

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081880.D
 Acq On : 26 Apr 2024 16:08
 Operator : JC\MD
 Sample : P2282-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Apr 26 23:02:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

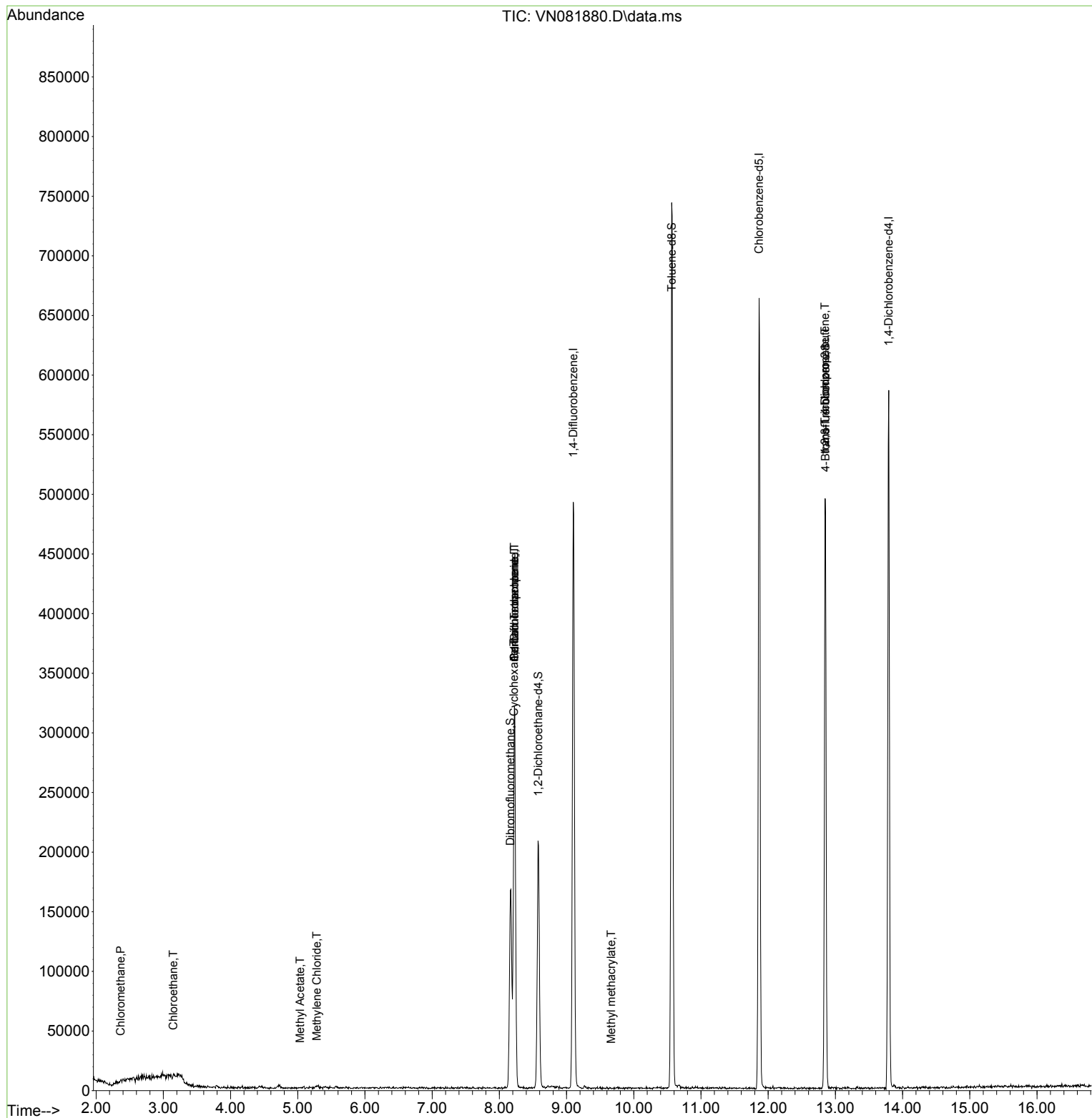
Internal Standards						
1) Pentafluorobenzene	8.224	168	226012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	418123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	367542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	147840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164519	43.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.260%
35) Dibromofluoromethane	8.165	113	122777	48.770	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	10.565	98	511716	51.756	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.520%
62) 4-Bromofluorobenzene	12.853	95	182084	46.587	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	93.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	712	0.215	ug/l #	43
5) Bromomethane	2.936	94	103	Below Cal	#	3
6) Chloroethane	3.148	64	605	0.400	ug/l #	88
13) Acrolein	4.177	56	374	Below Cal	#	1
16) Acetone	4.424	43	3194	Below Cal	#	43
18) Methyl Acetate	5.036	43	806	0.209	ug/l #	47
20) Methylene Chloride	5.283	84	1357	0.415	ug/l #	71
31) Cyclohexane	8.218	56	6912	1.203	ug/l #	40
36) 1,1-Dichloropropene	8.224	75	20795	5.077	ug/l #	49
38) Carbon Tetrachloride	8.224	117	23371	5.839	ug/l #	17
48) Methyl methacrylate	9.665	41	799	0.201	ug/l #	23
76) 1,2,3-Trichloropropane	12.847	75	96617	25.205	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	96617	51.649	ug/l #	13

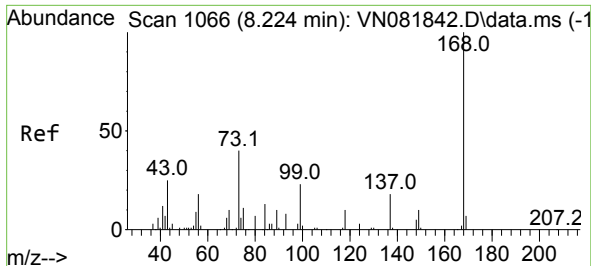
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 26 23:02:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
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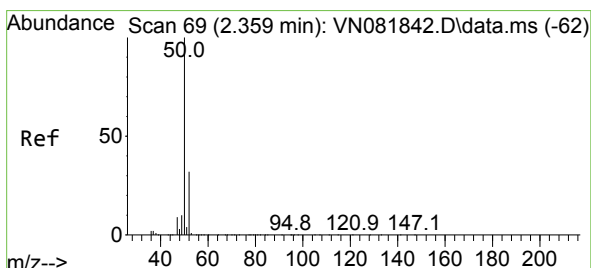
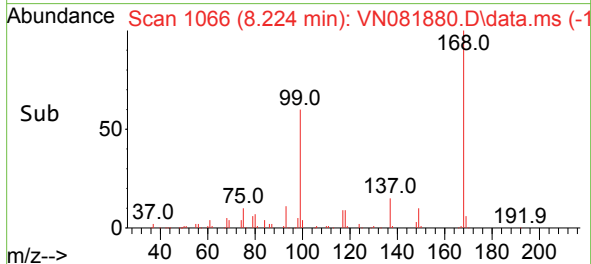
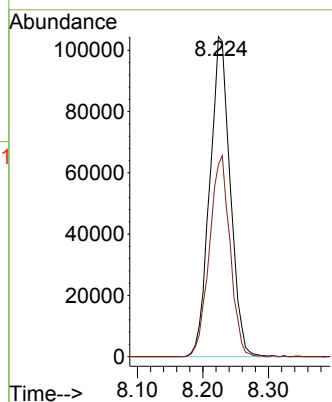
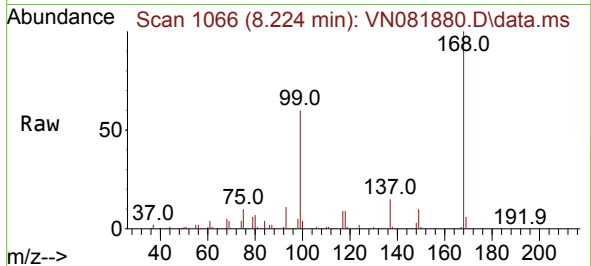




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

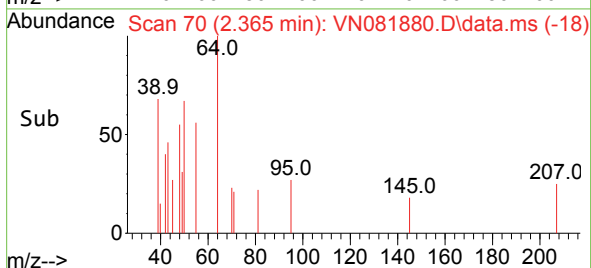
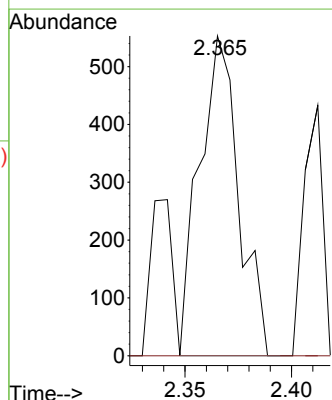
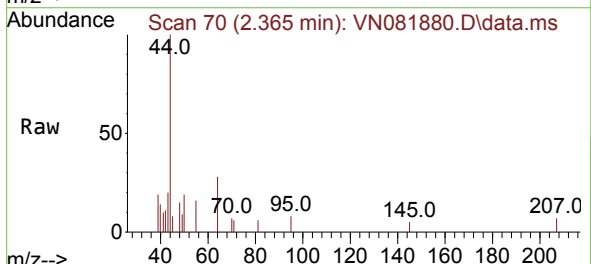
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

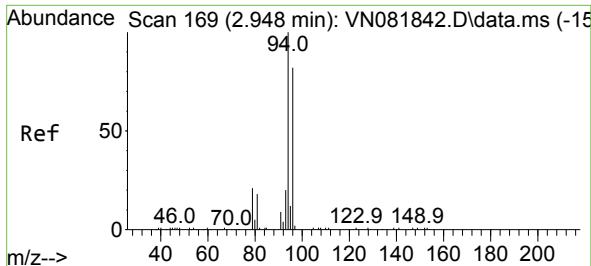
Tgt Ion:168 Resp: 226012
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#3
Chloromethane
Concen: 0.215 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

Tgt Ion: 50 Resp: 712
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

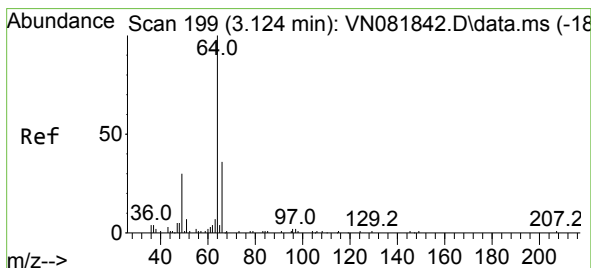
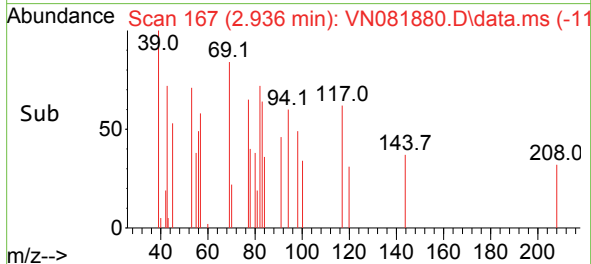
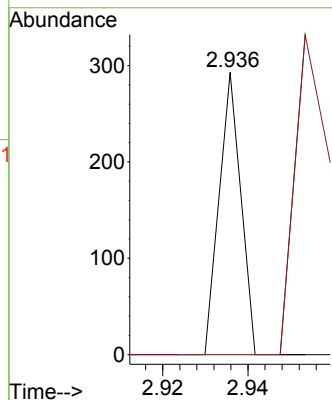
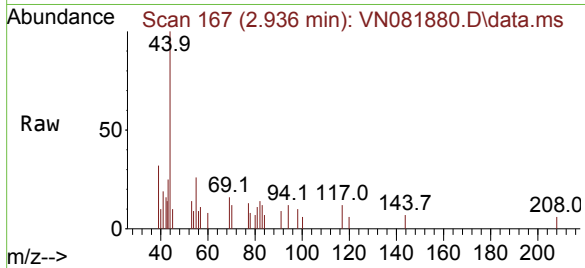




#5
Bromomethane
Concen: Below Cal
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

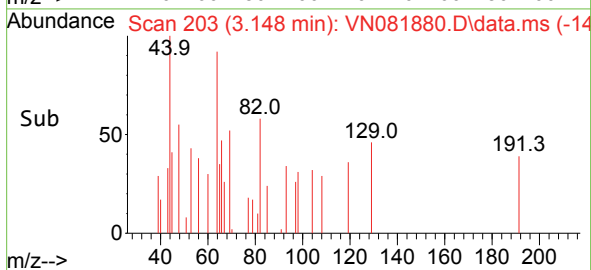
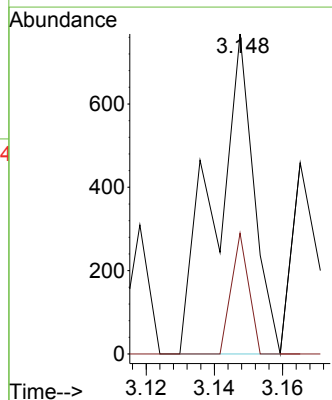
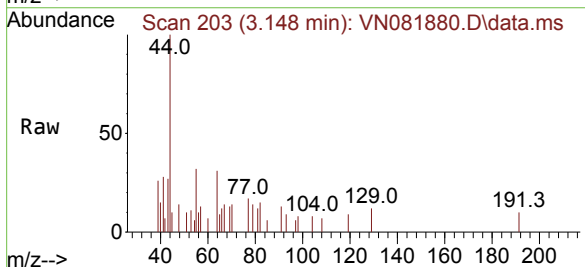
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

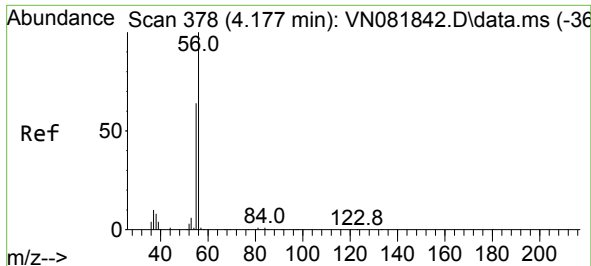
Tgt Ion: 94 Resp: 103
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#6
Chloroethane
Concen: 0.400 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.024 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

Tgt Ion: 64 Resp: 605
Ion Ratio Lower Upper
64 100
66 37.8 24.7 37.1#

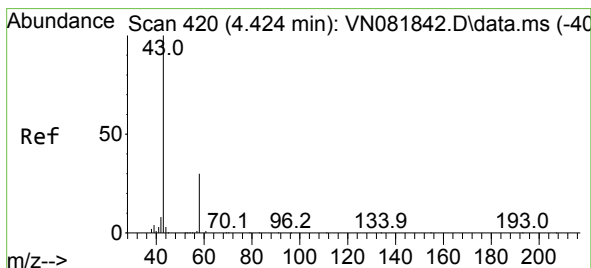
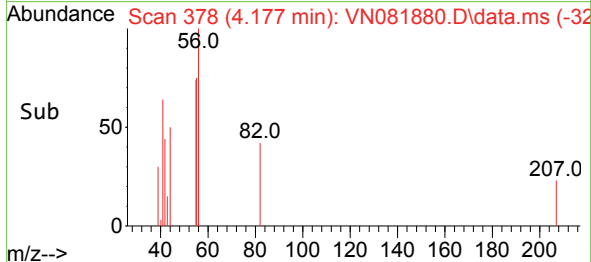
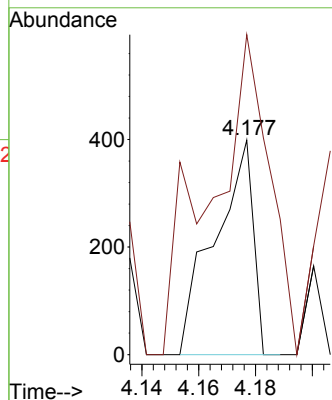
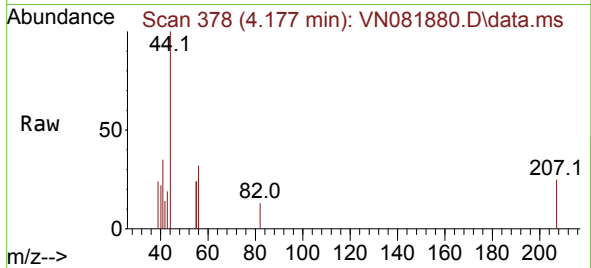




#13
Acrolein
Concen: Below Cal
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

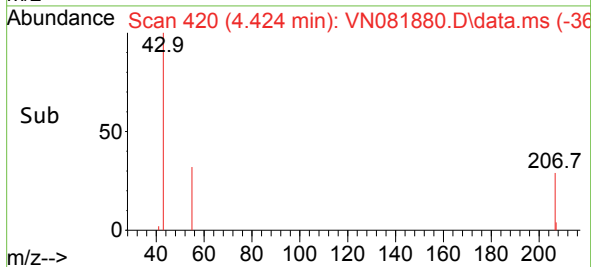
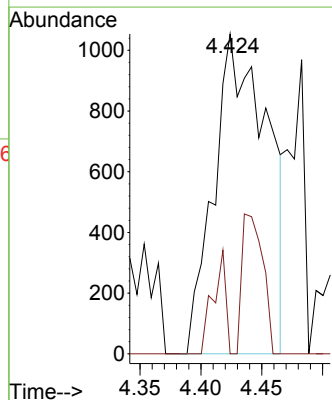
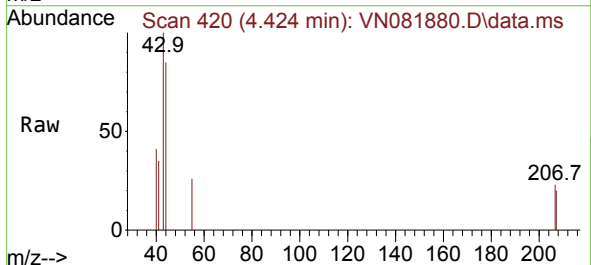
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

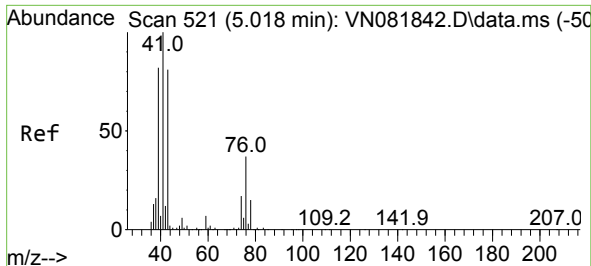
Tgt Ion: 56 Resp: 374
Ion Ratio Lower Upper
56 100
55 230.7 55.8 83.8#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

Tgt Ion: 43 Resp: 3194
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#

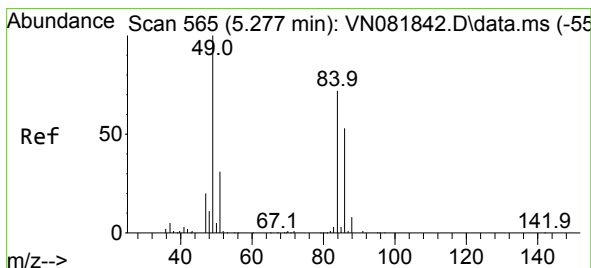
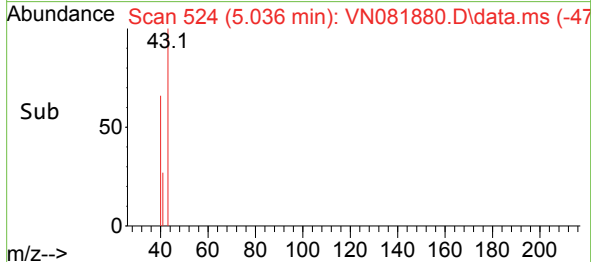
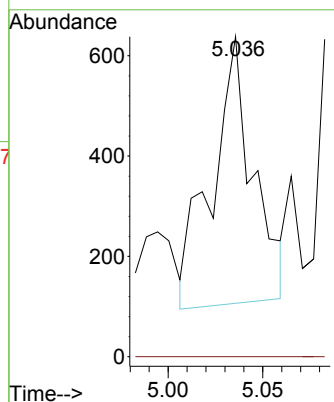
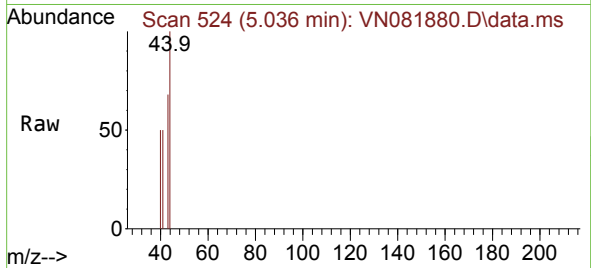




#18
Methyl Acetate
Concen: 0.209 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

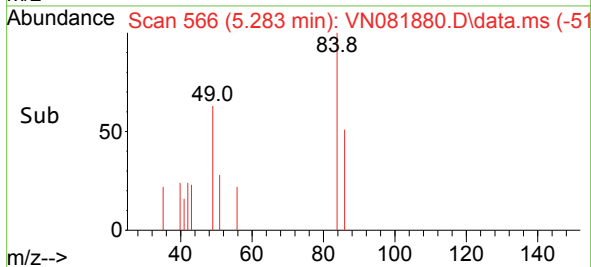
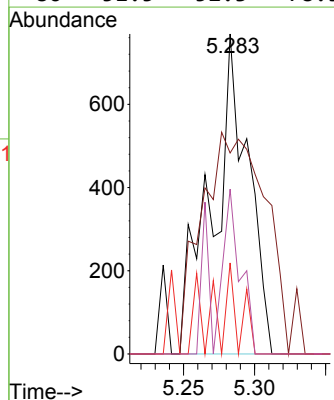
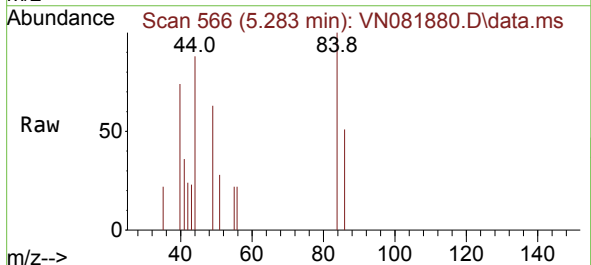
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

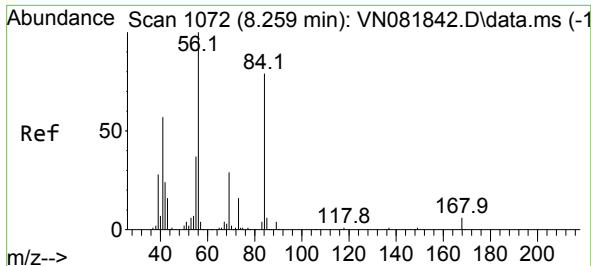
Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
74 0.0 22.2 33.2#



#20
Methylene Chloride
Concen: 0.415 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.006 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

Tgt Ion: 84 Resp: 1357
Ion Ratio Lower Upper
84 100
49 62.8 84.9 127.3#
51 28.5 27.0 40.6
86 51.5 52.3 78.5#

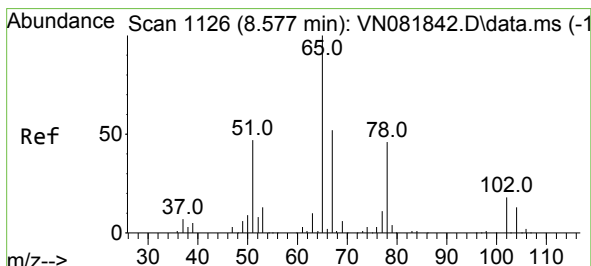
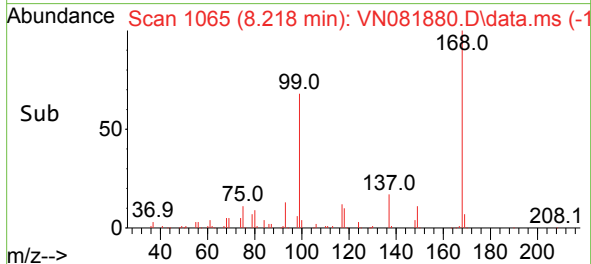
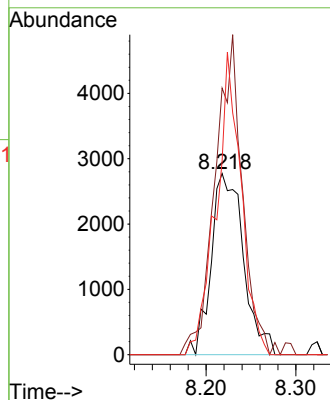
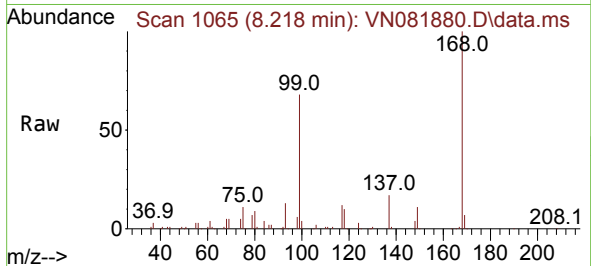




#31
Cyclohexane
Concen: 1.203 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

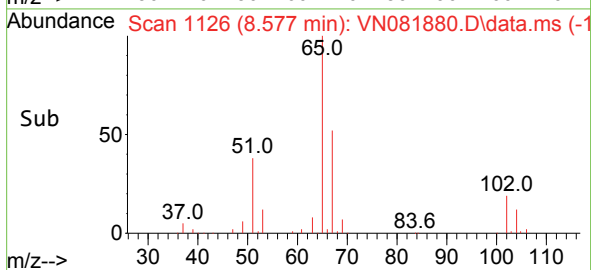
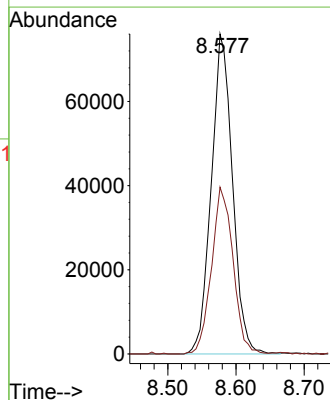
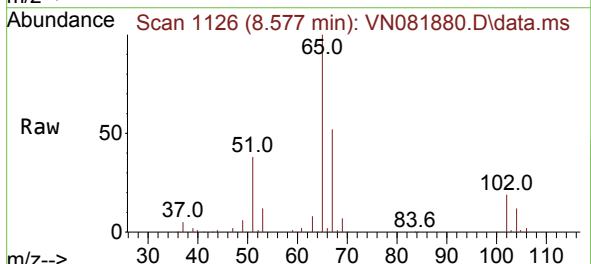
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ClientSampleId :
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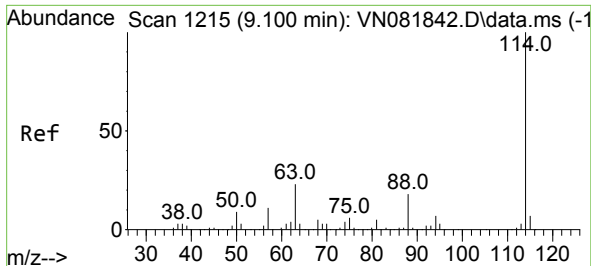
Tgt Ion: 56 Resp: 6912
Ion Ratio Lower Upper
56 100
69 147.2 24.4 36.6#
84 107.0 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 43.130 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

Tgt Ion: 65 Resp: 164519
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

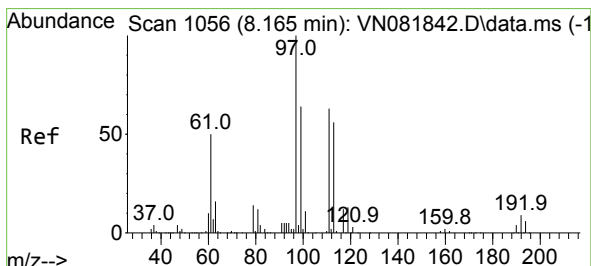
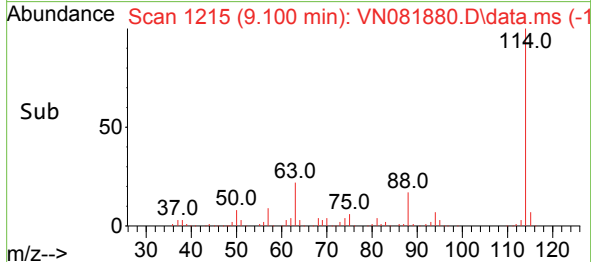
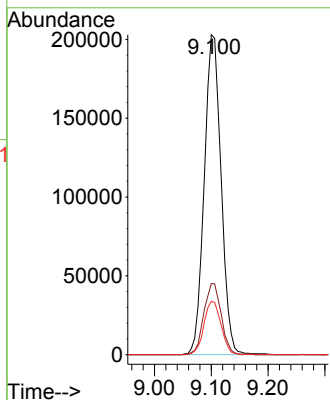
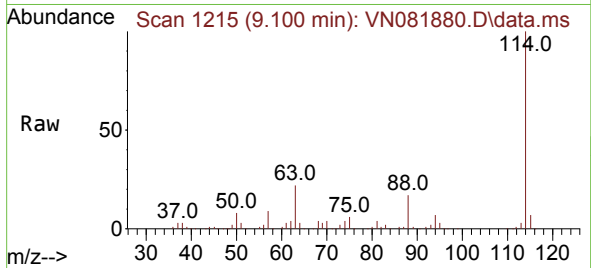




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

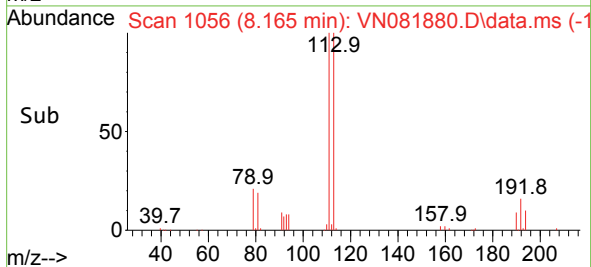
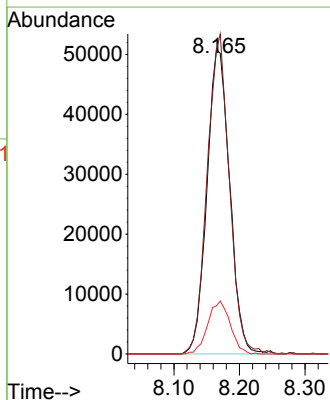
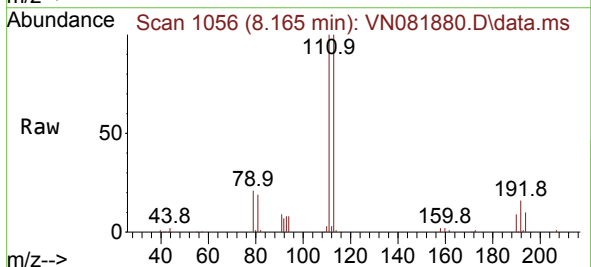
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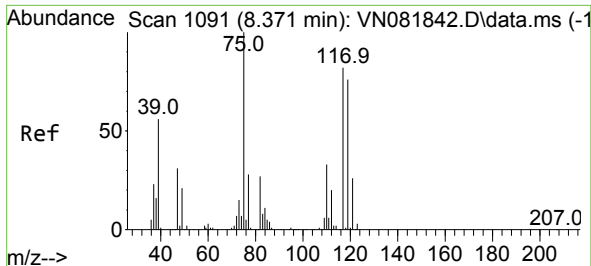
Tgt Ion:114 Resp: 418123
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.0
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.770 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

Tgt Ion:113 Resp: 122777
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.2
192 17.1 14.0 21.0





#36

1,1-Dichloropropene

Concen: 5.077 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081880.D

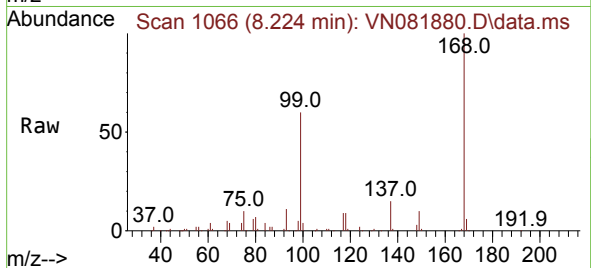
Acq: 26 Apr 2024 16:08

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5



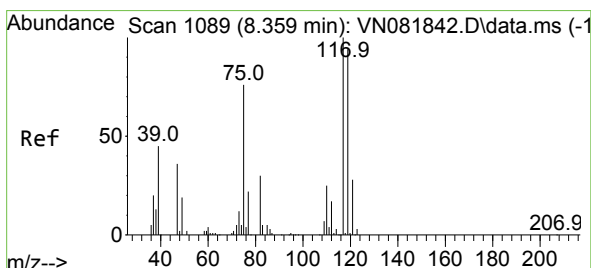
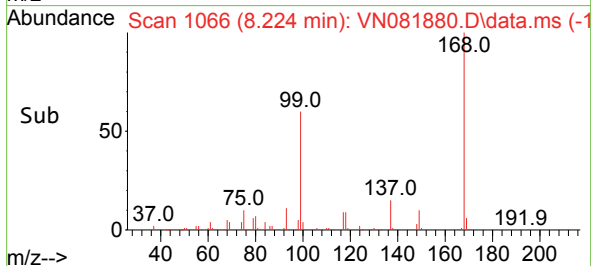
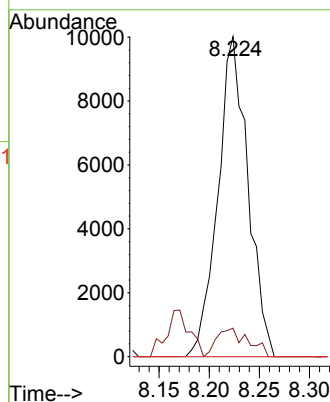
Tgt Ion: 75 Resp: 20795

Ion Ratio Lower Upper

75 100

110 9.2 17.8 53.5#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 5.839 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN081880.D

Acq: 26 Apr 2024 16:08

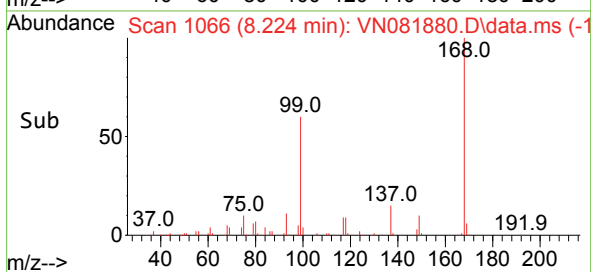
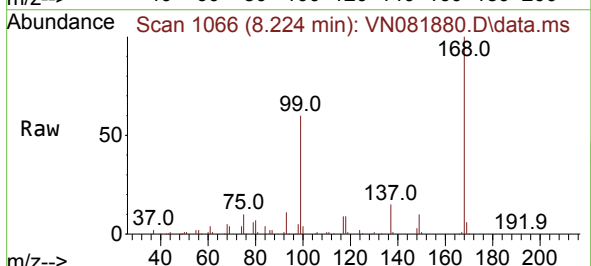
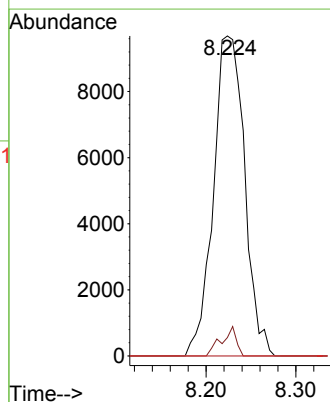
Tgt Ion: 117 Resp: 23371

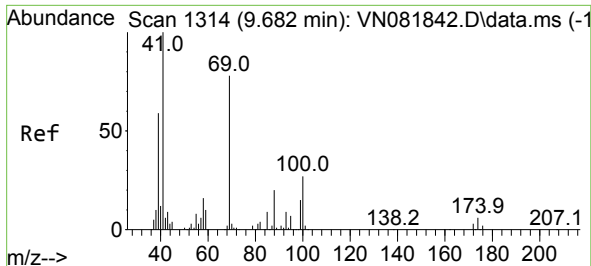
Ion Ratio Lower Upper

117 100

119 5.8 76.5 114.7#

121 0.0 23.9 35.9#

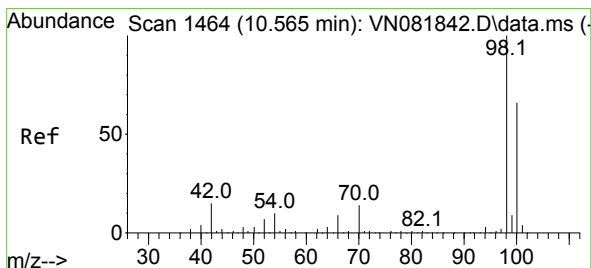
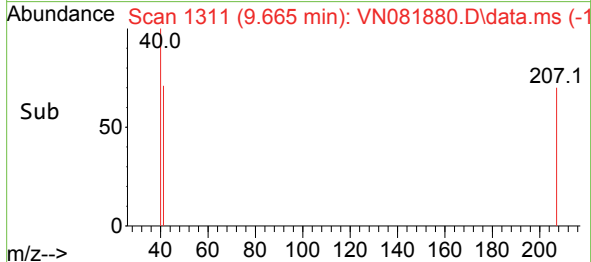
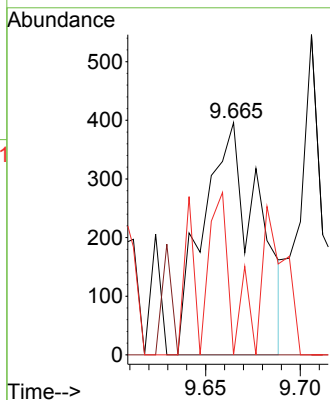
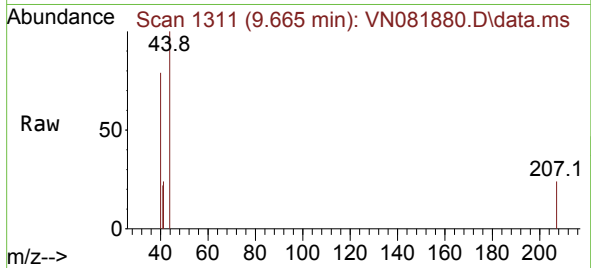




#48
Methyl methacrylate
Concen: 0.201 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

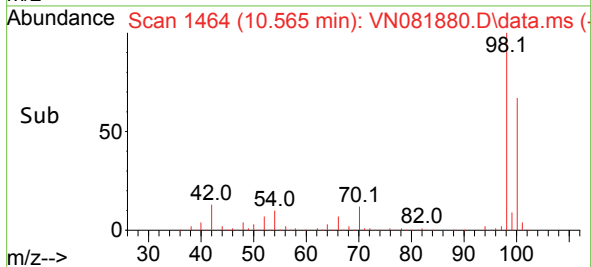
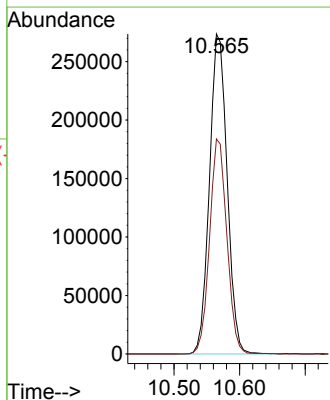
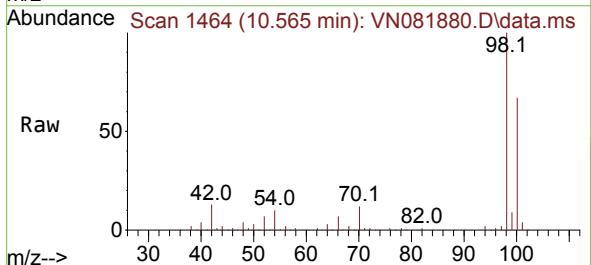
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

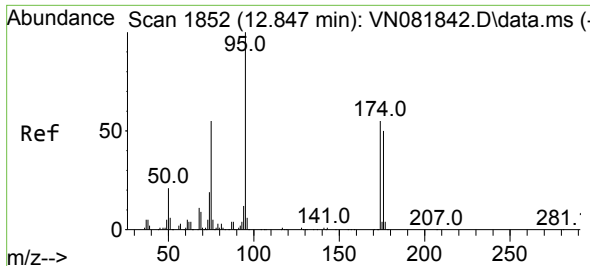
Tgt Ion: 41 Resp: 799
Ion Ratio Lower Upper
41 100
69 0.0 77.9 116.9#
39 29.0 50.9 76.3#



#50
Toluene-d8
Concen: 51.756 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

Tgt Ion: 98 Resp: 511716
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6

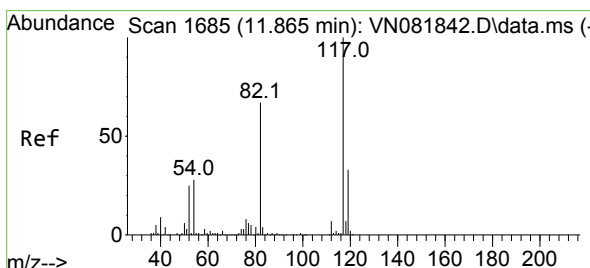
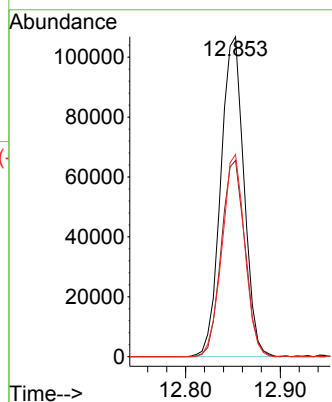
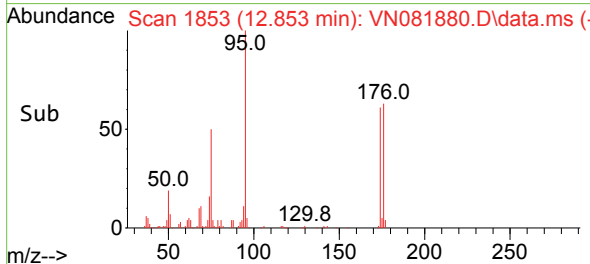
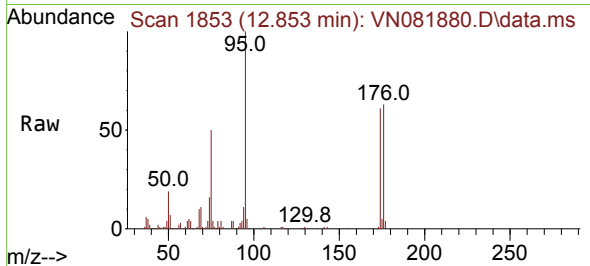




#62
4-Bromofluorobenzene
Concen: 46.587 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

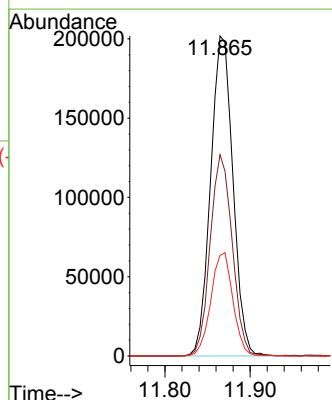
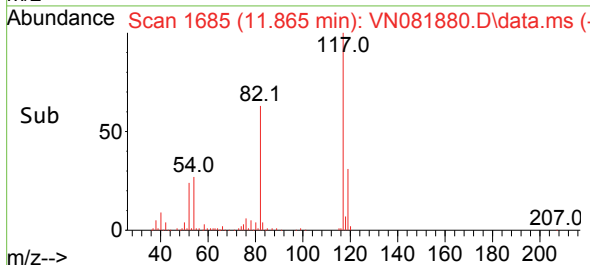
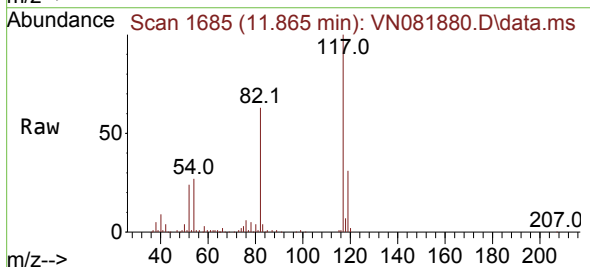
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

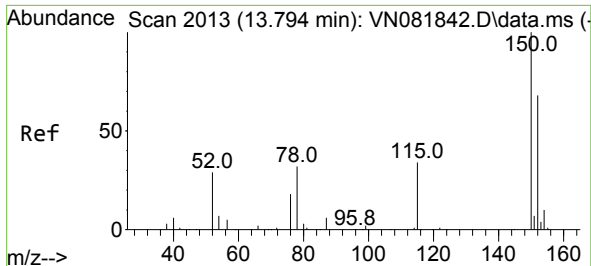
Tgt Ion: 95 Resp: 182084
Ion Ratio Lower Upper
95 100
174 62.7 0.0 160.6
176 62.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081880.D
Acq: 26 Apr 2024 16:08

Tgt Ion: 117 Resp: 367542
Ion Ratio Lower Upper
117 100
82 62.9 44.6 66.8
119 31.4 25.9 38.9

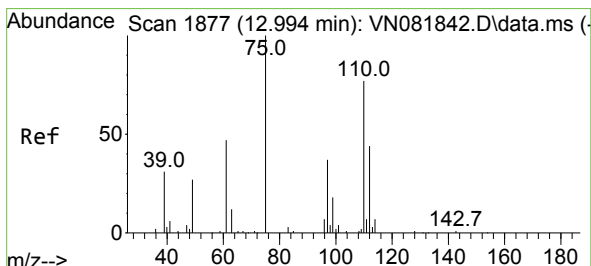
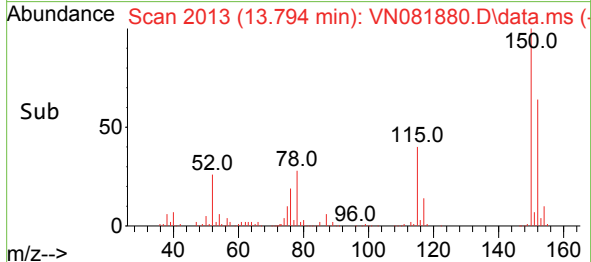
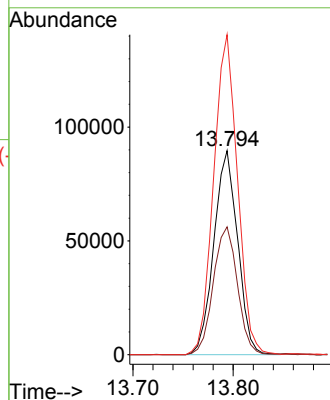
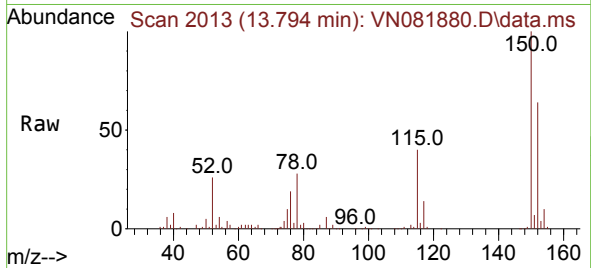




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN081880.D
 Acq: 26 Apr 2024 16:08

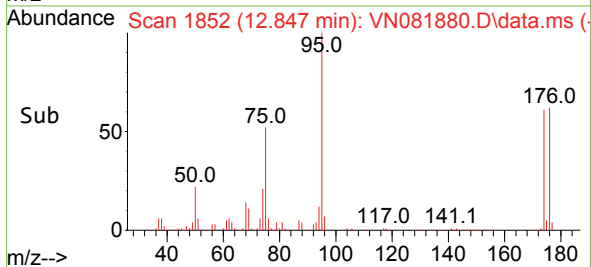
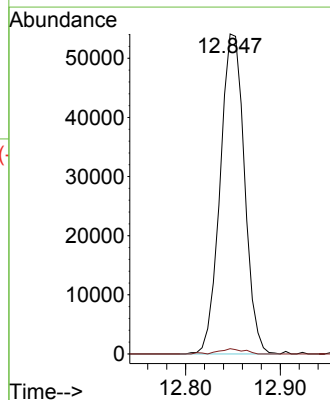
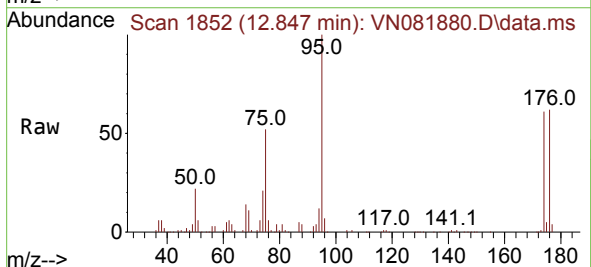
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

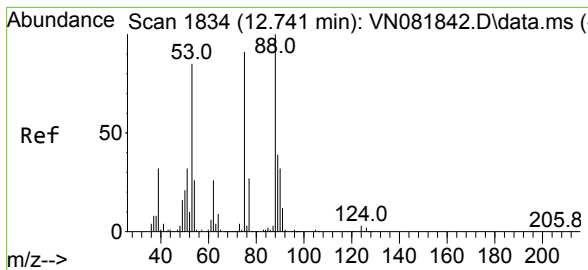
Tgt Ion:152 Resp: 147840
 Ion Ratio Lower Upper
 152 100
 115 63.7 30.4 91.3
 150 156.9 0.0 353.2



#76
 1,2,3-Trichloropropane
 Concen: 25.205 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN081880.D
 Acq: 26 Apr 2024 16:08

Tgt Ion: 75 Resp: 96617
 Ion Ratio Lower Upper
 75 100
 77 1.7 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.649 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VN081880.D
 Acq: 26 Apr 2024 16:08

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

Tgt Ion:	75	Resp:	96617
Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.9	109.3#
89	0.3	39.1	58.7#

