

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021624\
 Data File : VN081061.D
 Acq On : 16 Feb 2024 18:30
 Operator : JC\MD
 Sample : P1519-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Feb 16 23:50:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

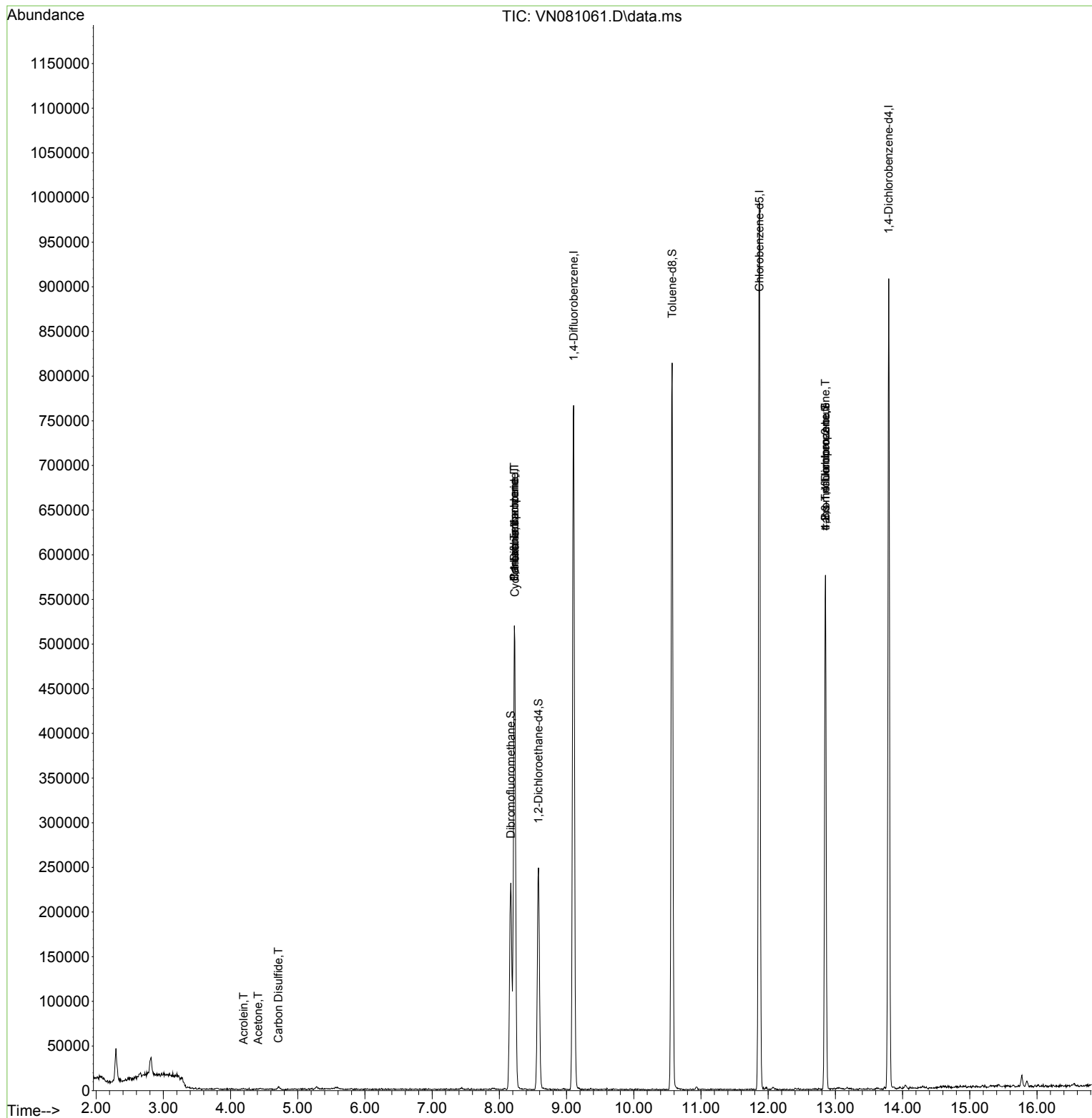
Internal Standards						
1) Pentafluorobenzene	8.224	168	368177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	671436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	586697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	235426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	201719	44.699	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.400%		
35) Dibromofluoromethane	8.171	113	166833	43.941	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.880%		
50) Toluene-d8	10.571	98	557172	41.318	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	82.640%#		
62) 4-Bromofluorobenzene	12.853	95	201435	39.754	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	79.500%#		
Target Compounds						
3) Chloromethane	2.365	50	3056	Below Cal	Qvalue 100	
6) Chloroethane	3.024	64	1914	Below Cal	# 54	
13) Acrolein	4.195	56	1038	2.334	ug/l 92	
16) Acetone	4.412	43	671	0.378	ug/l # 44	
17) Carbon Disulfide	4.712	76	2540	0.219	ug/l # 78	
20) Methylene Chloride	5.277	84	1251	Below Cal	# 64	
31) Cyclohexane	8.230	56	8295	1.065	ug/l # 1	
36) 1,1-Dichloropropene	8.224	75	30641	4.711	ug/l # 51	
38) Carbon Tetrachloride	8.224	117	41402	6.291	ug/l # 16	
49) 1,4-Dioxane	9.694	88	275	Below Cal	# 43	
76) 1,2,3-Trichloropropane	12.853	75	105252	19.677	ug/l # 1	
81) trans-1,4-Dichloro-2-b...	12.853	75	105252	50.647	ug/l # 14	

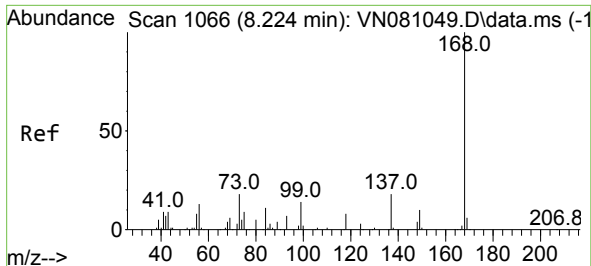
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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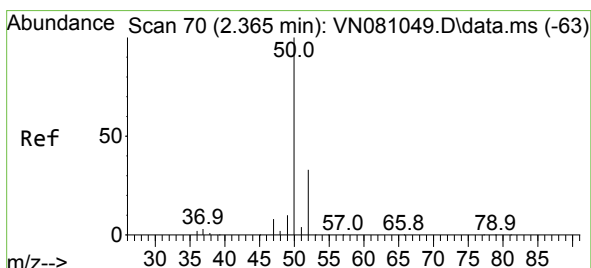
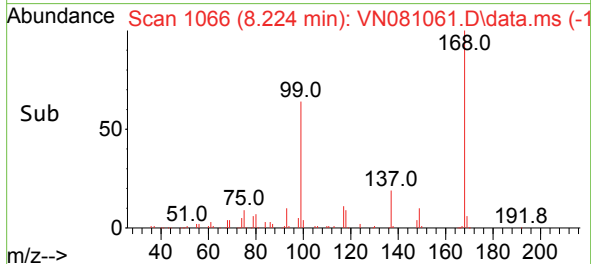
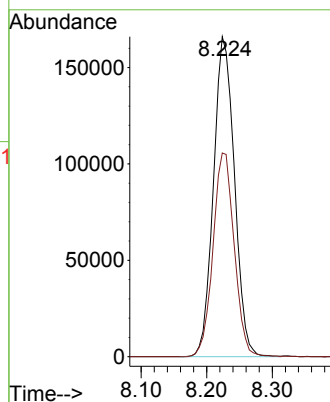
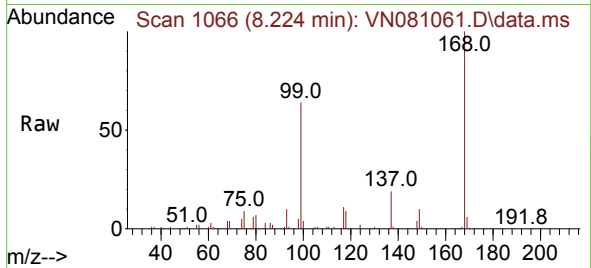




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

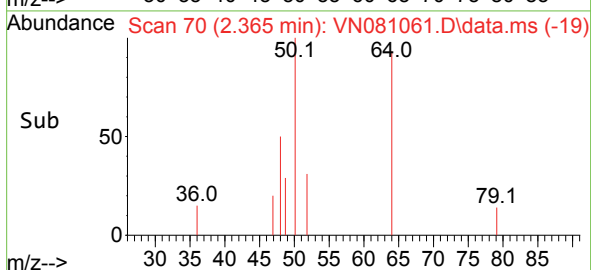
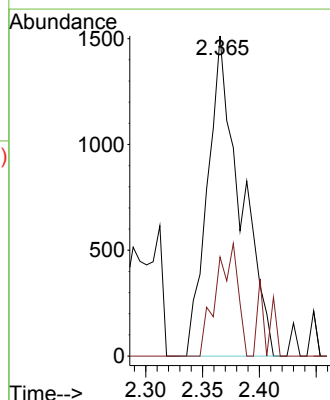
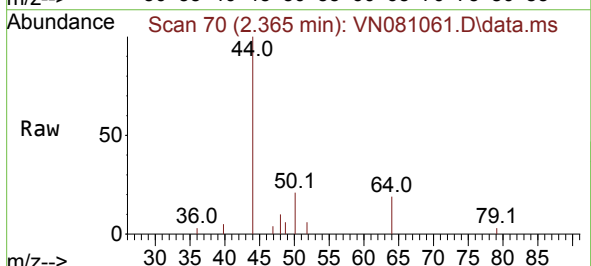
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

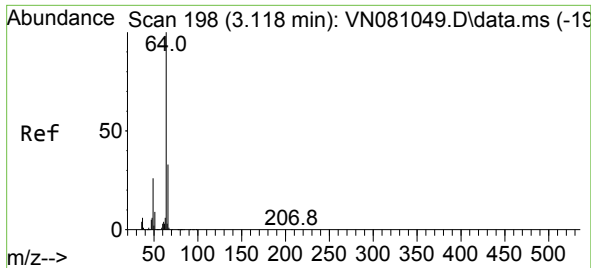
Tgt Ion:168 Resp: 368177
Ion Ratio Lower Upper
168 100
99 63.6 59.9 89.9



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion: 50 Resp: 3056
Ion Ratio Lower Upper
50 100
52 30.9 25.0 37.4

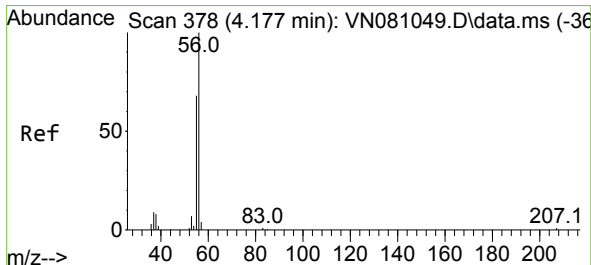
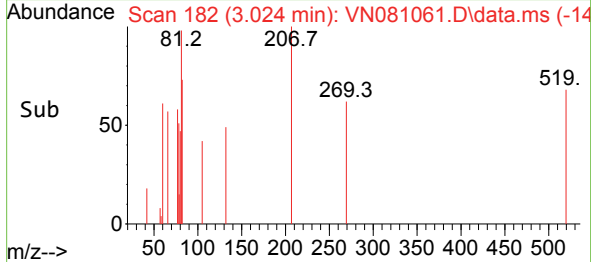
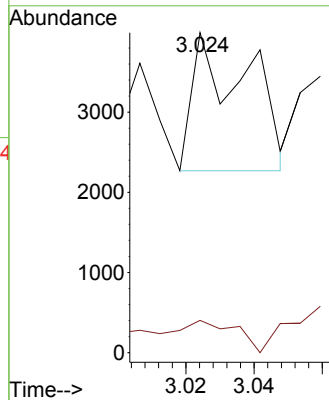
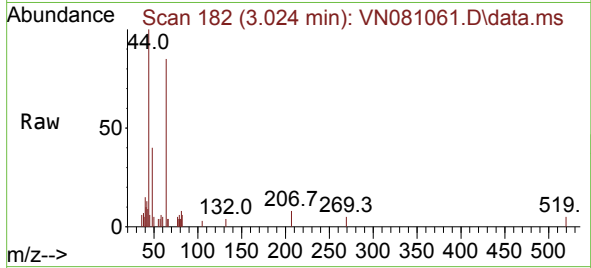




#6
Chloroethane
Concen: Below Cal
RT: 3.024 min Scan# 11
Delta R.T. -0.094 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

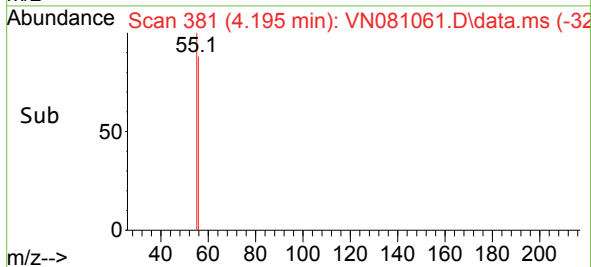
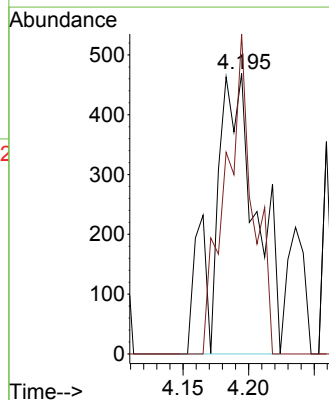
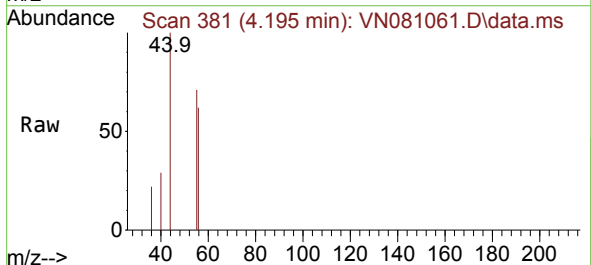
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

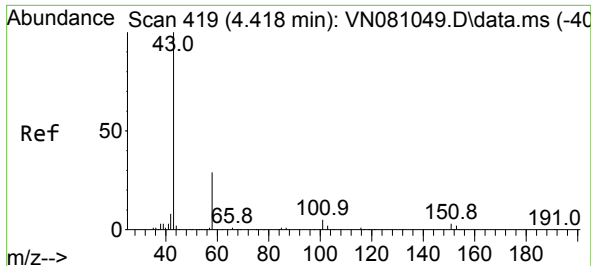
Tgt Ion: 64 Resp: 1914
Ion Ratio Lower Upper
64 100
66 7.3 26.4 39.6#



#13
Acrolein
Concen: 2.334 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion: 56 Resp: 1038
Ion Ratio Lower Upper
56 100
55 75.6 55.3 82.9

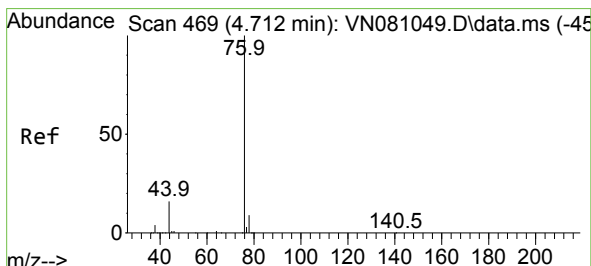
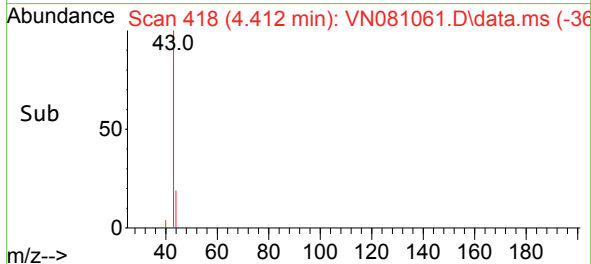
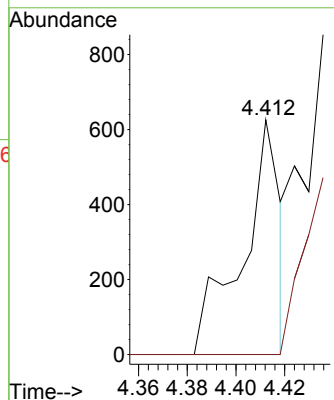
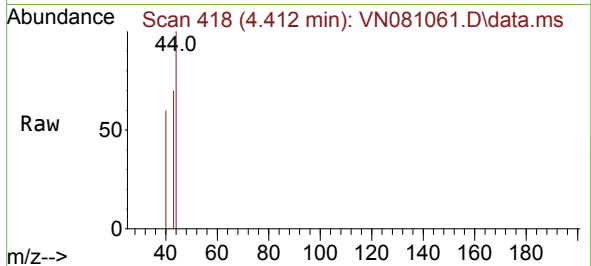




#16
Acetone
Concen: 0.378 ug/l
RT: 4.412 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

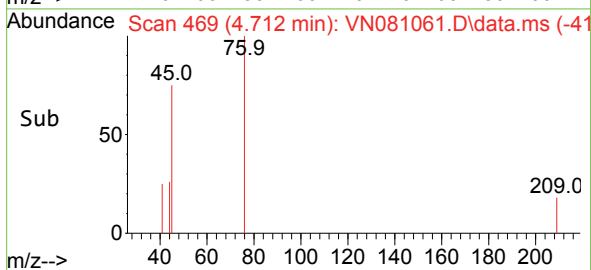
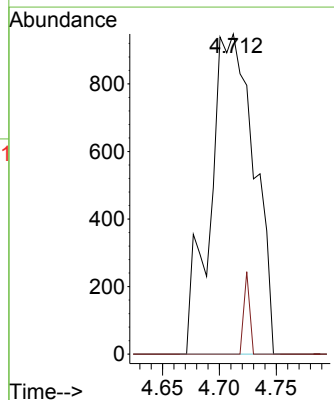
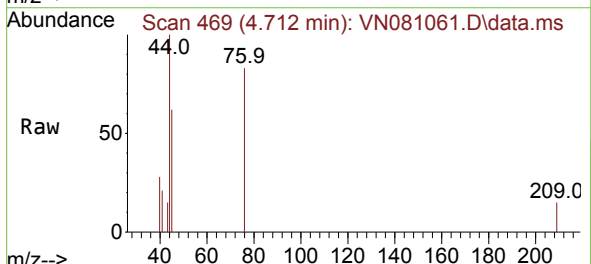
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

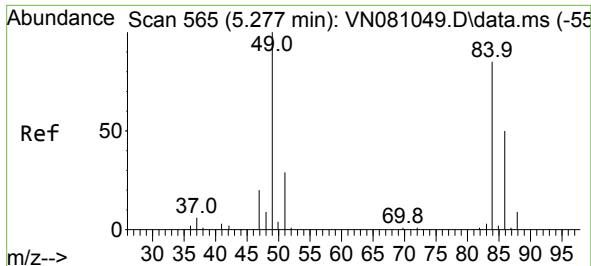
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
58 0.0 24.8 37.2#



#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion: 76 Resp: 2540
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#

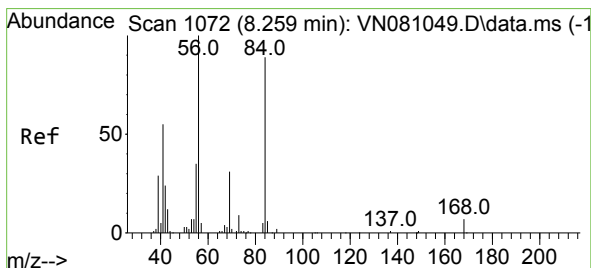
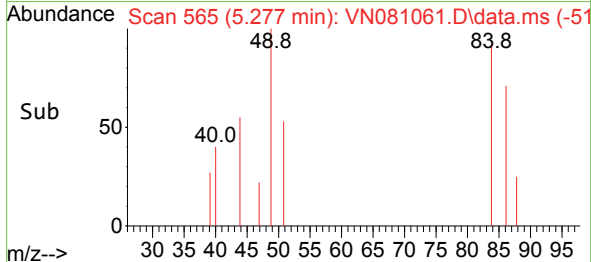
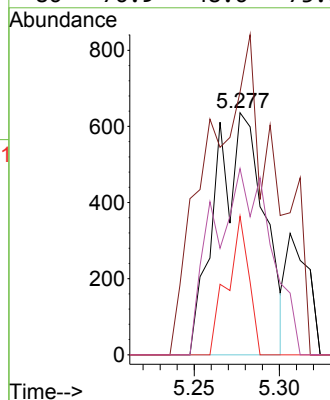
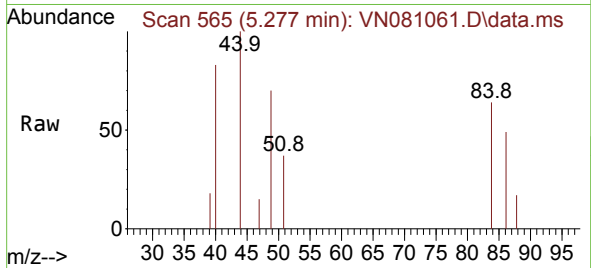




#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

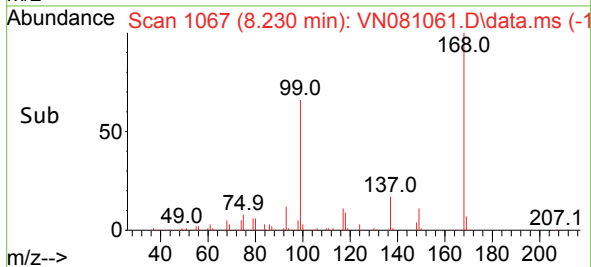
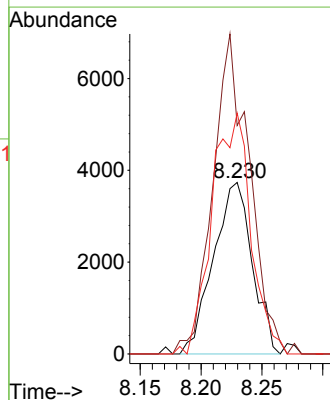
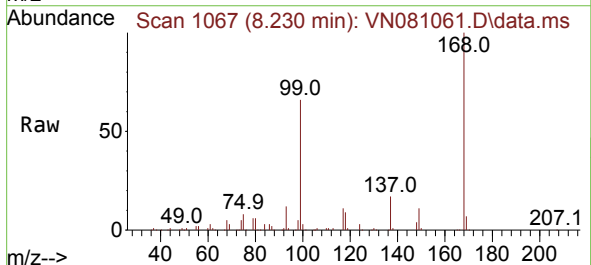
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

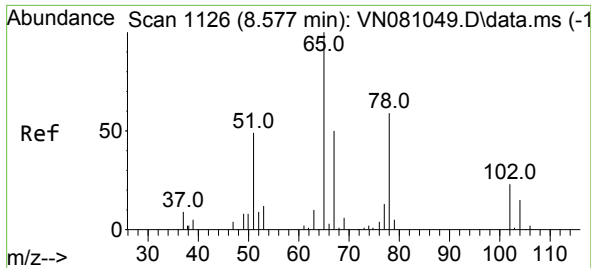
Tgt Ion:	84	Resp:	1251
Ion	Ratio	Lower	Upper
84	100		
49	79.9	108.1	162.1#
51	57.2	32.9	49.3#
86	76.9	48.6	73.0#



#31
Cyclohexane
Concen: 1.065 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion:	56	Resp:	8295
Ion	Ratio	Lower	Upper
56	100		
69	126.2	20.1	30.1#
84	136.0	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 44.699 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081061.D

Acq: 16 Feb 2024 18:30

Instrument :

MSVOA_N

ClientSampleId :

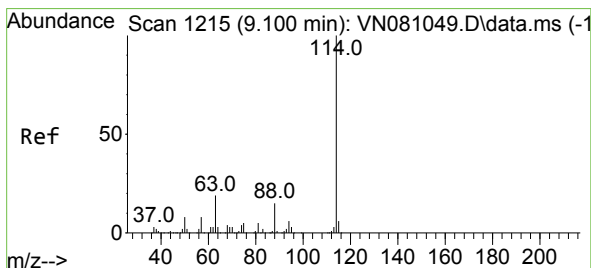
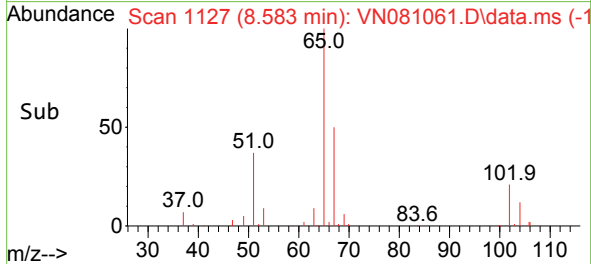
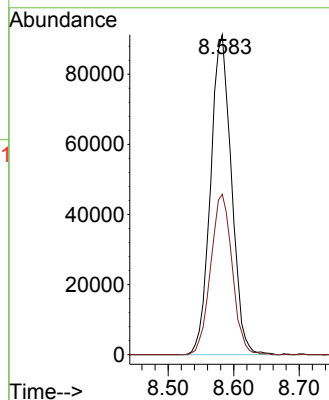
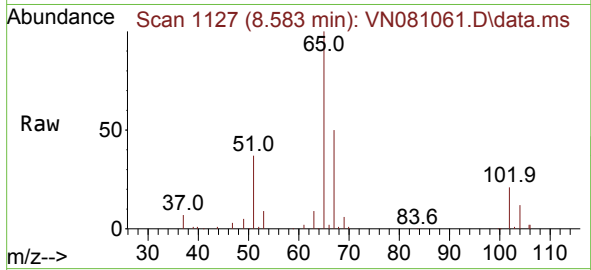
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 201719

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081061.D

Acq: 16 Feb 2024 18:30

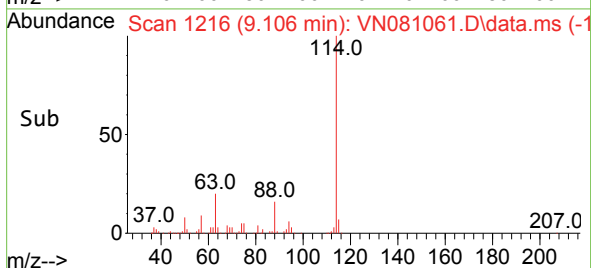
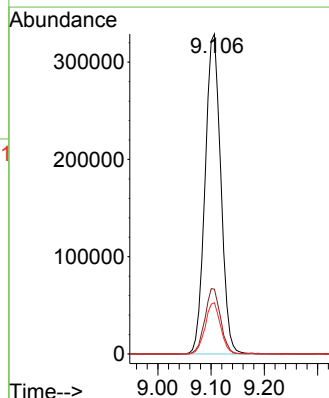
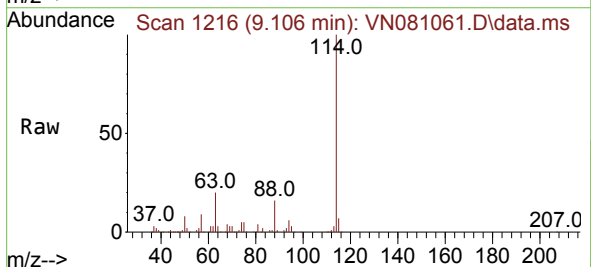
Tgt Ion: 114 Resp: 671436

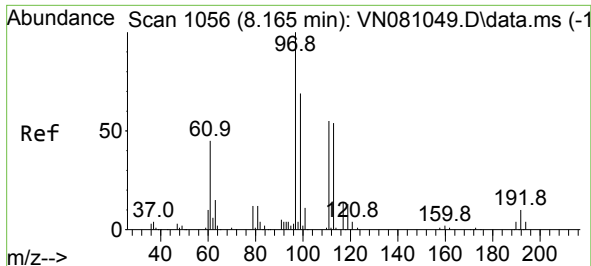
Ion Ratio Lower Upper

114 100

63 20.2 0.0 48.0

88 16.0 0.0 34.8

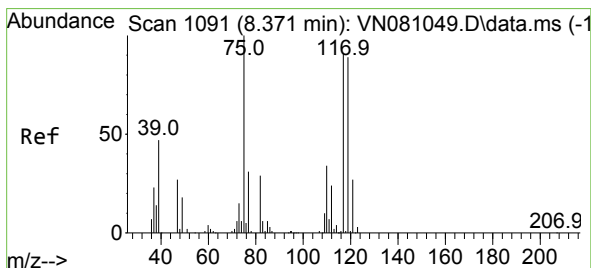
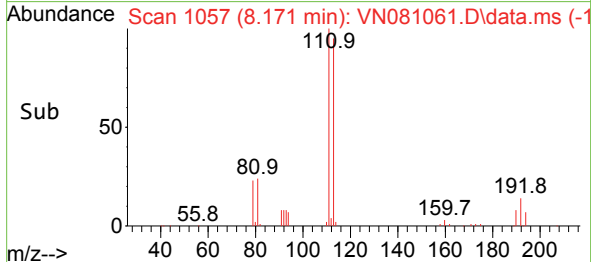
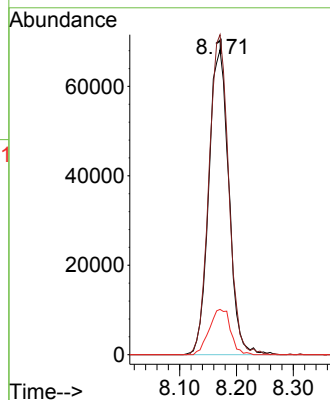
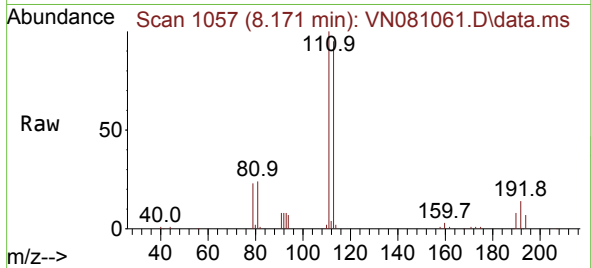




#35
 Dibromofluoromethane
 Concen: 43.941 ug/l
 RT: 8.171 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN081061.D
 Acq: 16 Feb 2024 18:30

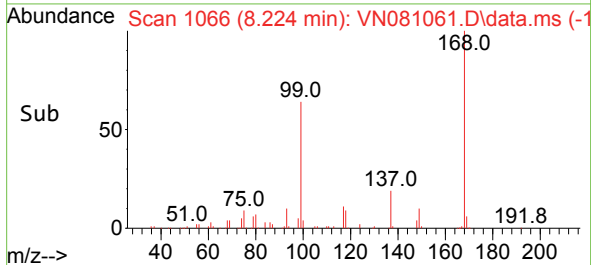
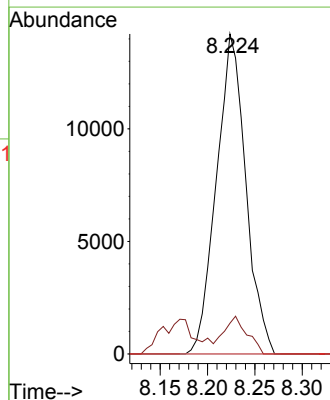
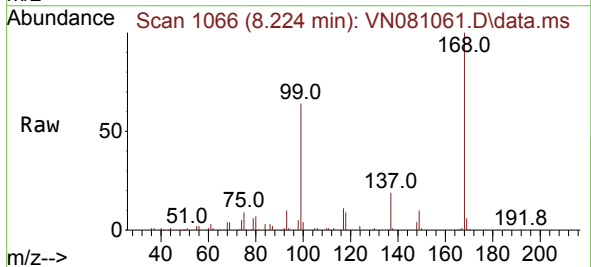
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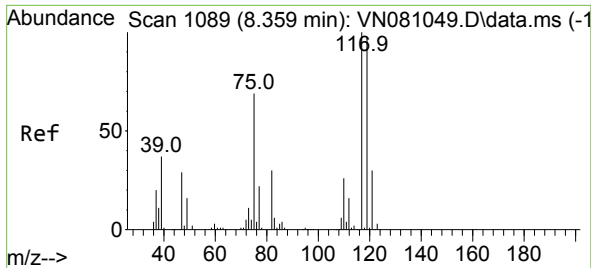
Tgt Ion:113 Resp: 166833
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.2 123.4
 192 15.8 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 4.711 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081061.D
 Acq: 16 Feb 2024 18:30

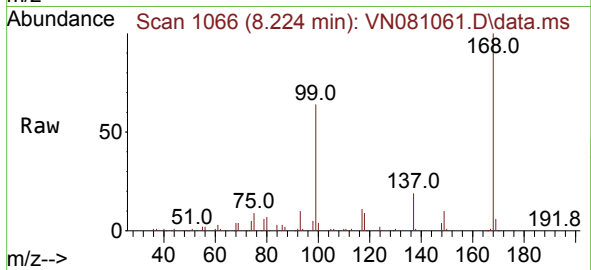
Tgt Ion: 75 Resp: 30641
 Ion Ratio Lower Upper
 75 100
 110 9.3 16.0 48.0#
 77 0.0 25.8 38.6#



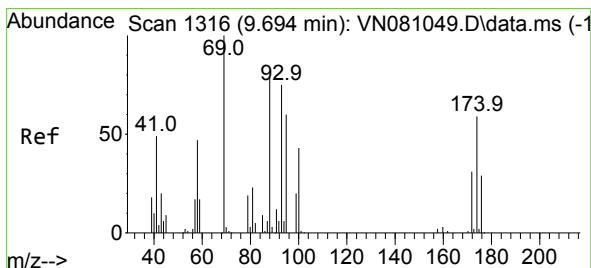
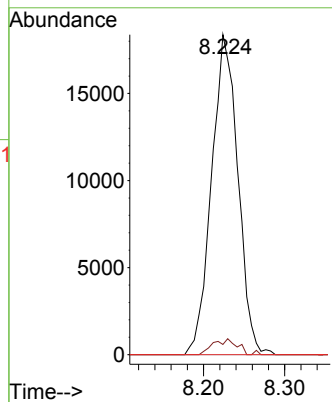
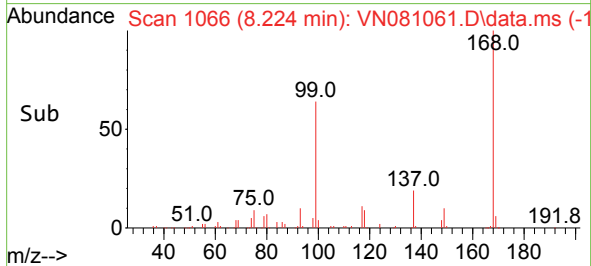


#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

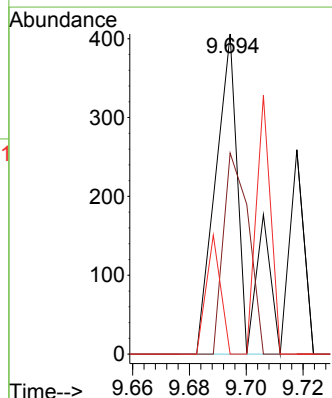
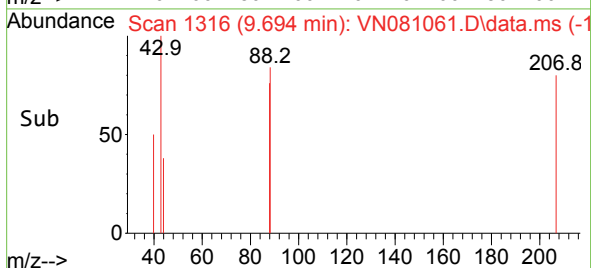
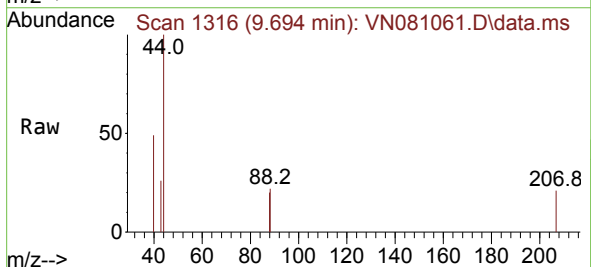


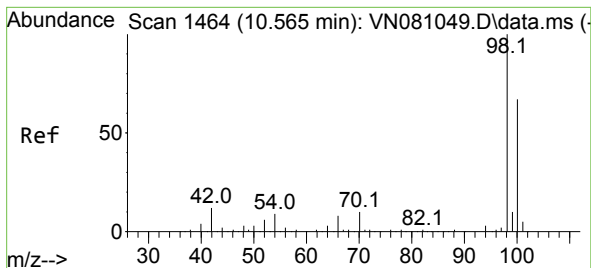
Tgt Ion:117 Resp: 41402
Ion Ratio Lower Upper
117 100
119 3.2 73.4 110.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion: 88 Resp: 275
Ion Ratio Lower Upper
88 100
43 57.1 30.1 45.1#
58 19.3 63.9 95.9#





#50

Toluene-d8

Concen: 41.318 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081061.D

Acq: 16 Feb 2024 18:30

Instrument :

MSVOA_N

ClientSampleId :

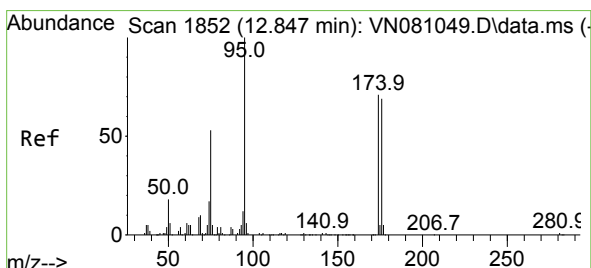
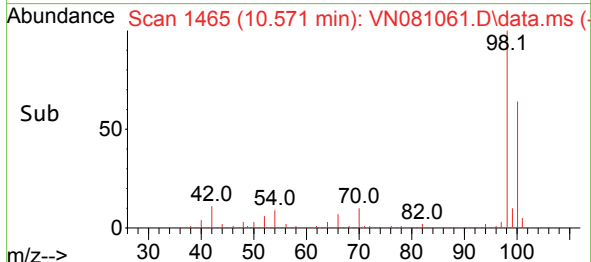
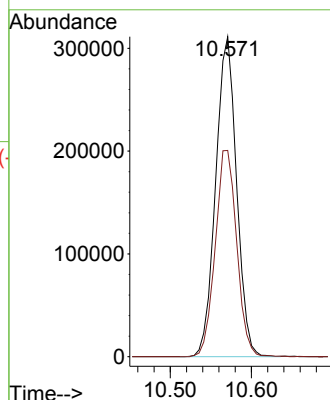
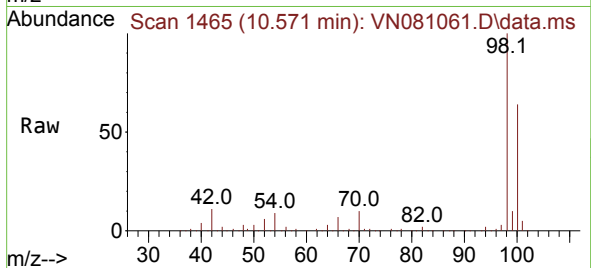
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 557172

Ion Ratio Lower Upper

98 100

100 66.3 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 39.754 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN081061.D

Acq: 16 Feb 2024 18:30

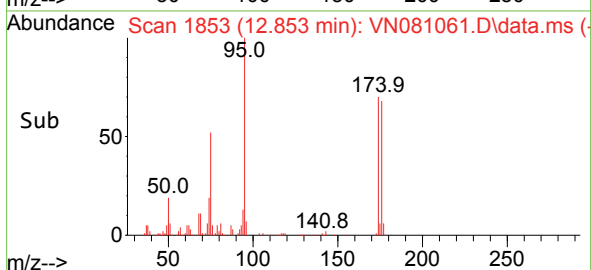
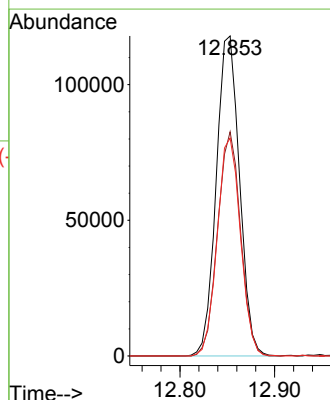
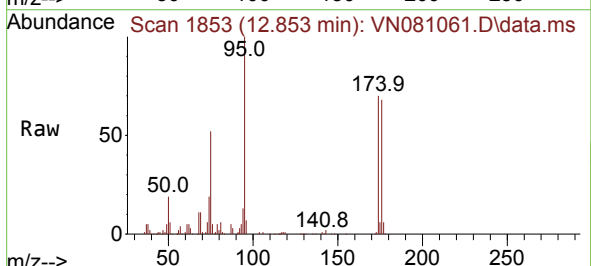
Tgt Ion: 95 Resp: 201435

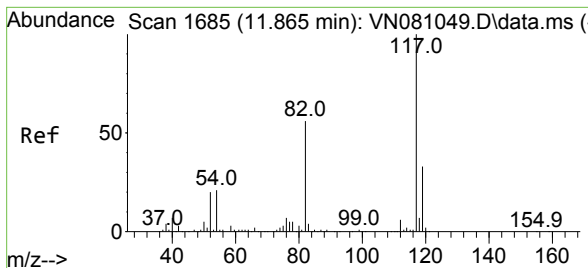
Ion Ratio Lower Upper

95 100

174 69.1 0.0 120.4

176 67.8 0.0 121.0

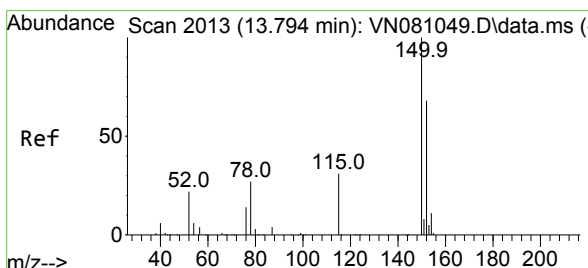
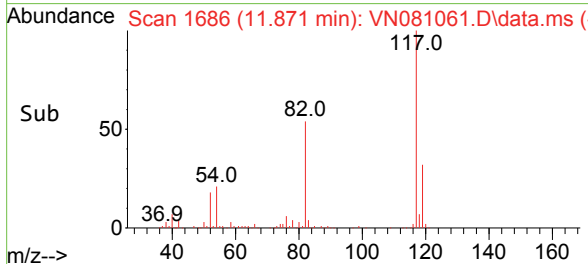
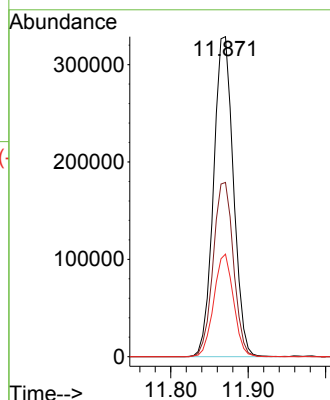
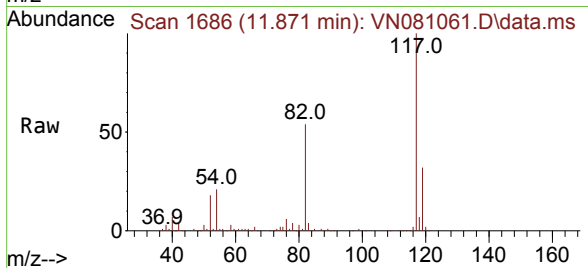




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

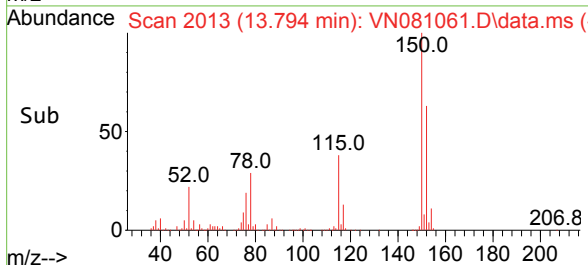
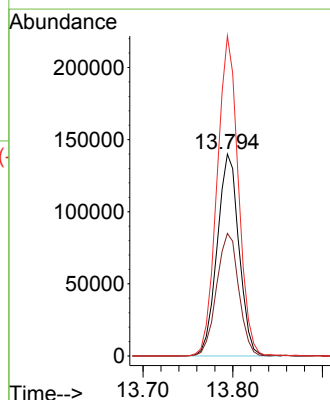
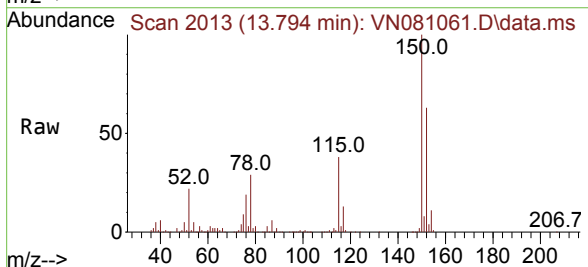
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

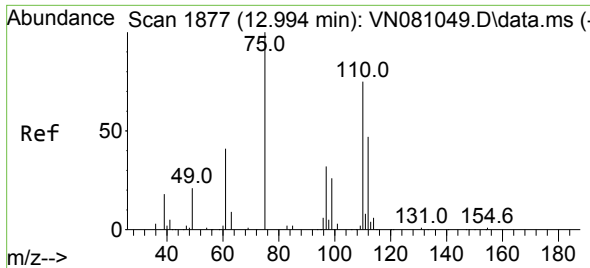
Tgt Ion:117 Resp: 586697
Ion Ratio Lower Upper
117 100
82 54.5 52.7 79.1
119 32.0 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion:152 Resp: 235426
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 155.1 0.0 339.8

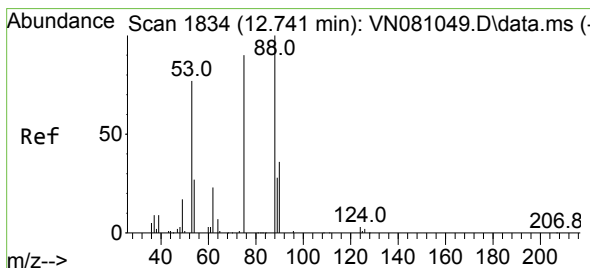
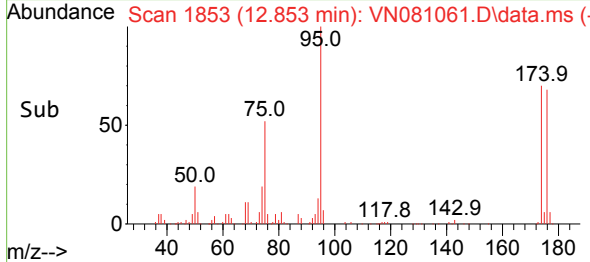
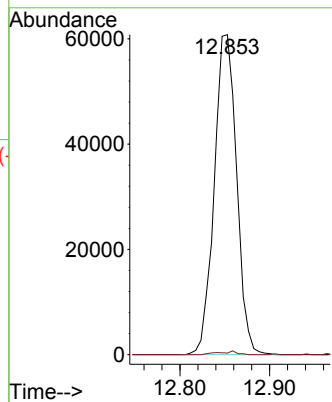
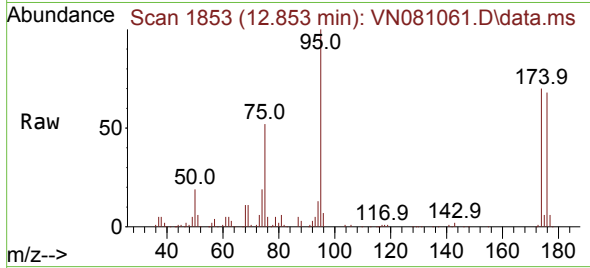




#76
1,2,3-Trichloropropane
Concen: 19.677 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 105252
Ion Ratio Lower Upper
75 100
77 0.9 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 50.647 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN081061.D
Acq: 16 Feb 2024 18:30

Tgt Ion: 75 Resp: 105252
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.1 33.4 50.0#

