

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031824\
 Data File : VN081458.D
 Acq On : 18 Mar 2024 18:50
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 19 06:01:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

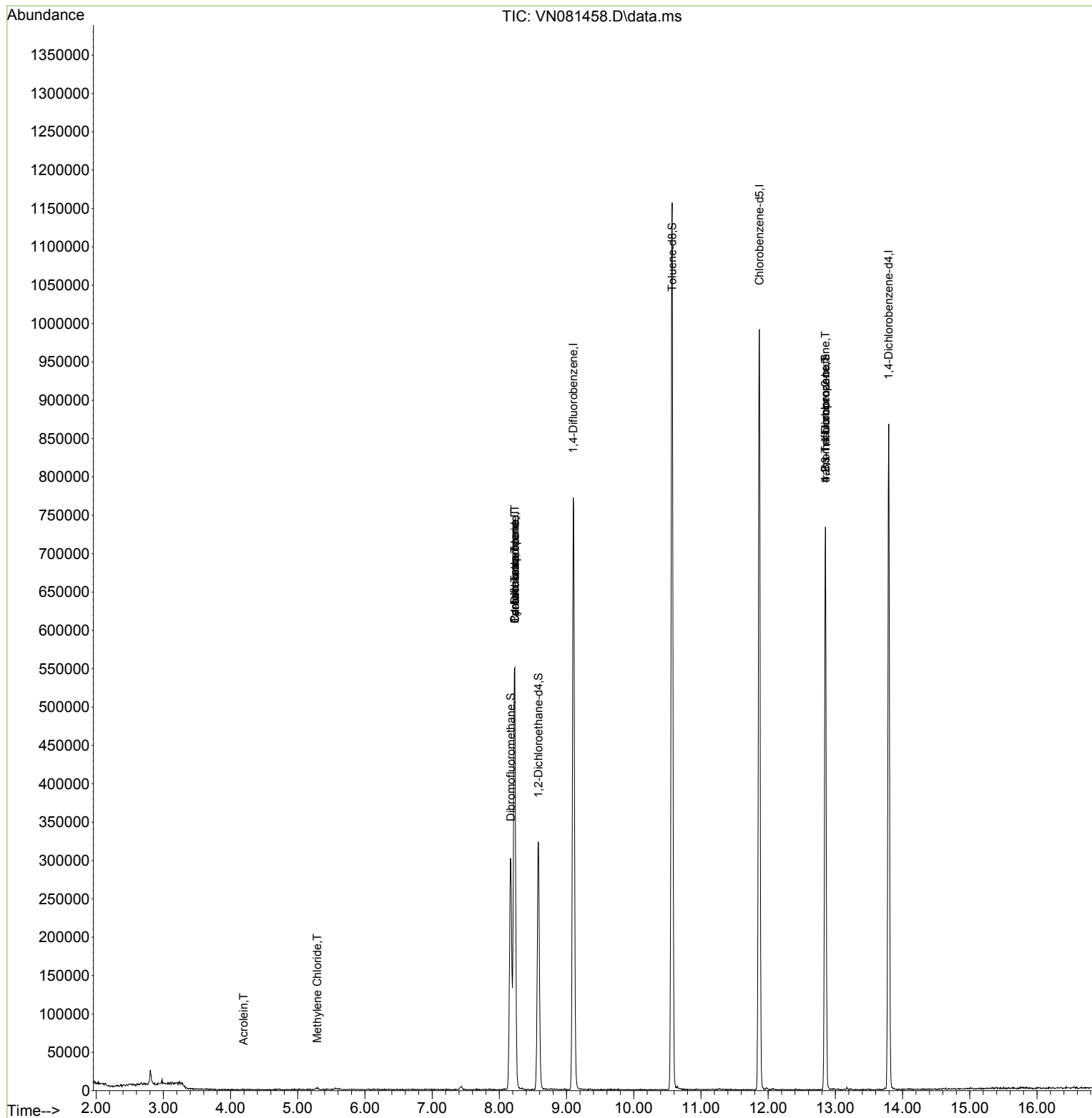
Internal Standards						
1) Pentafluorobenzene	8.230	168	403032	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	681919	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	603117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	226040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	257560	50.112	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.220%		
35) Dibromofluoromethane	8.171	113	216111	50.216	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.440%		
50) Toluene-d8	10.571	98	804989	51.744	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 103.480%		
62) 4-Bromofluorobenzene	12.853	95	244052	44.521	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 89.040%		
Target Compounds						
						Qvalue
13) Acrolein	4.195	56	372	0.463	ug/l	# 72
20) Methylene Chloride	5.289	84	1329	0.244	ug/l	# 50
31) Cyclohexane	8.230	56	10234	1.224	ug/l	# 1
36) 1,1-Dichloropropene	8.230	75	32958	4.551	ug/l	# 46
38) Carbon Tetrachloride	8.230	117	43530	5.487	ug/l	# 19
76) 1,2,3-Trichloropropane	12.853	75	129480	23.947	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	129480	64.712	ug/l	# 14

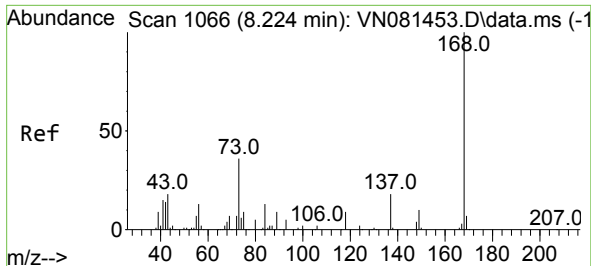
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

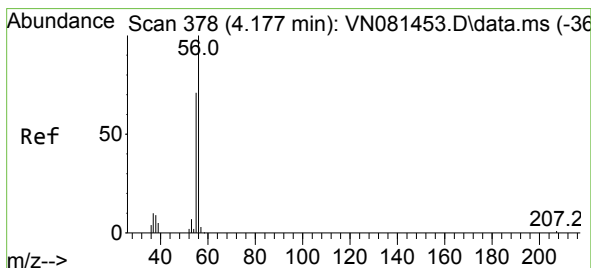
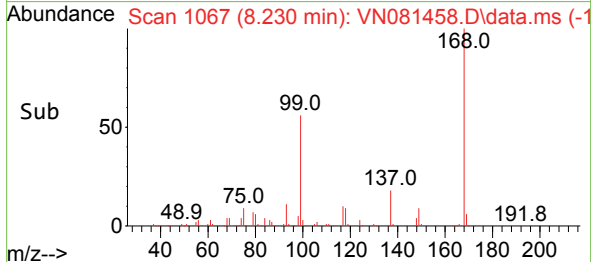
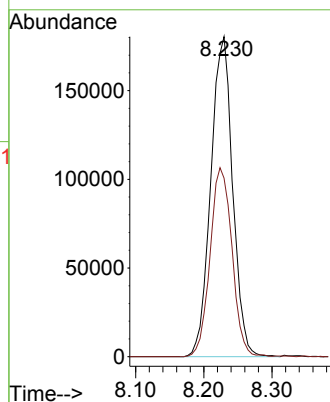
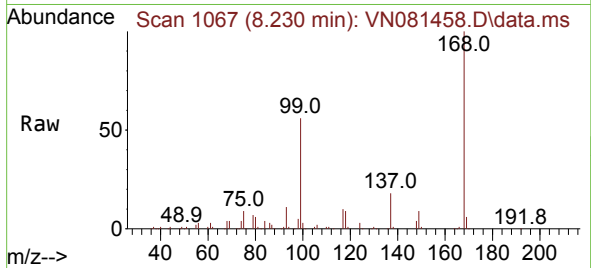




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN081458.D
Acq: 18 Mar 2024 18:50

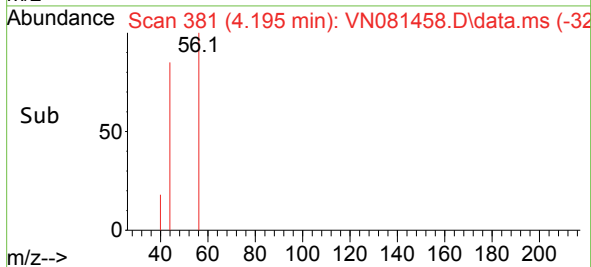
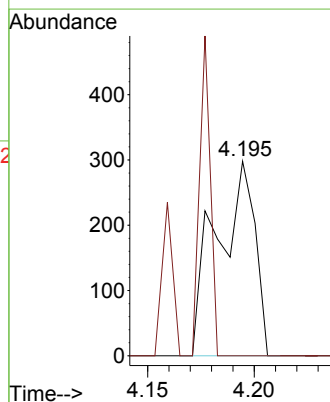
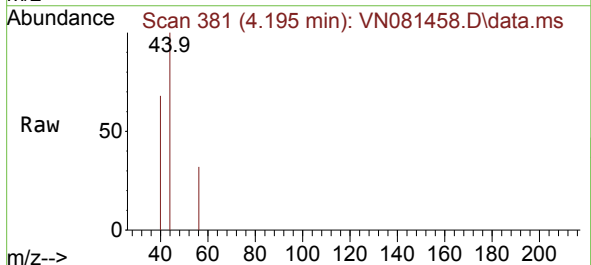
Instrument :
MSVOA_N
ClientSampleId :
IBLK

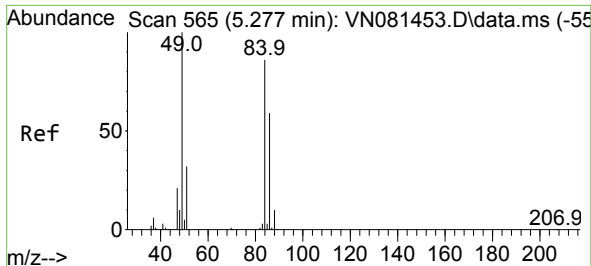
Tgt Ion:168 Resp: 403032
Ion Ratio Lower Upper
168 100
99 55.8 59.9 89.9#



#13
Acrolein
Concen: 0.463 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081458.D
Acq: 18 Mar 2024 18:50

Tgt Ion: 56 Resp: 372
Ion Ratio Lower Upper
56 100
55 46.5 55.3 82.9#

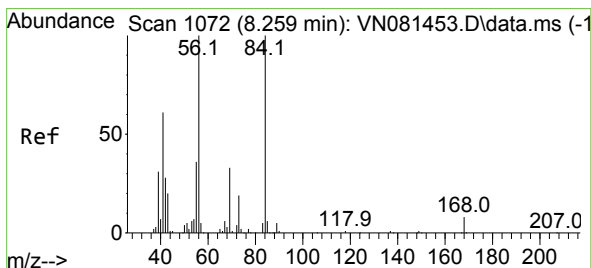
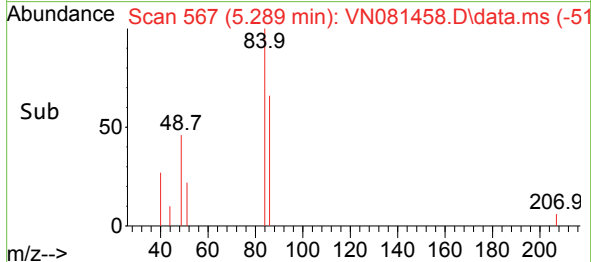
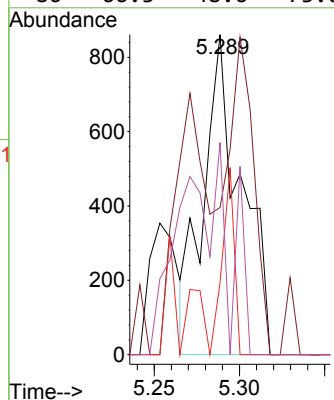
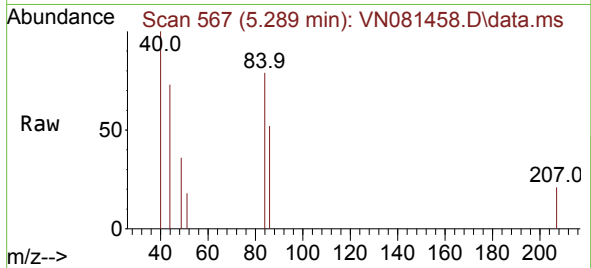




#20
Methylene Chloride
Concen: 0.244 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081458.D
Acq: 18 Mar 2024 18:50

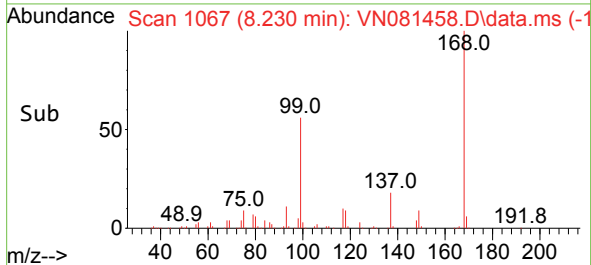
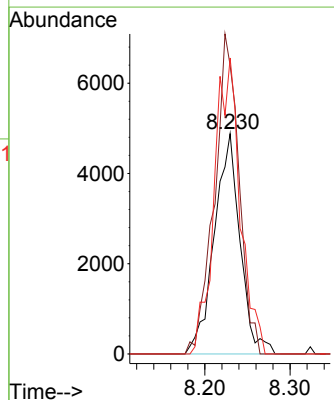
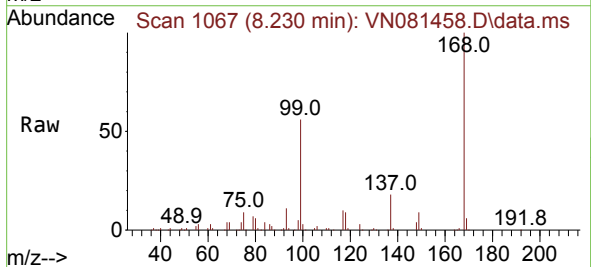
Instrument :
MSVOA_N
ClientSampleId :
IBLK

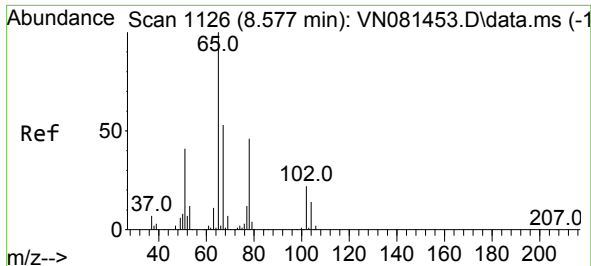
Tgt Ion:	84	Resp:	1329
Ion	Ratio	Lower	Upper
84	100		
49	46.0	108.1	162.1#
51	22.4	32.9	49.3#
86	66.3	48.6	73.0



#31
Cyclohexane
Concen: 1.224 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081458.D
Acq: 18 Mar 2024 18:50

Tgt Ion:	56	Resp:	10234
Ion	Ratio	Lower	Upper
56	100		
69	131.0	20.1	30.1#
84	134.3	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.112 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081458.D

Acq: 18 Mar 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

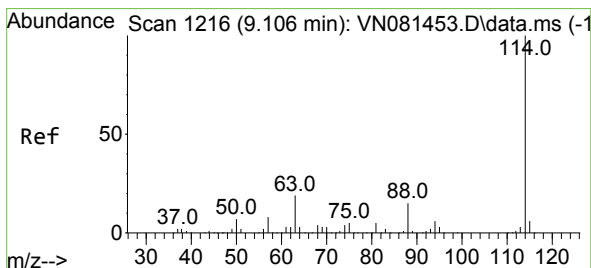
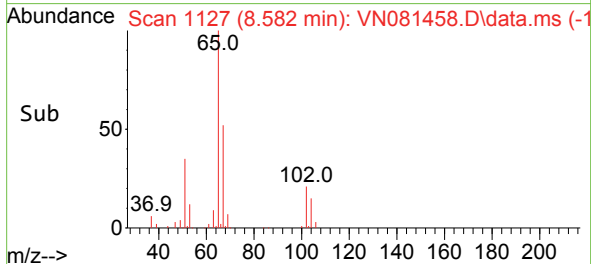
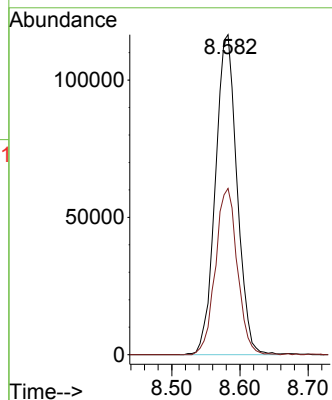
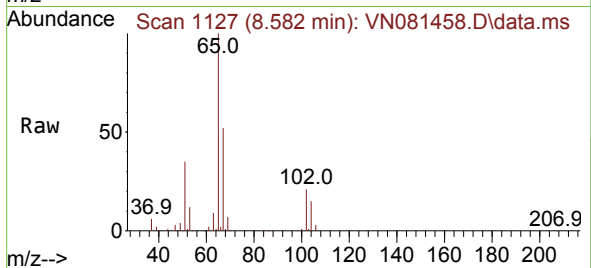
IBLK

Tgt Ion: 65 Resp: 257560

Ion Ratio Lower Upper

65 100

67 52.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081458.D

Acq: 18 Mar 2024 18:50

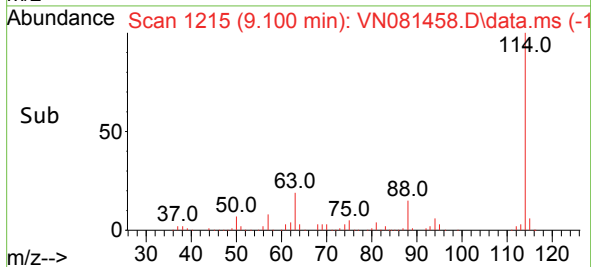
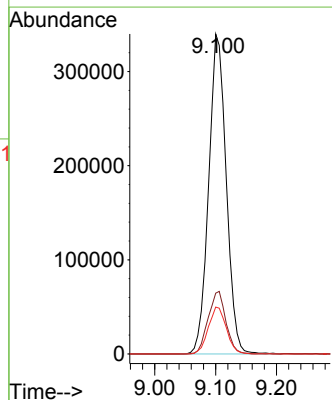
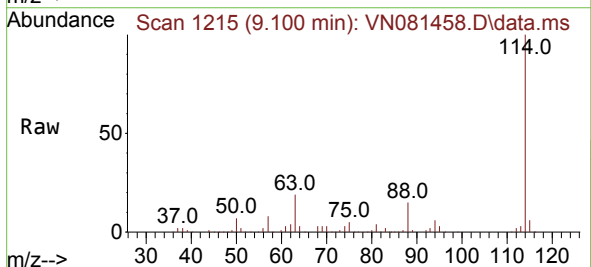
Tgt Ion: 114 Resp: 681919

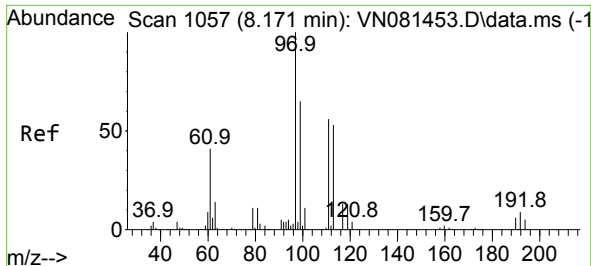
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 14.7 0.0 34.8

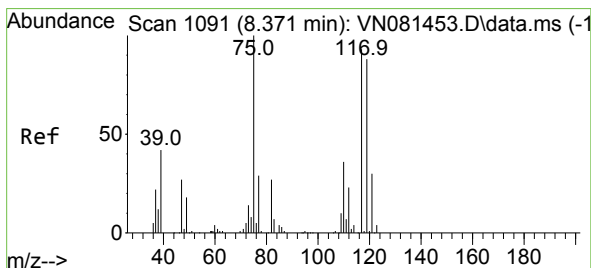
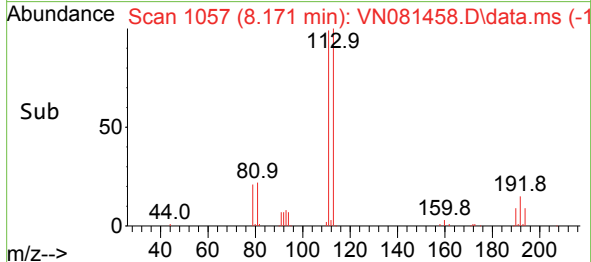
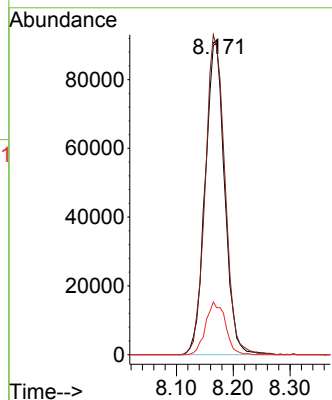
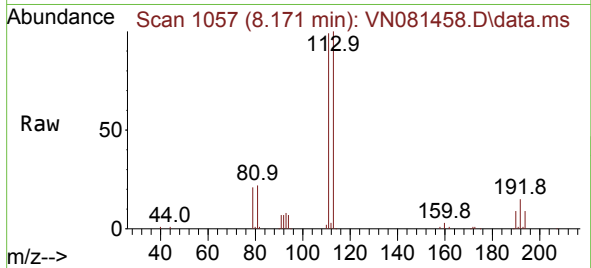




#35
Dibromofluoromethane
Concen: 50.216 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081458.D
Acq: 18 Mar 2024 18:50

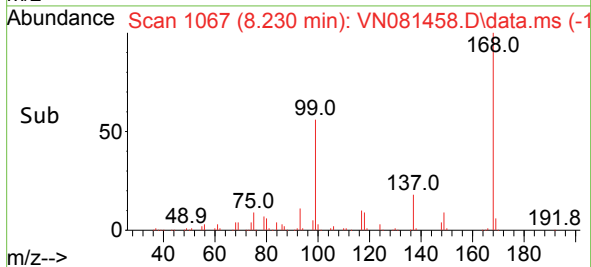
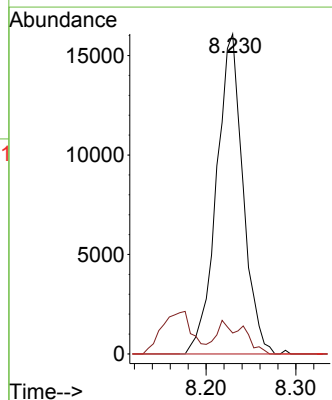
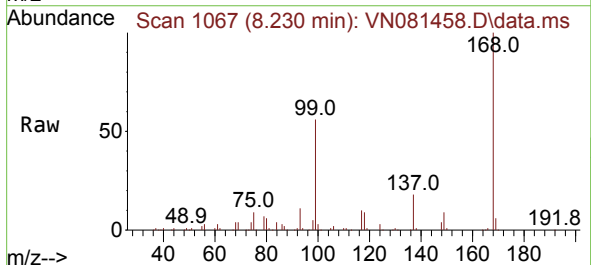
Instrument :
MSVOA_N
ClientSampleId :
IBLK

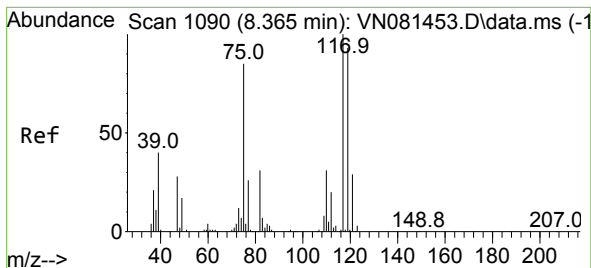
Tgt Ion:113 Resp: 216111
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 17.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.551 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081458.D
Acq: 18 Mar 2024 18:50

Tgt Ion: 75 Resp: 32958
Ion Ratio Lower Upper
75 100
110 3.5 16.0 48.0#
77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.487 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN081458.D

Acq: 18 Mar 2024 18:50

Instrument :

MSVOA_N

ClientSampleId :

IBLK

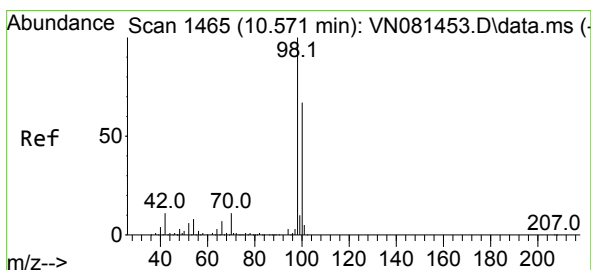
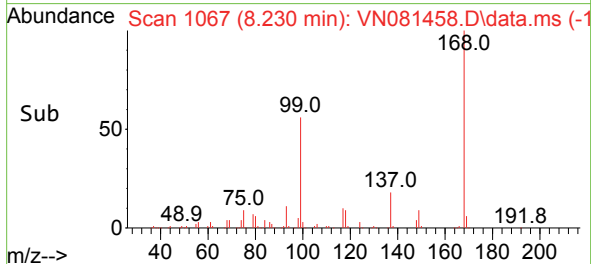
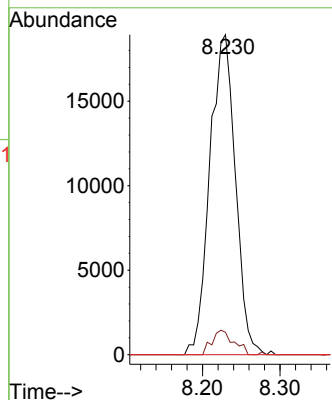
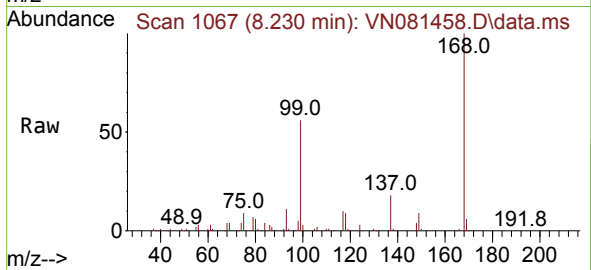
Tgt Ion:117 Resp: 43530

Ion Ratio Lower Upper

117 100

119 7.0 73.4 110.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 51.744 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081458.D

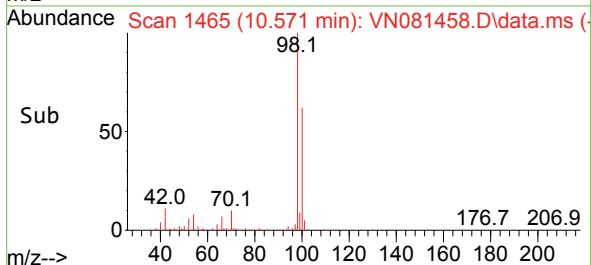
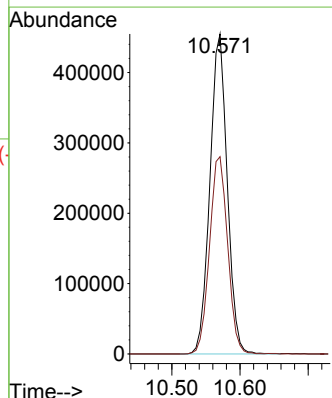
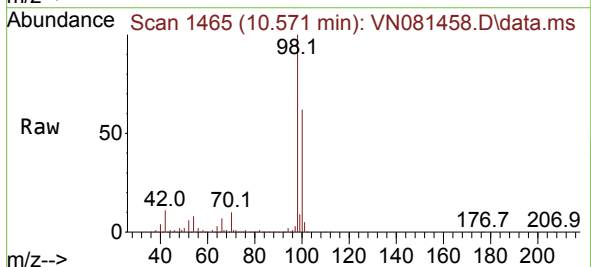
Acq: 18 Mar 2024 18:50

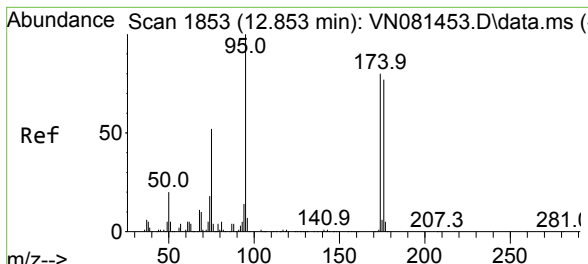
Tgt Ion: 98 Resp: 804989

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

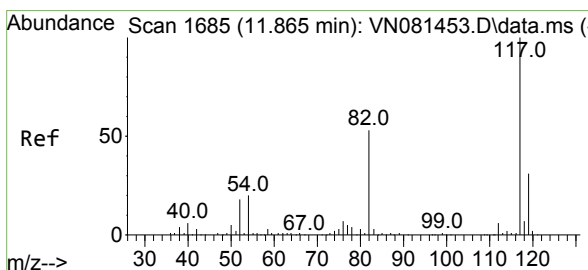
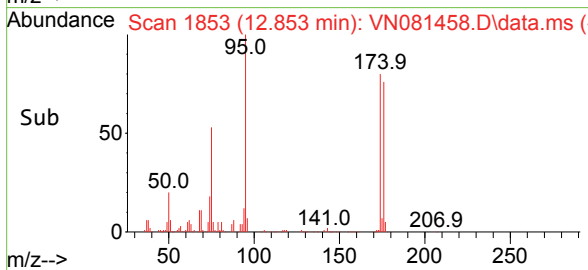
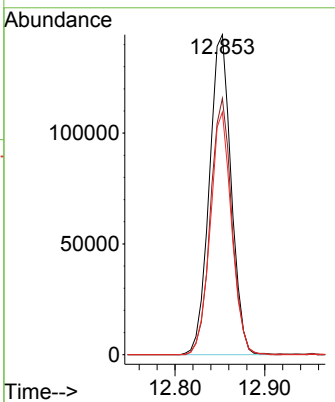
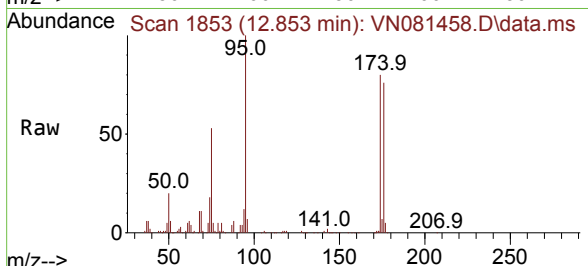




#62
 4-Bromofluorobenzene
 Concen: 44.521 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: VN081458.D
 Acq: 18 Mar 2024 18:50

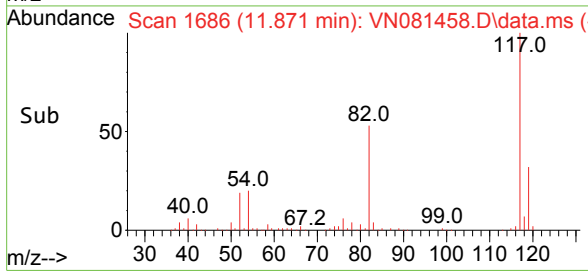
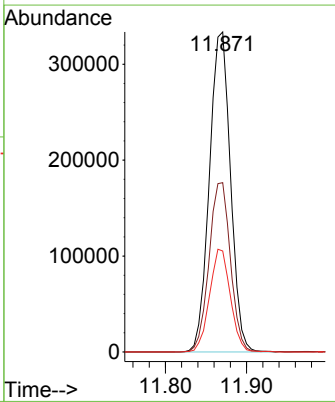
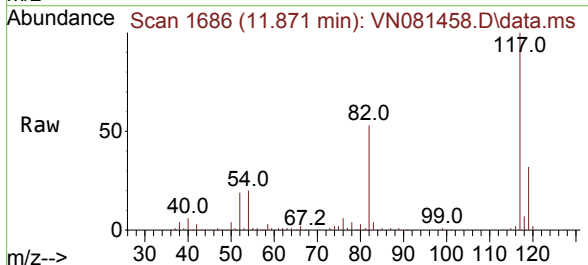
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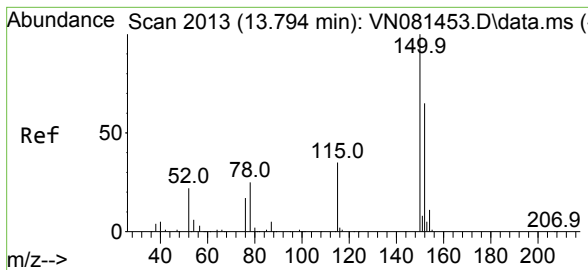
Tgt Ion:	95	Resp:	244052
Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	120.4
176	74.1	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.871 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN081458.D
 Acq: 18 Mar 2024 18:50

Tgt Ion:	117	Resp:	603117
Ion	Ratio	Lower	Upper
117	100		
82	52.9	52.7	79.1
119	31.5	25.3	37.9

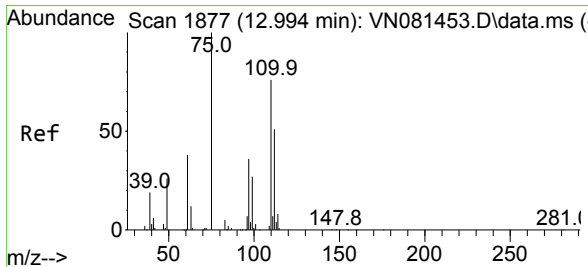
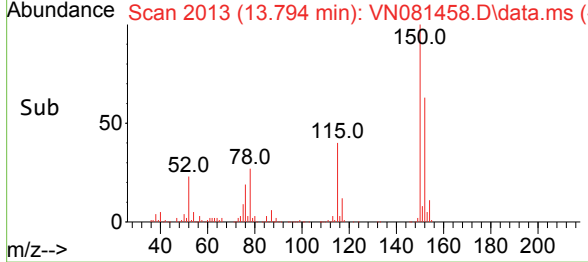
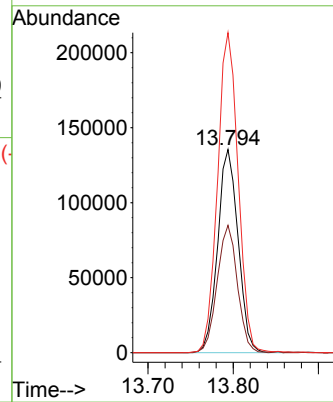
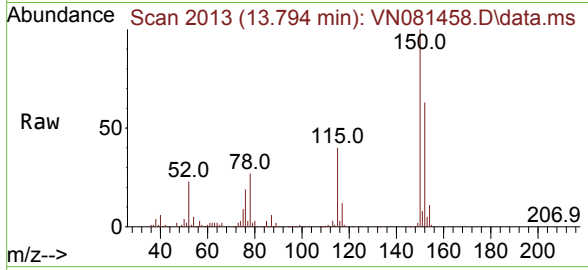




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081458.D
 Acq: 18 Mar 2024 18:50

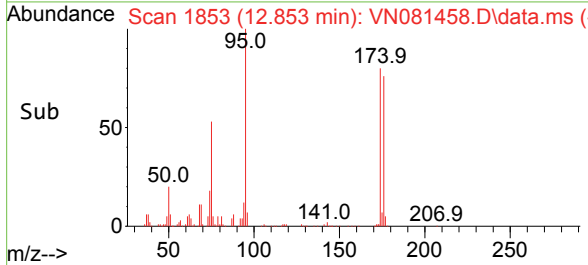
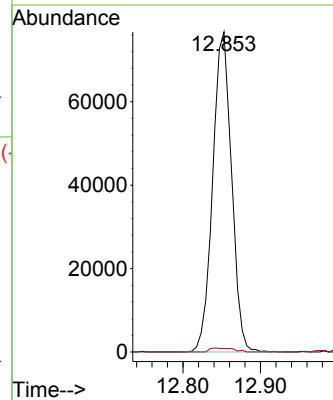
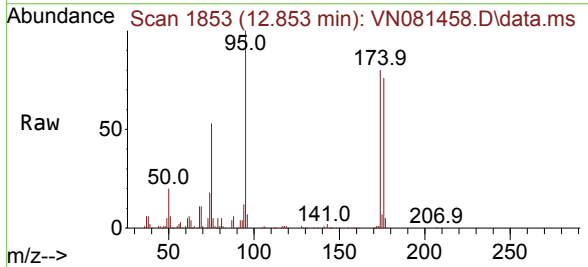
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

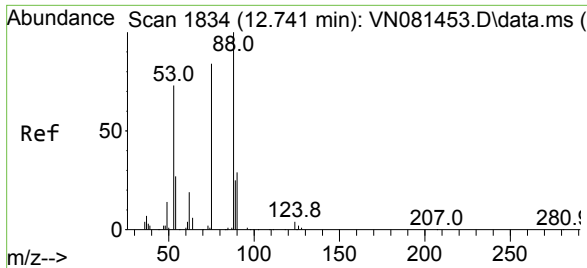
Tgt Ion:152 Resp: 226040
 Ion Ratio Lower Upper
 152 100
 115 62.1 32.3 96.8
 150 159.3 0.0 339.8



#76
 1,2,3-Trichloropropane
 Concen: 23.947 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081458.D
 Acq: 18 Mar 2024 18:50

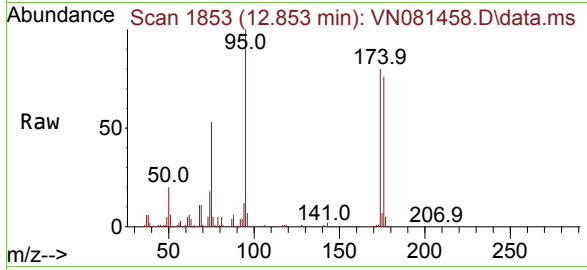
Tgt Ion: 75 Resp: 129480
 Ion Ratio Lower Upper
 75 100
 77 1.6 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.712 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081458.D
 Acq: 18 Mar 2024 18:50

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 129480
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#

