

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
 Data File : VN082879.D
 Acq On : 11 Jul 2024 16:20
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 12 01:08:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	132617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	238892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	232439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105063	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	94156	50.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.300%
35) Dibromofluoromethane	8.165	113	75641	49.345	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	10.565	98	283259	50.030	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.853	95	102177	50.240	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	100.480%

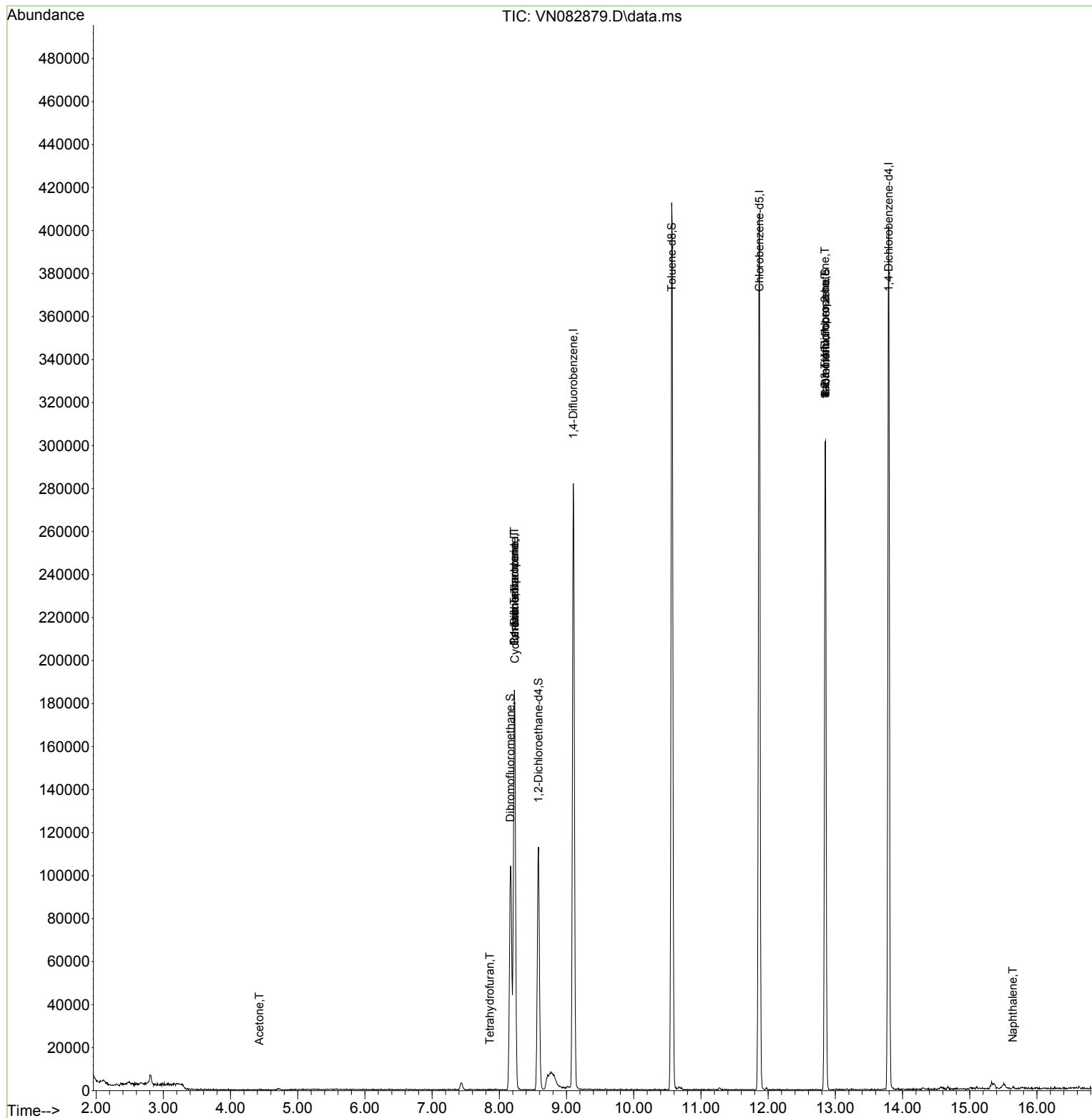
Target Compounds					Qvalue	
16) Acetone	4.430	43	186	0.284	ug/l #	48
29) Tetrahydrofuran	7.859	42	200	0.321	ug/l #	38
31) Cyclohexane	8.230	56	3272	1.346	ug/l #	26
36) 1,1-Dichloropropene	8.224	75	11625	5.500	ug/l #	49
38) Carbon Tetrachloride	8.224	117	14310	5.623	ug/l #	17
43) Isopropyl Acetate	8.718	43	6147	Below Cal	#	60
71) Bromoform	12.853	173	920	0.660	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	56986	31.461	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56986	61.874	ug/l #	6
95) Naphthalene	15.641	128	1486	0.233	ug/l #	69

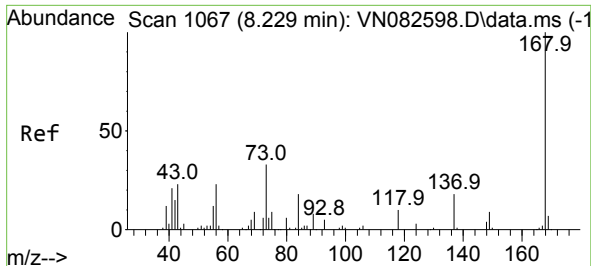
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071124\
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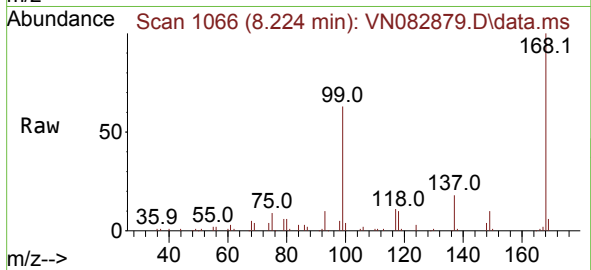
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



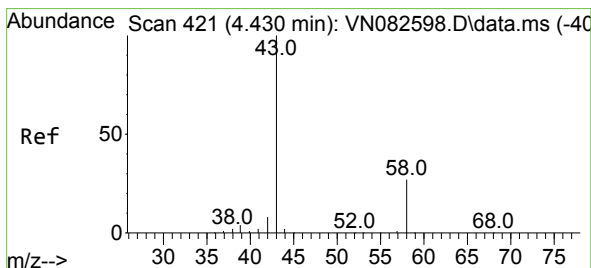
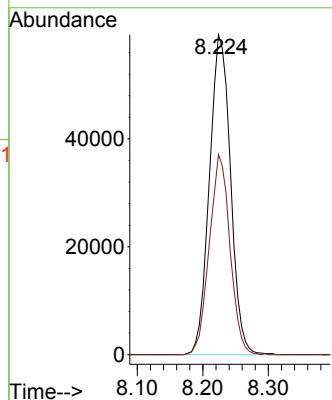
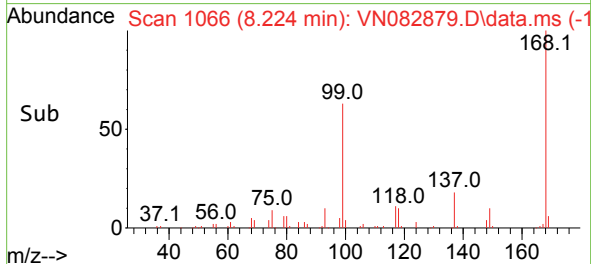


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
IBLK

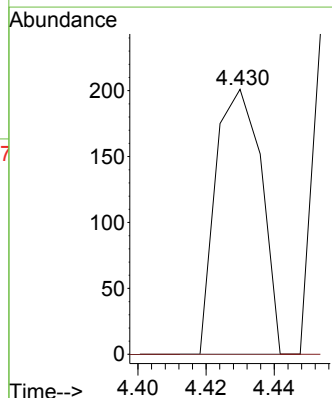
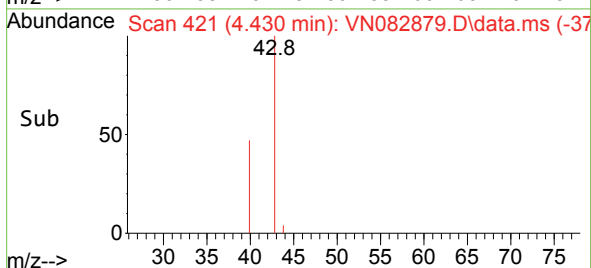
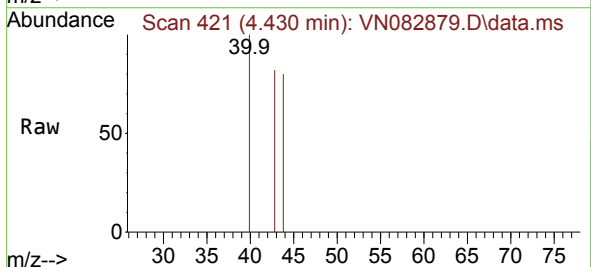


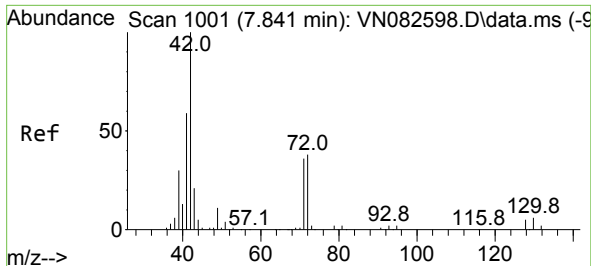
Tgt Ion:168 Resp: 132617
Ion Ratio Lower Upper
168 100
99 62.6 48.2 72.4



#16
Acetone
Concen: 0.284 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Tgt Ion: 43 Resp: 186
Ion Ratio Lower Upper
43 100
58 0.0 21.8 32.6#

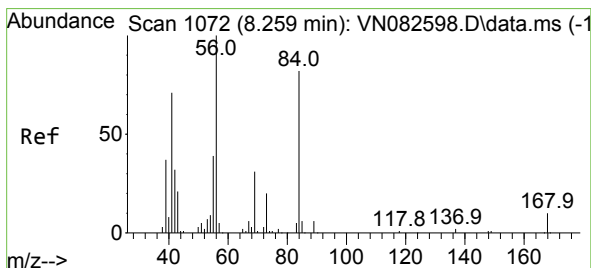
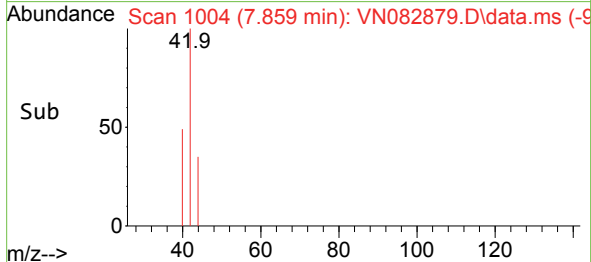
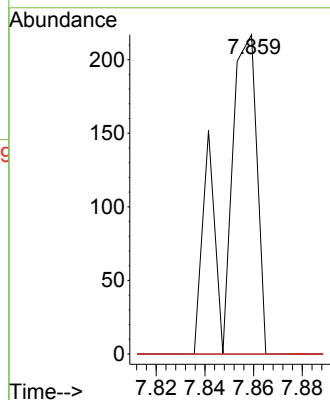
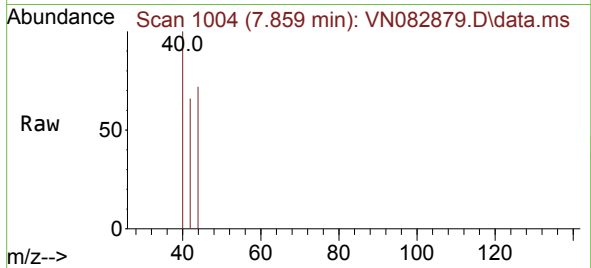




#29
Tetrahydrofuran
Concen: 0.321 ug/l
RT: 7.859 min Scan# 1004
Delta R.T. 0.018 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

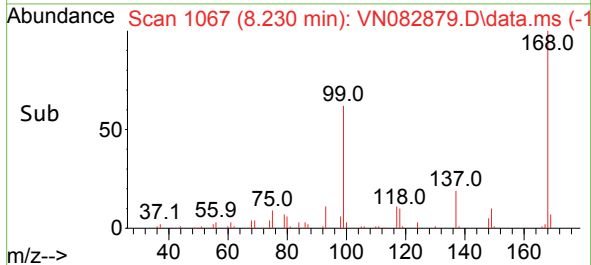
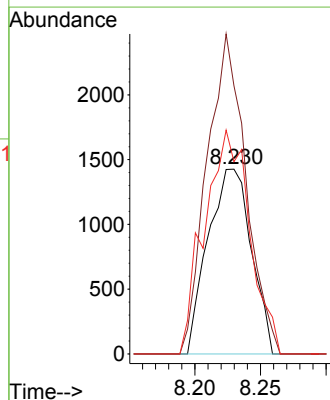
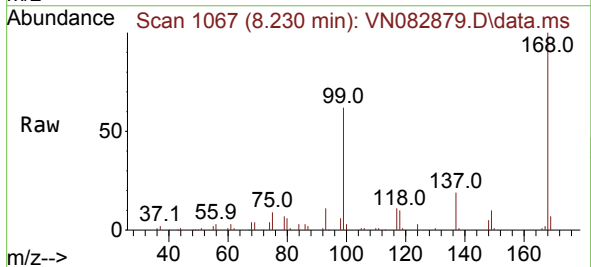
Instrument :
MSVOA_N
ClientSampleId :
IBLK

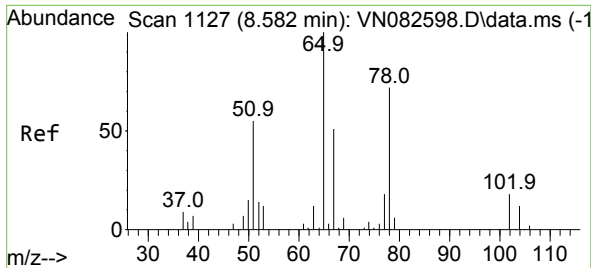
Tgt Ion: 42	Resp:	200
Ion	Ratio	Lower Upper
42	100	
72	0.0	30.0 45.0#
71	0.0	28.3 42.5#



#31
Cyclohexane
Concen: 1.346 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Tgt Ion: 56	Resp:	3272
Ion	Ratio	Lower Upper
56	100	
69	145.2	24.5 36.7#
84	104.1	66.0 99.0#

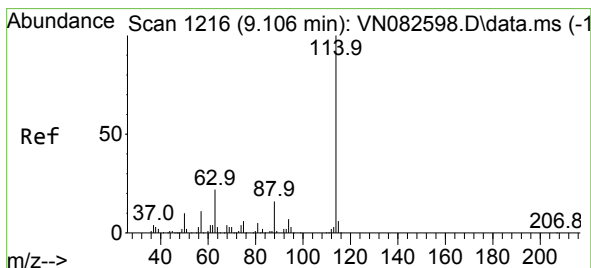
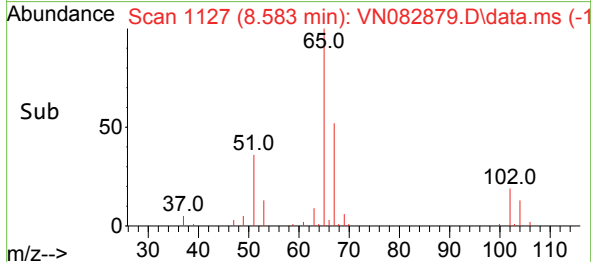
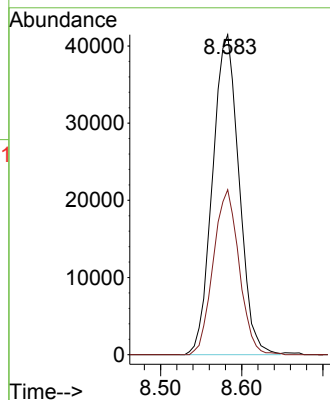
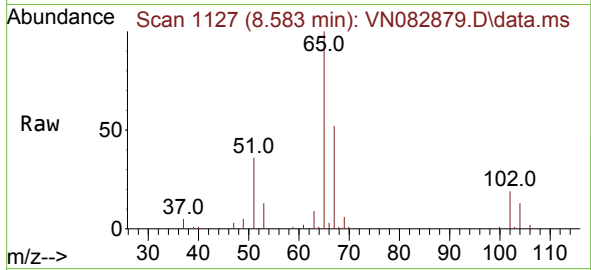




#33
 1,2-Dichloroethane-d4
 Concen: 50.648 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082879.D
 Acq: 11 Jul 2024 16:20

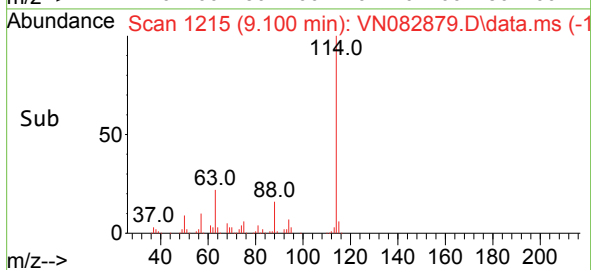
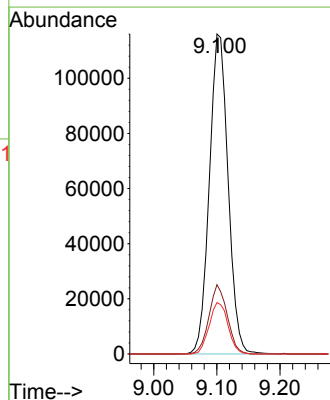
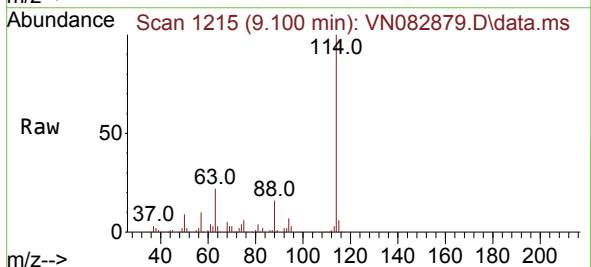
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

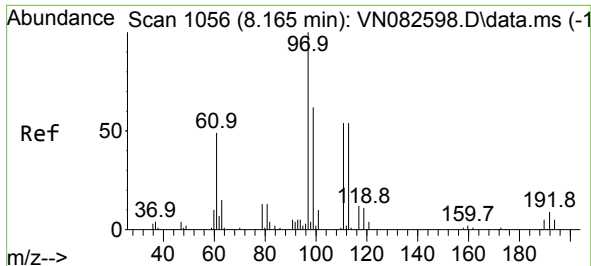
Tgt Ion: 65 Resp: 94156
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.006 min
 Lab File: VN082879.D
 Acq: 11 Jul 2024 16:20

Tgt Ion: 114 Resp: 238892
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.6
 88 16.0 0.0 31.4

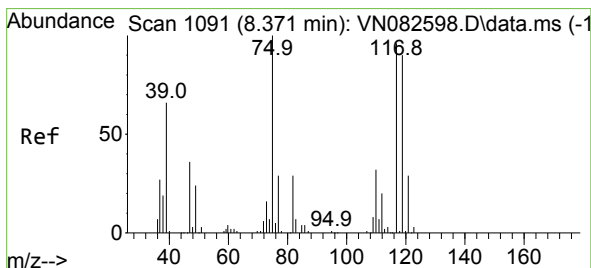
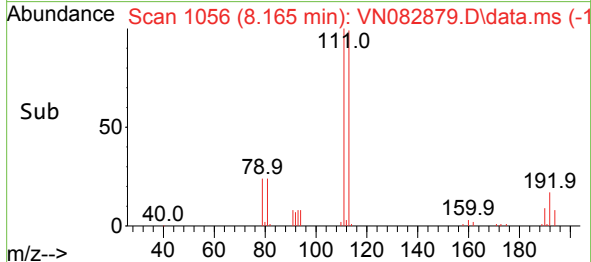
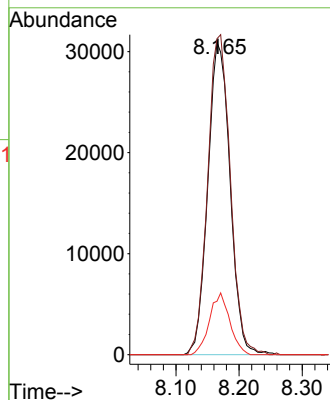
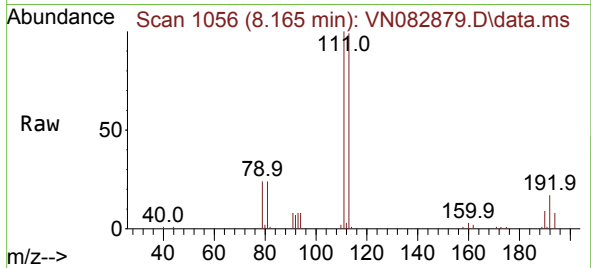




#35
Dibromofluoromethane
Concen: 49.345 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

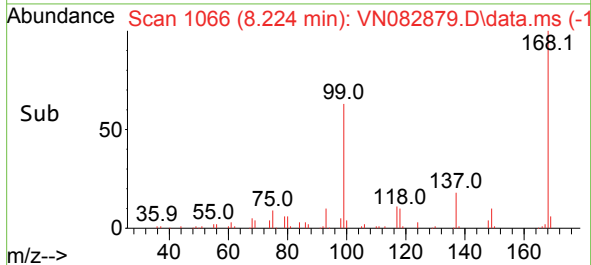
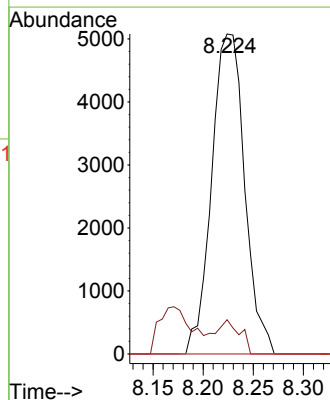
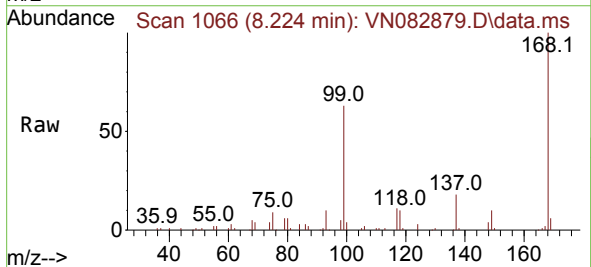
Instrument :
MSVOA_N
ClientSampleId :
IBLK

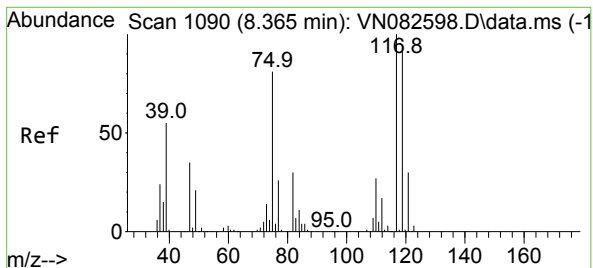
Tgt Ion:113 Resp: 75641
Ion Ratio Lower Upper
113 100
111 104.3 82.4 123.6
192 18.1 14.9 22.3



#36
1,1-Dichloropropene
Concen: 5.500 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Tgt Ion: 75 Resp: 11625
Ion Ratio Lower Upper
75 100
110 6.3 16.3 48.9#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.623 ug/l

RT: 8.224 min Scan# 1106

Delta R.T. -0.141 min

Lab File: VN082879.D

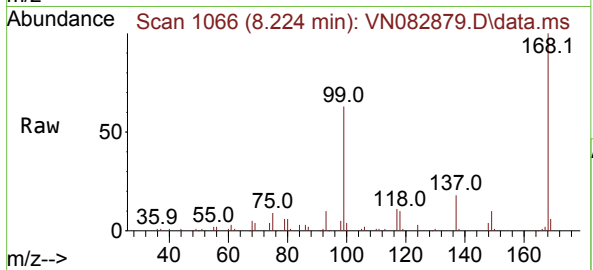
Acq: 11 Jul 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

IBLK



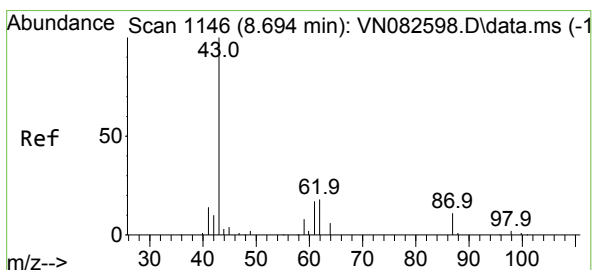
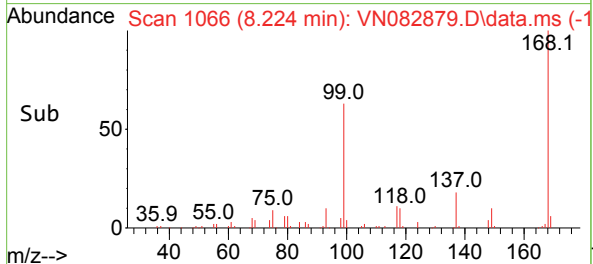
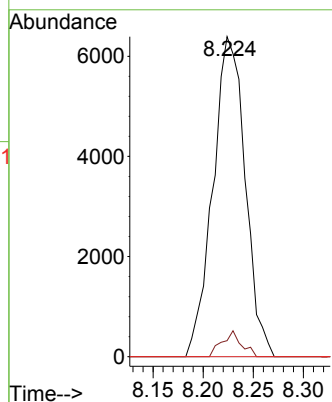
Tgt Ion:117 Resp: 14310

Ion Ratio Lower Upper

117 100

119 5.0 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.718 min Scan# 1150

Delta R.T. 0.024 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

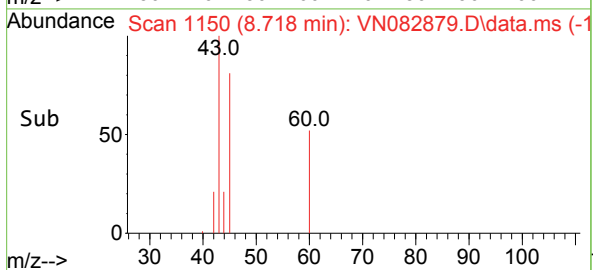
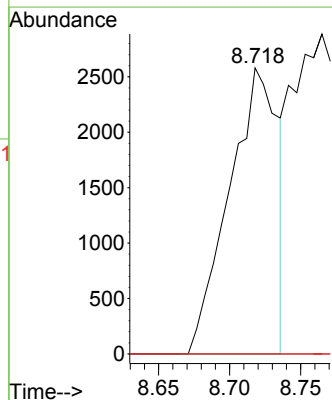
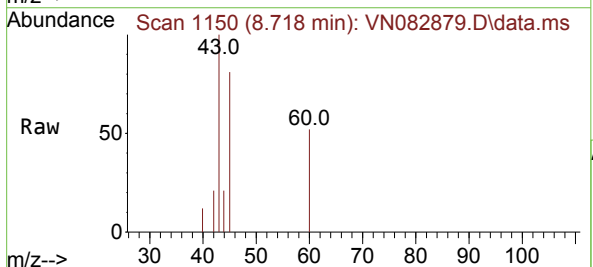
Tgt Ion: 43 Resp: 6147

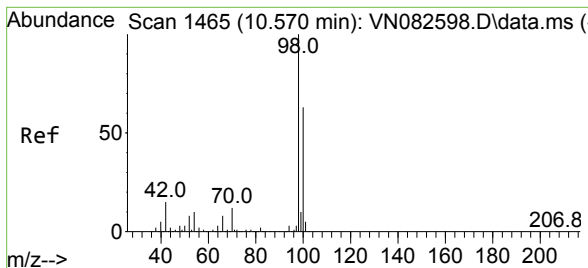
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#





#50

Toluene-d8

Concen: 50.030 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

Instrument :

MSVOA_N

ClientSampleId :

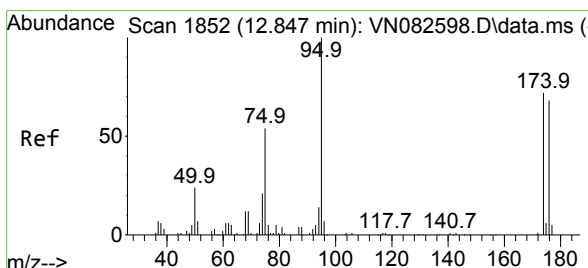
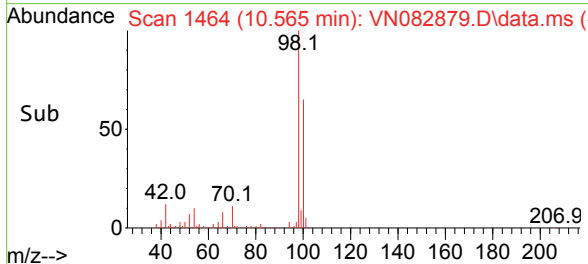
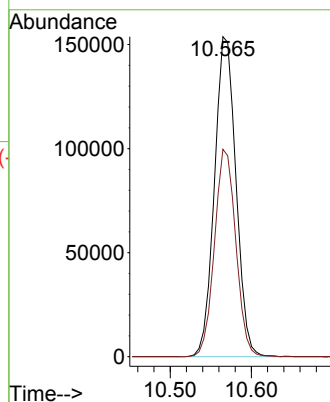
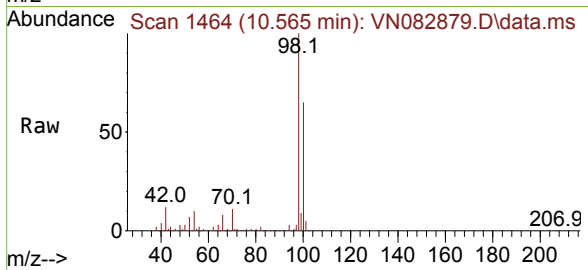
IBLK

Tgt Ion: 98 Resp: 283259

Ion Ratio Lower Upper

98 100

100 64.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 50.240 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

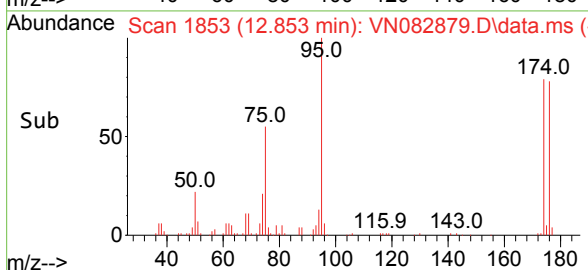
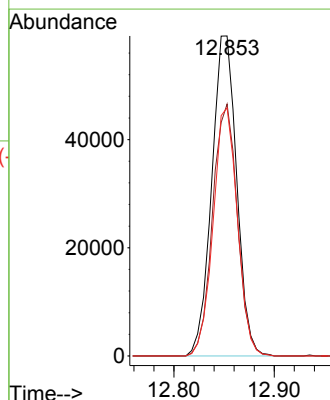
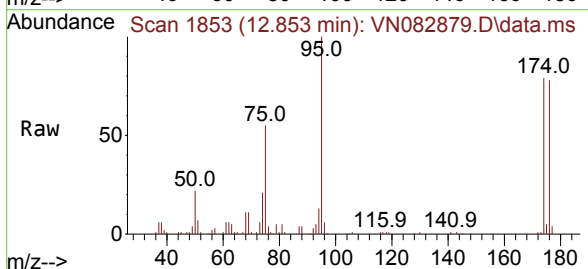
Tgt Ion: 95 Resp: 102177

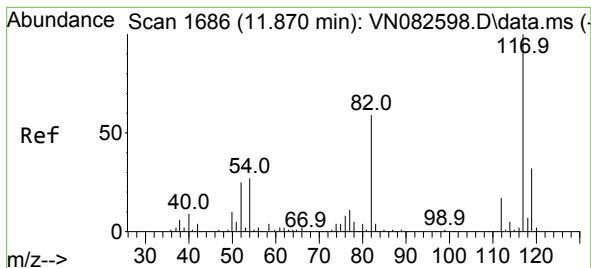
Ion Ratio Lower Upper

95 100

174 77.8 0.0 159.2

176 75.4 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

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IBLK

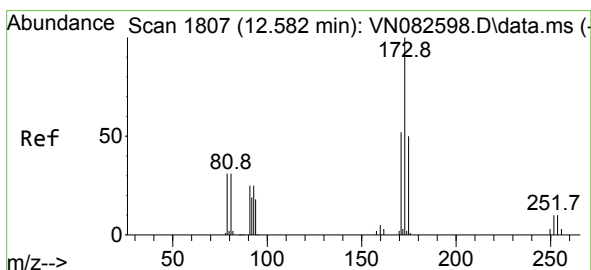
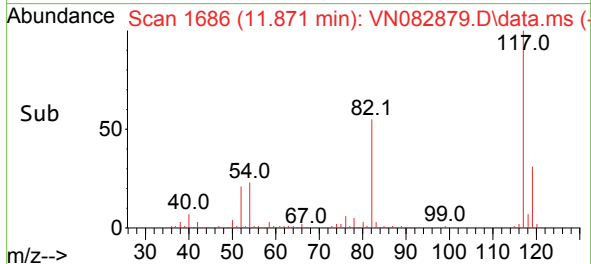
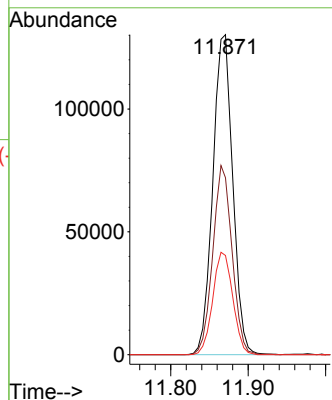
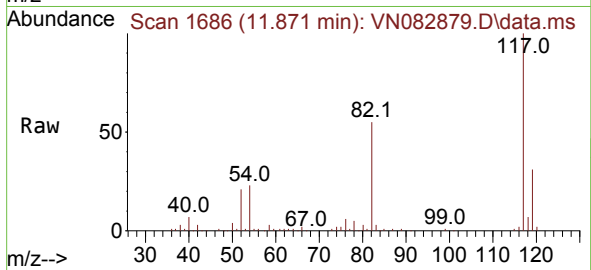
Tgt Ion:117 Resp: 232439

Ion Ratio Lower Upper

117 100

82 55.3 47.5 71.3

119 31.0 25.6 38.4



#71

Bromoform

Concen: 0.660 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.271 min

Lab File: VN082879.D

Acq: 11 Jul 2024 16:20

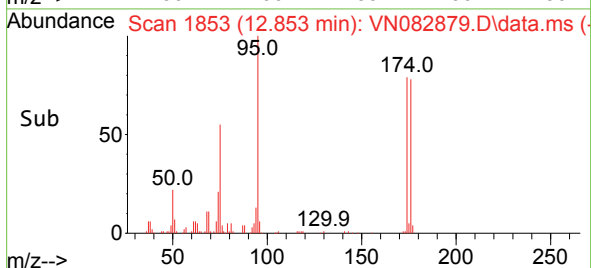
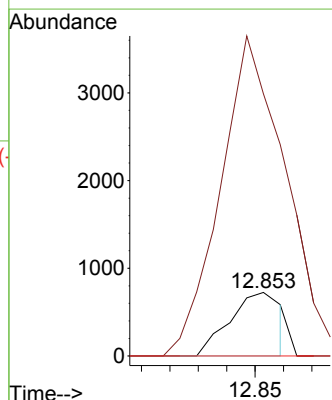
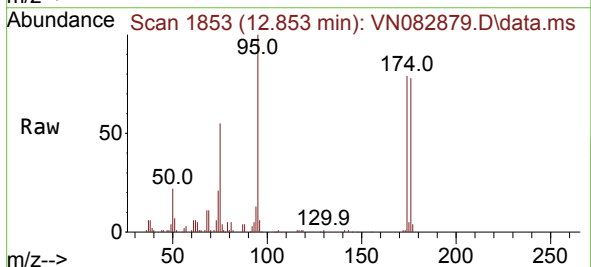
Tgt Ion:173 Resp: 920

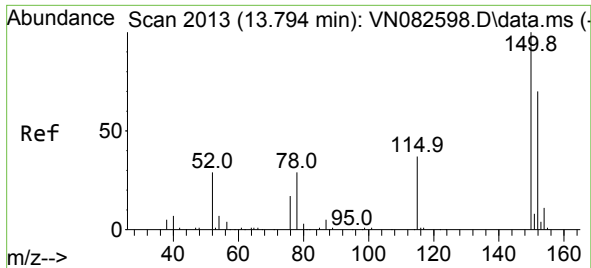
Ion Ratio Lower Upper

173 100

175 536.7 24.0 72.0#

254 0.0 0.0 0.0

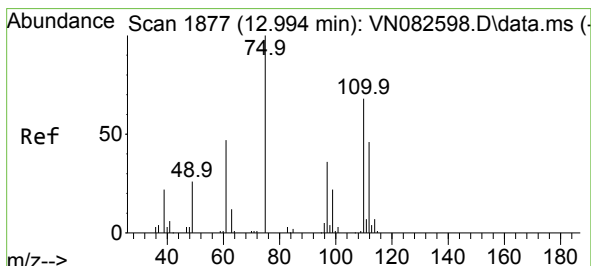
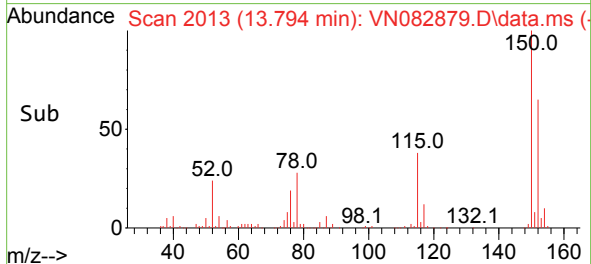
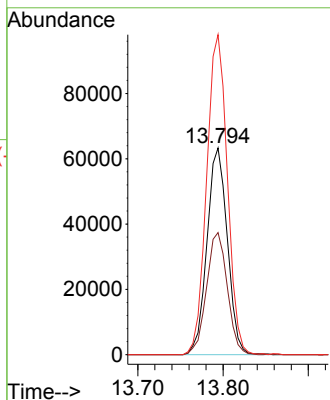
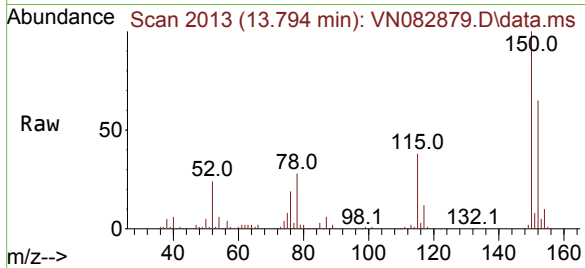




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082879.D
 Acq: 11 Jul 2024 16:20

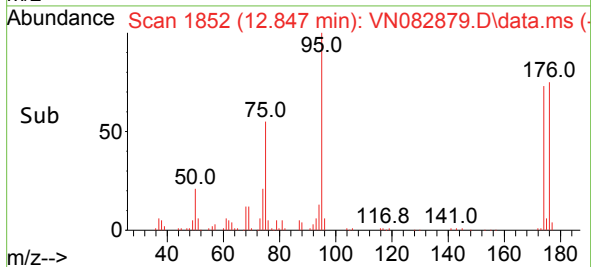
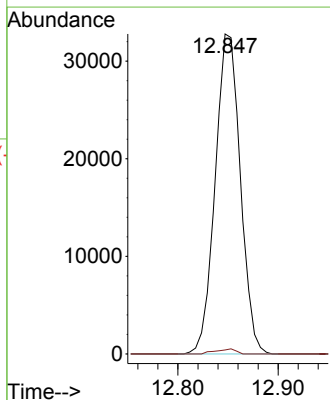
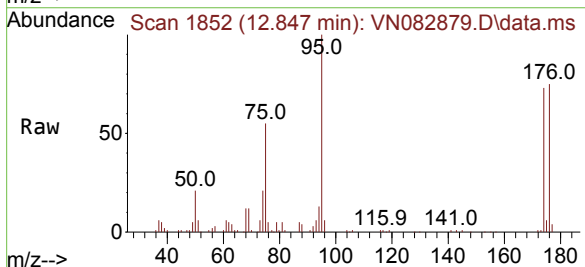
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

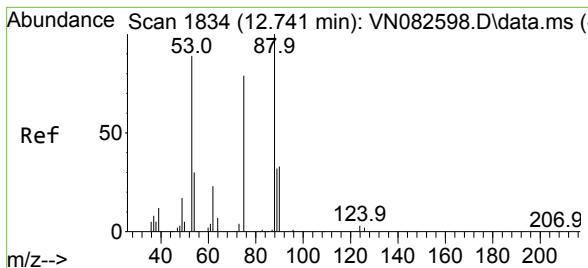
Tgt Ion:152 Resp: 105063
 Ion Ratio Lower Upper
 152 100
 115 60.3 30.6 91.6
 150 157.2 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 31.461 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN082879.D
 Acq: 11 Jul 2024 16:20

Tgt Ion: 75 Resp: 56986
 Ion Ratio Lower Upper
 75 100
 77 1.3 110.9 332.6#

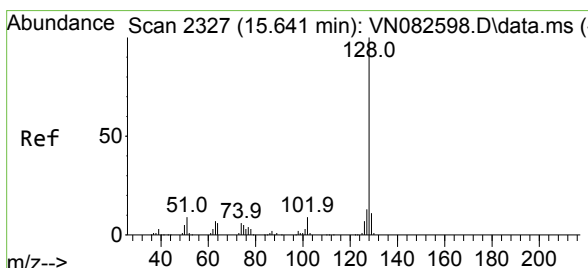
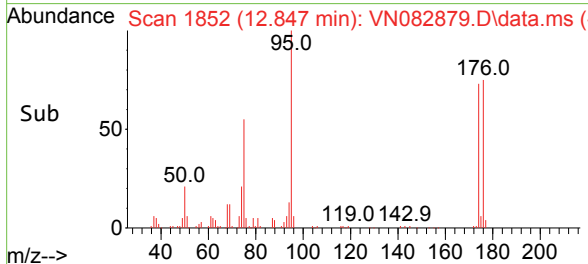
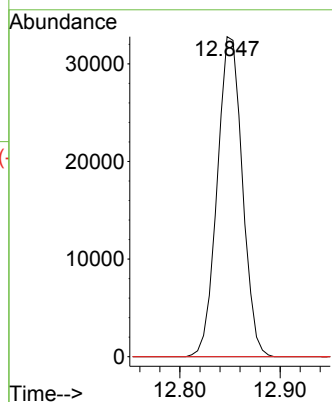
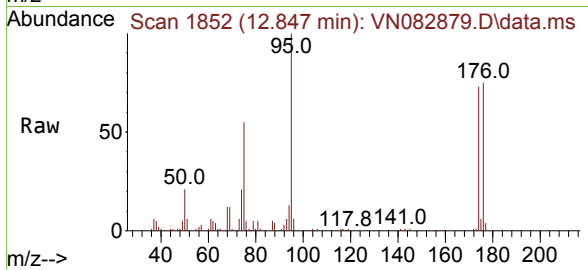




#81
trans-1,4-Dichloro-2-butene
Concen: 61.874 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 56986
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#



#95
Naphthalene
Concen: 0.233 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082879.D
Acq: 11 Jul 2024 16:20

Tgt Ion: 128 Resp: 1486
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 12.8#

