

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030524\
 Data File : VN081310.D
 Acq On : 05 Mar 2024 14:48
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 06 03:18:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

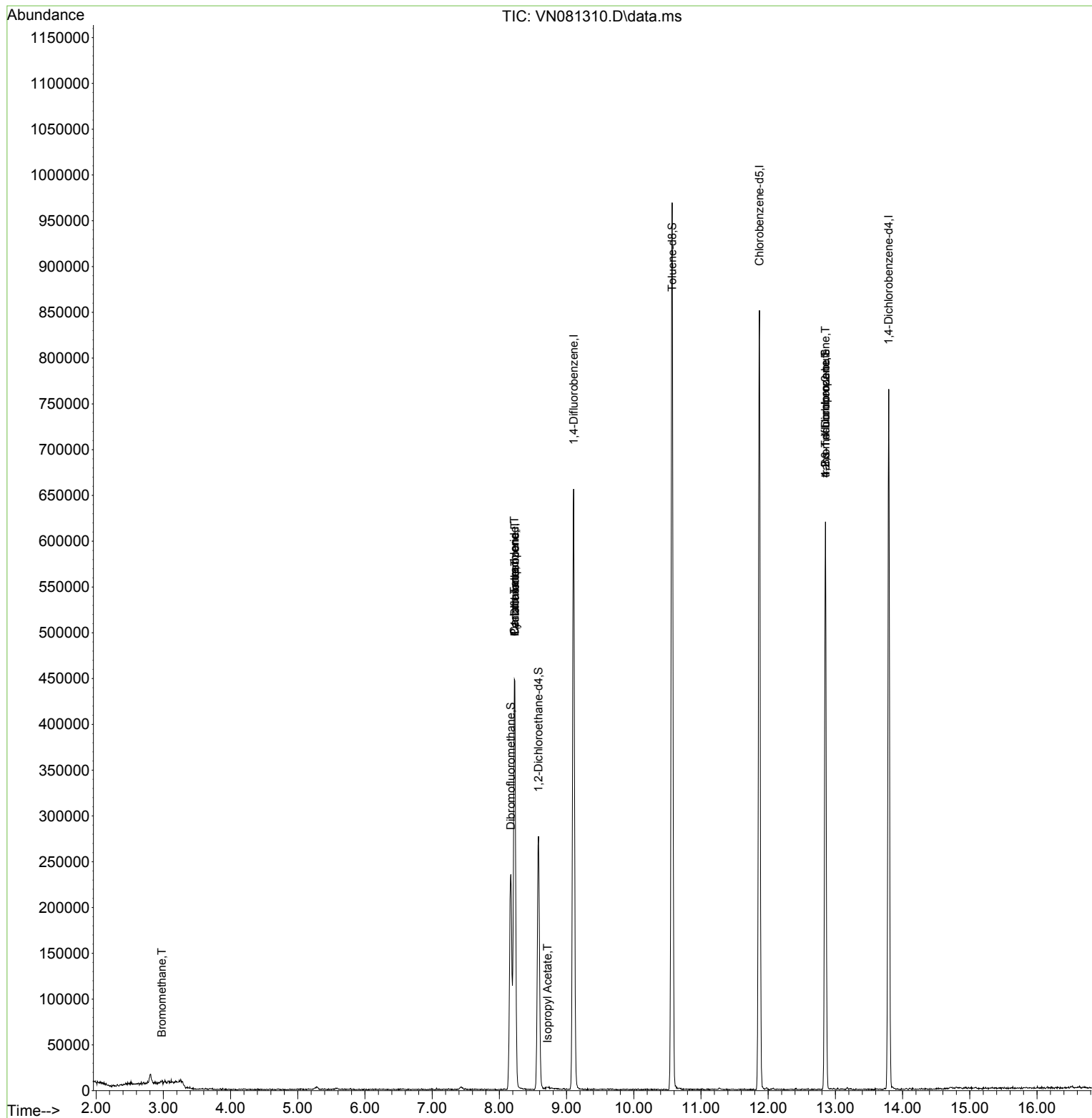
Internal Standards						
1) Pentafluorobenzene	8.230	168	310614	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	547654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	479256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226016	50.325	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.640%			
35) Dibromofluoromethane	8.171	113	170885	50.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	10.571	98	660749	52.679	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.360%			
62) 4-Bromofluorobenzene	12.853	95	208581	47.050	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 94.100%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	1179	0.380	ug/l #	69
20) Methylene Chloride	5.289	84	1127	Below Cal	#	32
31) Cyclohexane	8.230	56	8145	1.198	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	28152	5.201	ug/l #	52
38) Carbon Tetrachloride	8.224	117	35429	6.503	ug/l #	17
43) Isopropyl Acetate	8.718	43	2016	0.218	ug/l #	57
76) 1,2,3-Trichloropropane	12.853	75	117337	26.706	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	117337	74.532	ug/l #	14

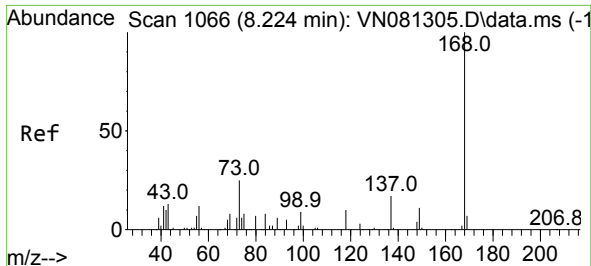
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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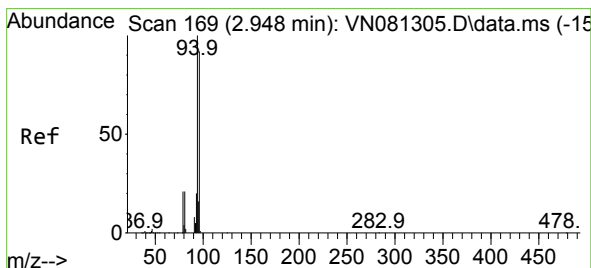
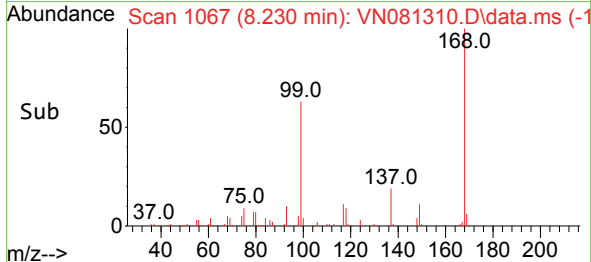
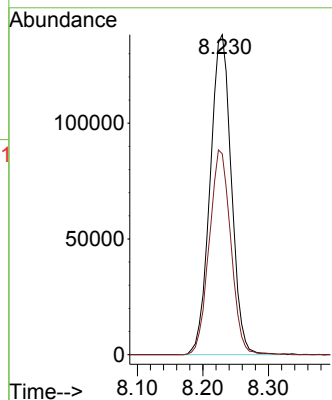
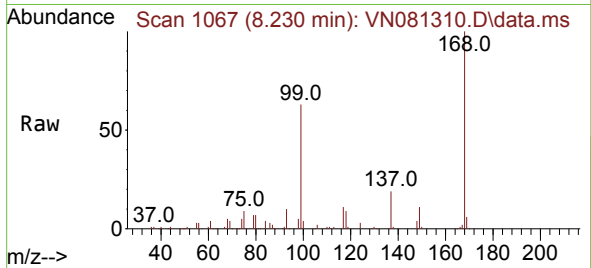




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

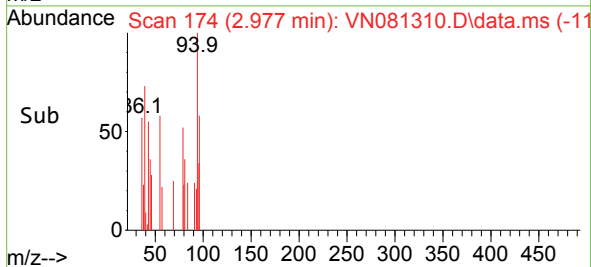
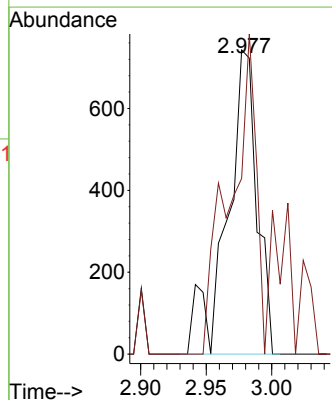
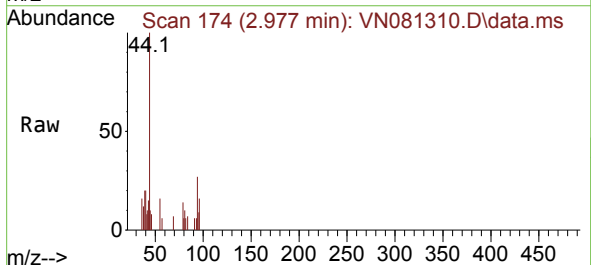
Instrument :
MSVOA_N
ClientSampleId :
IBLK

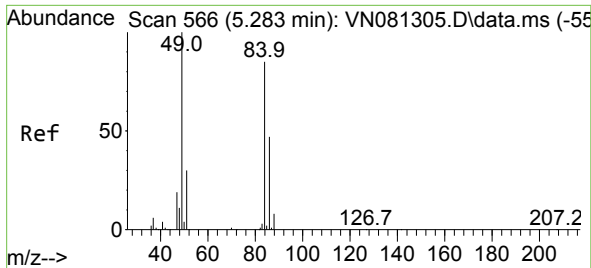
Tgt Ion:168 Resp: 310614
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9



#5
Bromomethane
Concen: 0.380 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.029 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion: 94 Resp: 1179
Ion Ratio Lower Upper
94 100
96 57.7 69.2 103.8#

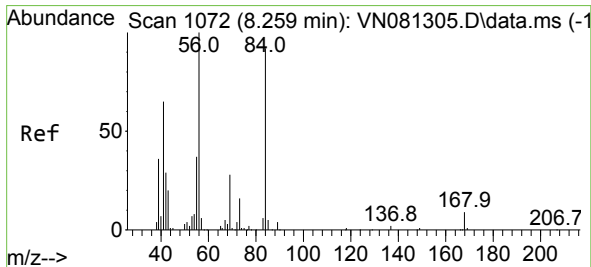
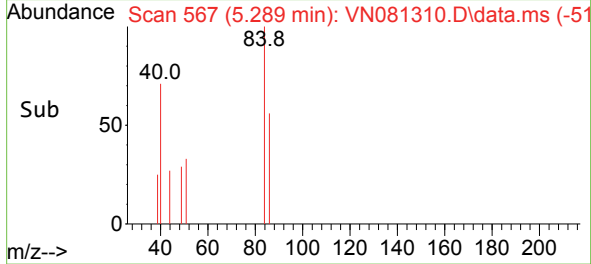
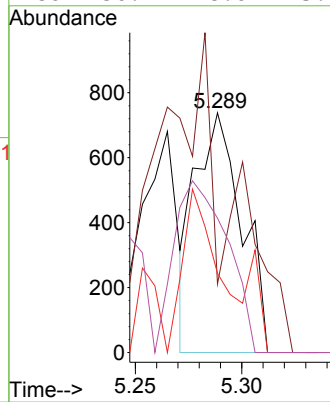
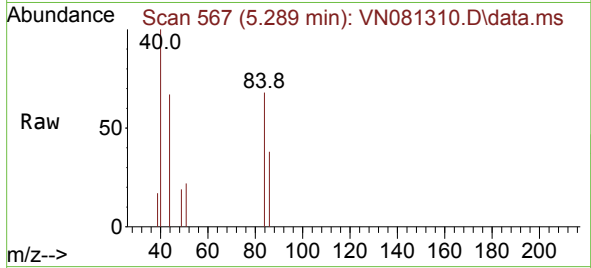




#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

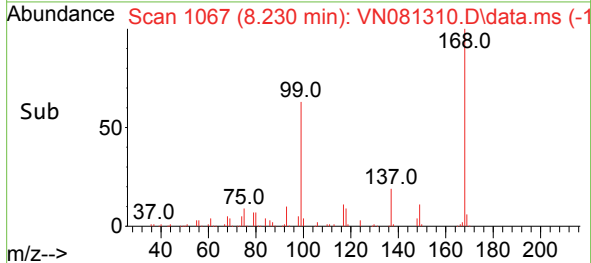
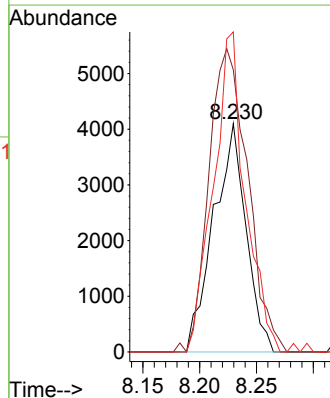
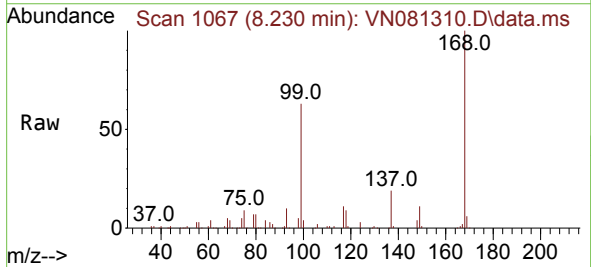
Instrument :
MSVOA_N
ClientSampleId :
IBLK

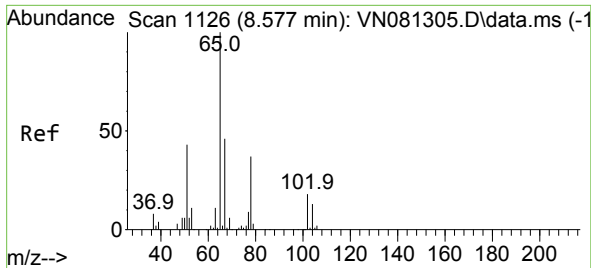
Tgt Ion:	84	Resp:	1127
Ion	Ratio	Lower	Upper
84	100		
49	0.0	108.1	162.1#
51	33.1	32.9	49.3
86	56.1	48.6	73.0



#31
Cyclohexane
Concen: 1.198 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion:	56	Resp:	8145
Ion	Ratio	Lower	Upper
56	100		
69	119.6	20.1	30.1#
84	140.1	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.325 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081310.D

Acq: 05 Mar 2024 14:48

Instrument :

MSVOA_N

ClientSampleId :

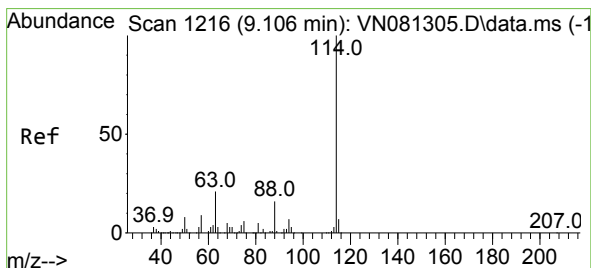
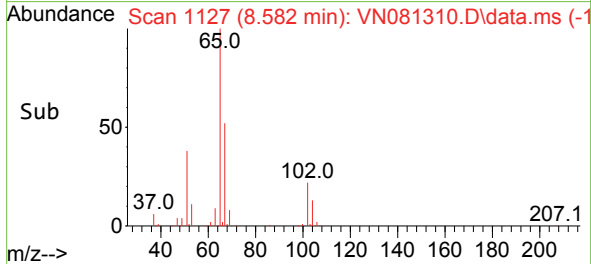
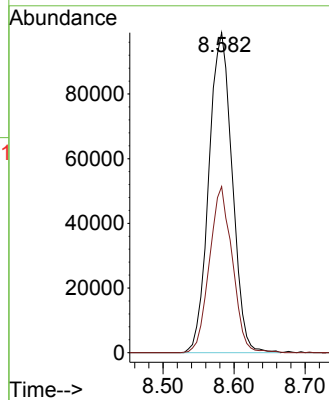
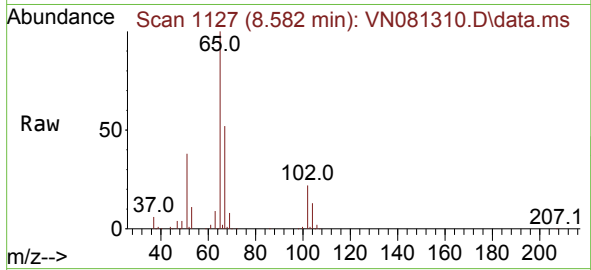
IBLK

Tgt Ion: 65 Resp: 226016

Ion Ratio Lower Upper

65 100

67 50.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081310.D

Acq: 05 Mar 2024 14:48

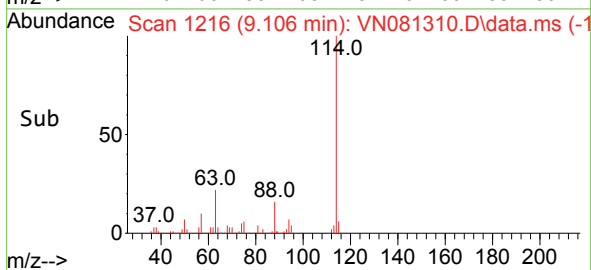
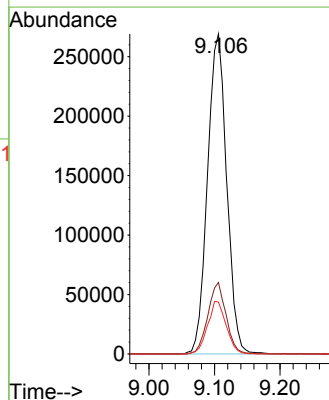
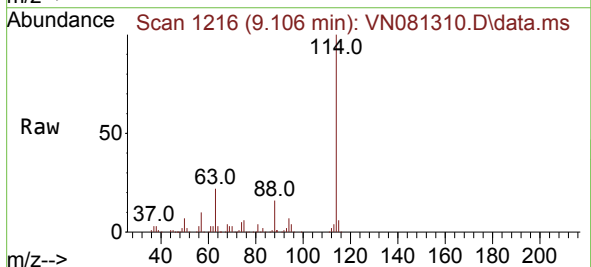
Tgt Ion:114 Resp: 547654

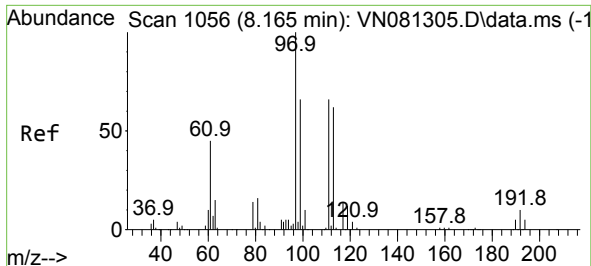
Ion Ratio Lower Upper

114 100

63 22.4 0.0 48.0

88 16.2 0.0 34.8

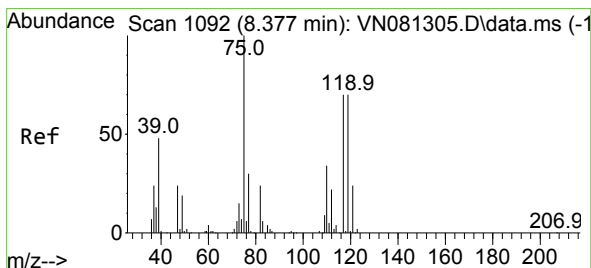
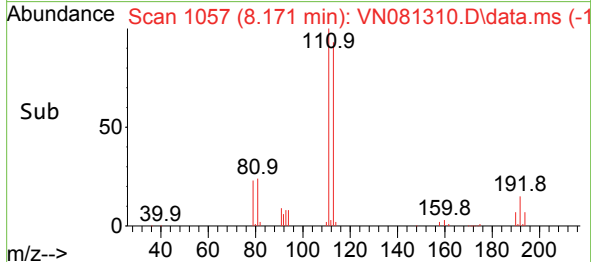
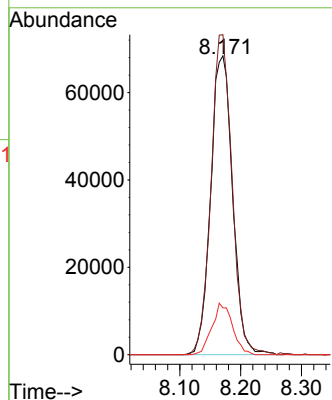
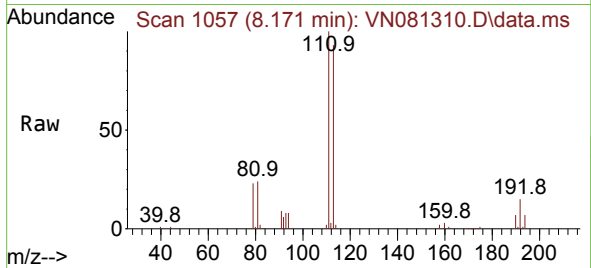




#35
Dibromofluoromethane
Concen: 50.930 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

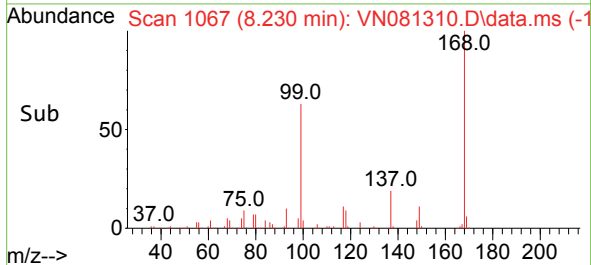
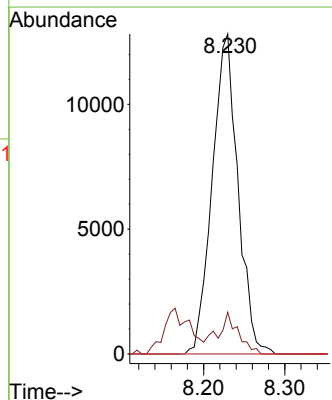
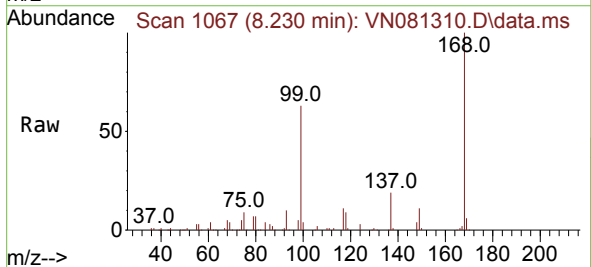
Instrument :
MSVOA_N
ClientSampleId :
IBLK

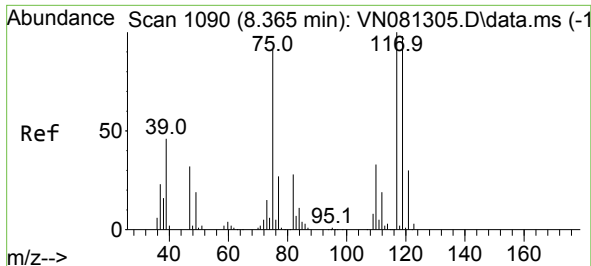
Tgt Ion:113 Resp: 170885
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 16.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 5.201 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

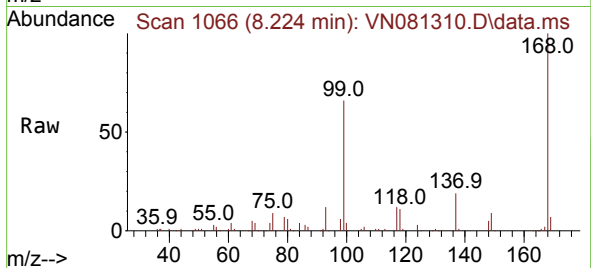
Tgt Ion: 75 Resp: 28152
Ion Ratio Lower Upper
75 100
110 10.5 16.0 48.0#
77 0.0 25.8 38.6#



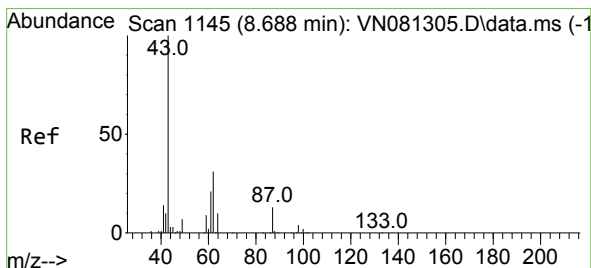
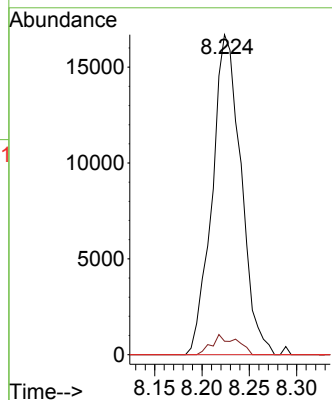
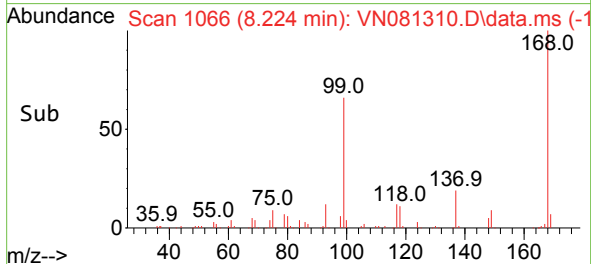


#38
Carbon Tetrachloride
Concen: 6.503 ug/l
RT: 8.224 min Scan# 1150
Delta R.T. -0.141 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
IBLK

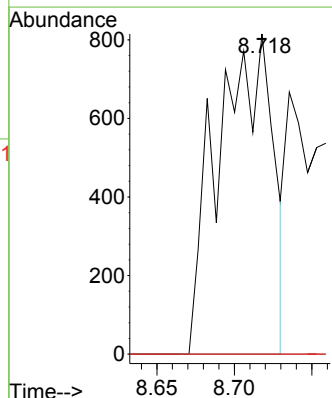
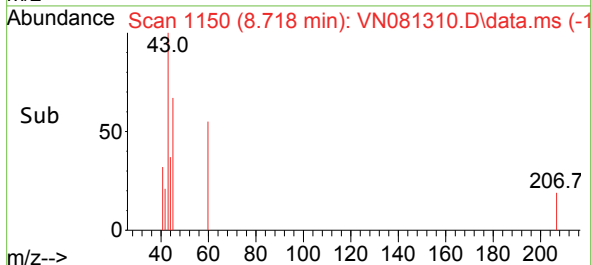
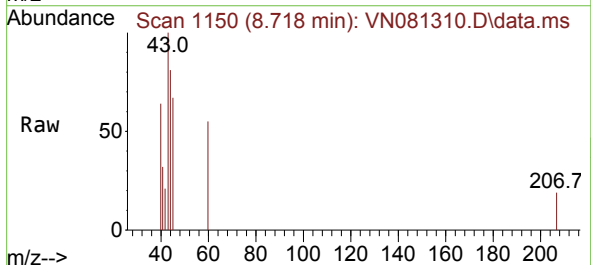


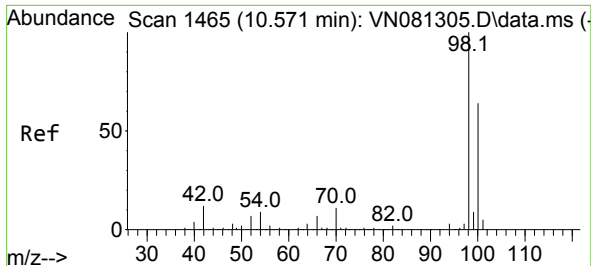
Tgt Ion:117 Resp: 35429
Ion Ratio Lower Upper
117 100
119 4.2 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.218 ug/l
RT: 8.718 min Scan# 1150
Delta R.T. 0.029 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion: 43 Resp: 2016
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#

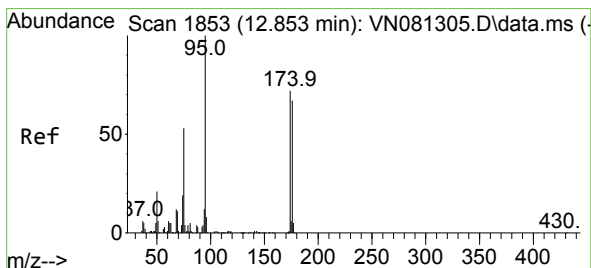
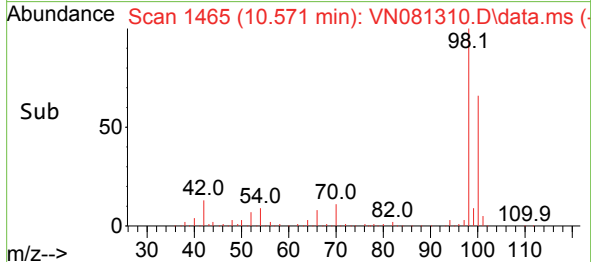
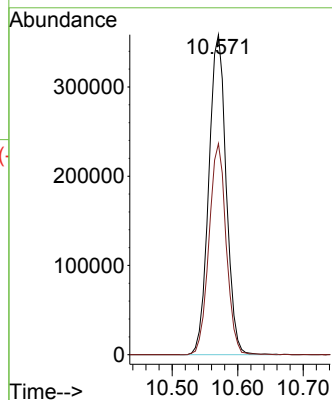
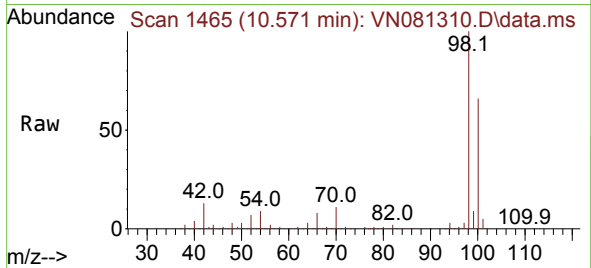




#50
Toluene-d8
Concen: 52.679 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

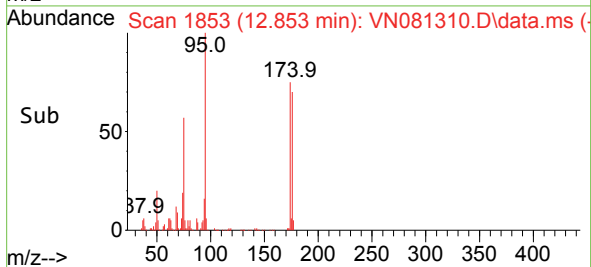
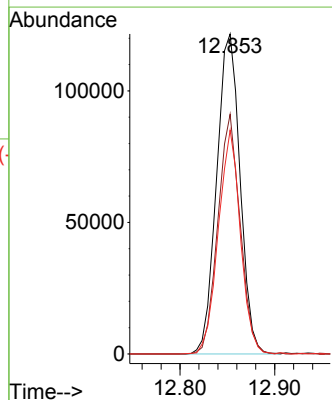
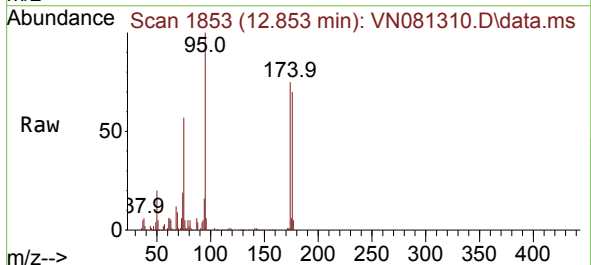
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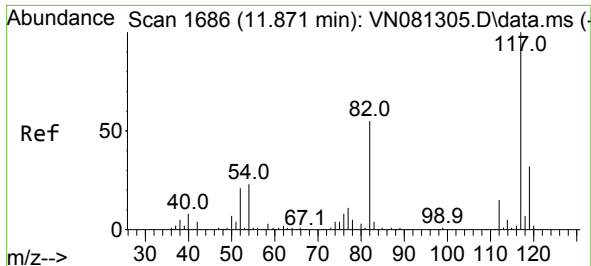
Tgt Ion: 98 Resp: 660749
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 47.050 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion: 95 Resp: 208581
Ion Ratio Lower Upper
95 100
174 71.4 0.0 120.4
176 66.0 0.0 121.0

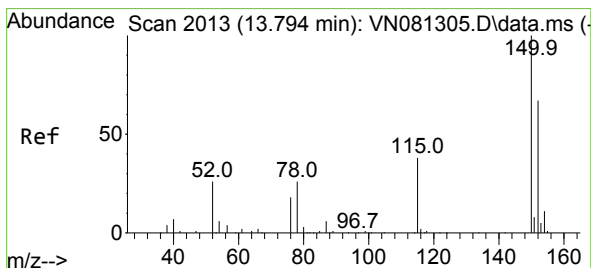
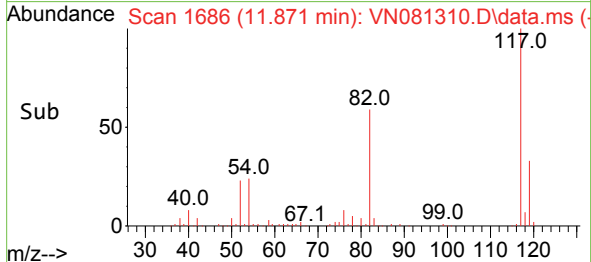
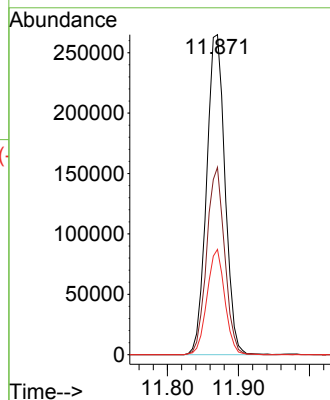
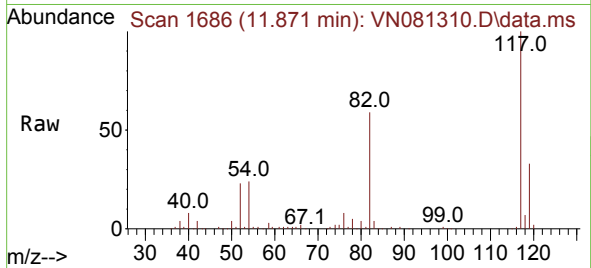




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

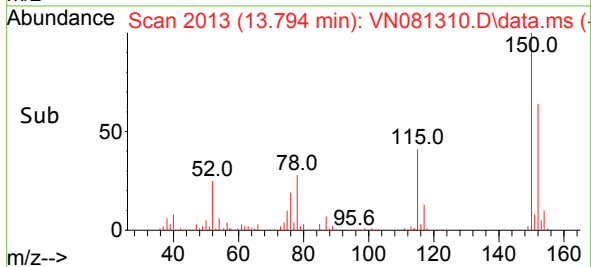
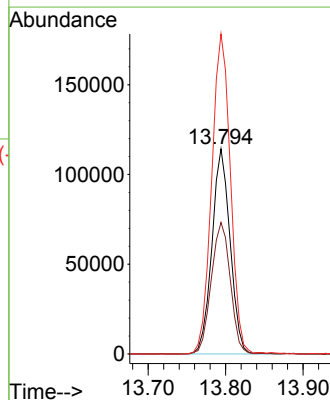
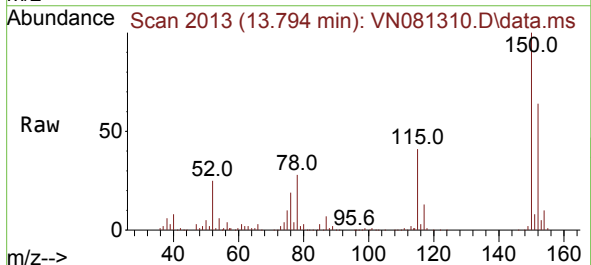
Instrument :
MSVOA_N
ClientSampleId :
IBLK

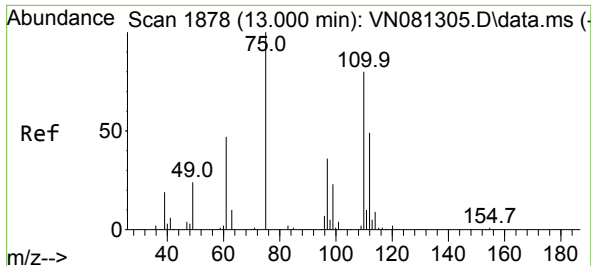
Tgt Ion:117 Resp: 479256
Ion Ratio Lower Upper
117 100
82 58.6 52.7 79.1
119 32.9 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion:152 Resp: 186015
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 161.2 0.0 339.8

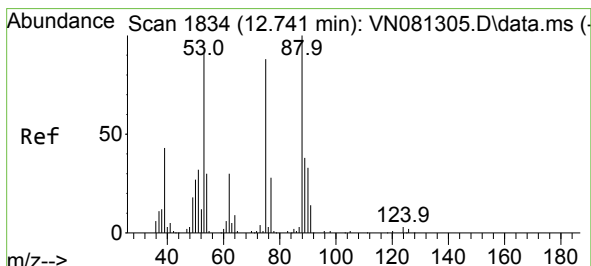
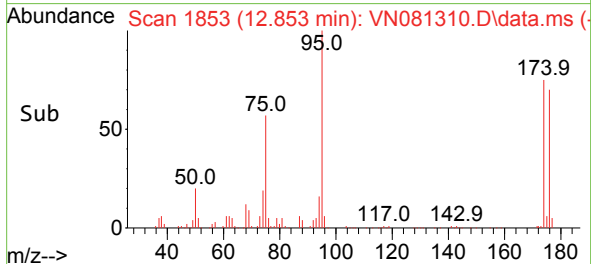
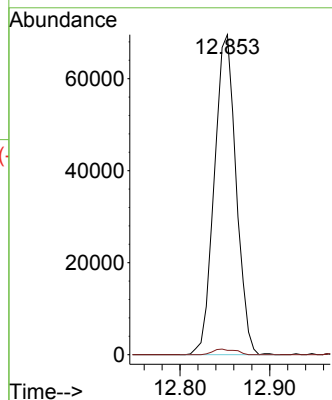
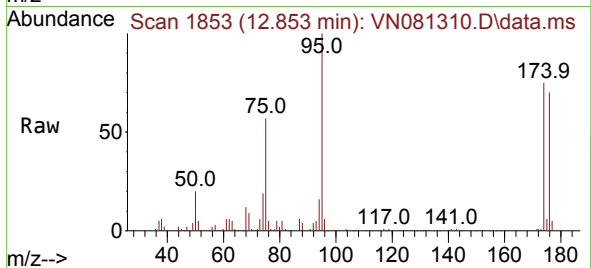




#76
1,2,3-Trichloropropane
Concen: 26.706 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 117337
Ion Ratio Lower Upper
75 100
77 1.8 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.532 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081310.D
Acq: 05 Mar 2024 14:48

Tgt Ion: 75 Resp: 117337
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

