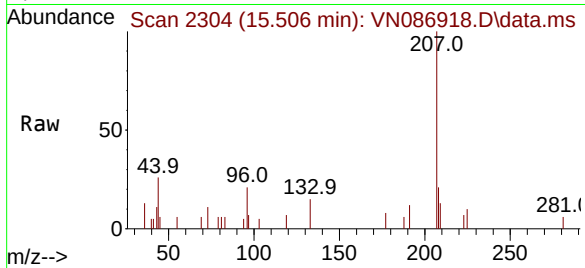




#94
Hexachlorobutadiene
Concen: 0.311 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:225 Resp: 434
Ion Ratio Lower Upper
225 100
223 59.4 33.5 100.4
227 16.6 31.1 93.5#



#95
Naphthalene
Concen: 0.493 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086918.D
Acq: 10 Jun 2025 11:25

Tgt Ion:128 Resp: 6876
Ion Ratio Lower Upper
128 100
127 11.0 10.2 15.2
129 10.4 8.8 13.2

