

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032924\
 Data File : VN081631.D
 Acq On : 29 Mar 2024 21:28
 Operator : JC\MD
 Sample : P1928-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Mar 30 00:36:18 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	345566	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	647422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	588650	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230134	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240081	54.479	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.960%
35) Dibromofluoromethane	8.165	113	209640	51.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.620%
50) Toluene-d8	10.571	98	773660	52.381	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.760%
62) 4-Bromofluorobenzene	12.847	95	237835	45.699	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.400%

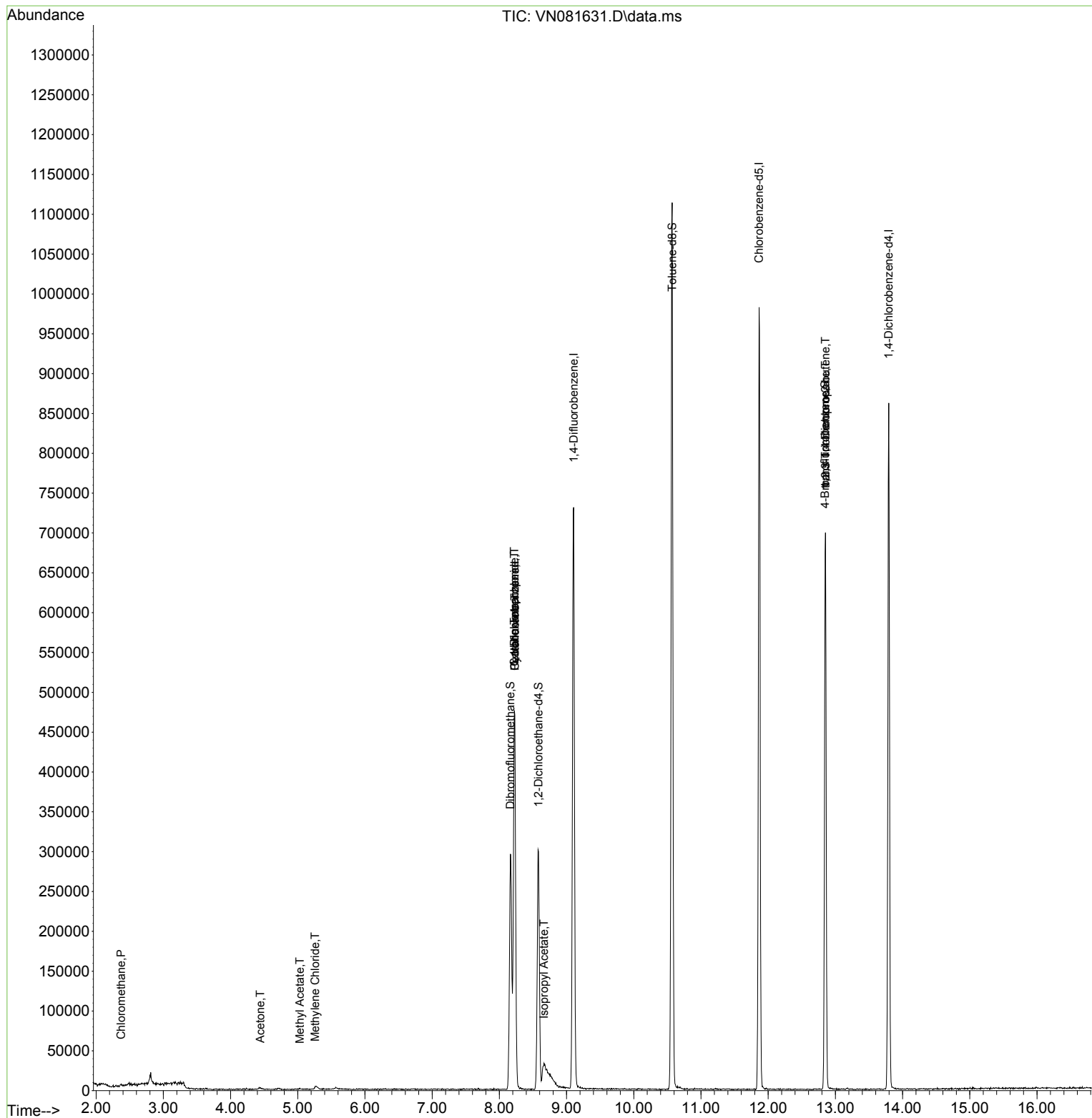
Target Compounds					Qvalue
3) Chloromethane	2.371	50	1024	0.221	ug/l # 69
16) Acetone	4.442	43	3195	2.243	ug/l # 78
18) Methyl Acetate	5.030	43	1072	0.244	ug/l # 68
20) Methylene Chloride	5.259	84	1535	0.329	ug/l # 33
31) Cyclohexane	8.230	56	7814	1.090	ug/l # 1
36) 1,1-Dichloropropene	8.224	75	29792	4.333	ug/l # 51
38) Carbon Tetrachloride	8.224	117	37355	4.959	ug/l # 21
43) Isopropyl Acetate	8.665	43	33642	3.447	ug/l # 57
76) 1,2,3-Trichloropropane	12.853	75	127518	23.164	ug/l # 1
81) trans-1,4-Dichloro-2-b...	12.853	75	127518	62.598	ug/l # 14

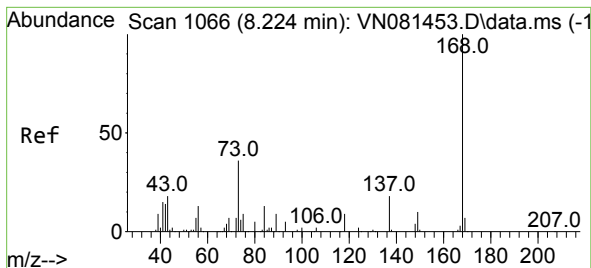
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081631.D

Acq: 29 Mar 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

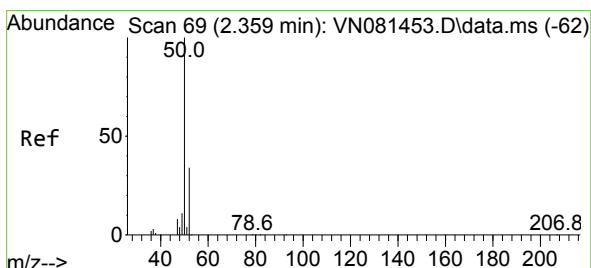
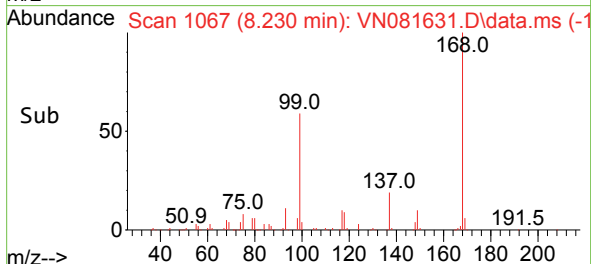
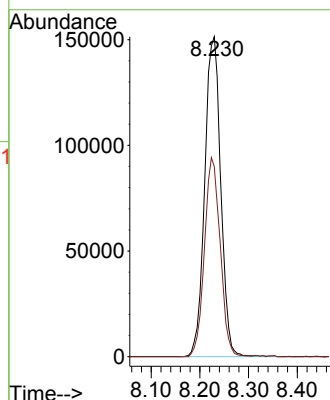
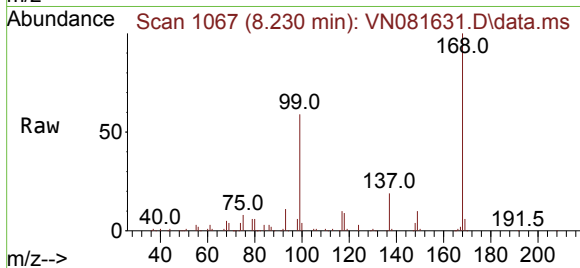
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 345566

Ion Ratio Lower Upper

168 100

99 59.4 59.9 89.9#



#3

Chloromethane

Concen: 0.221 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN081631.D

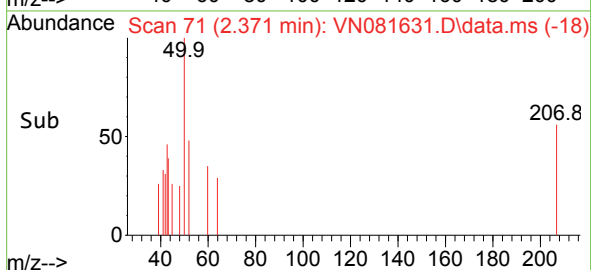
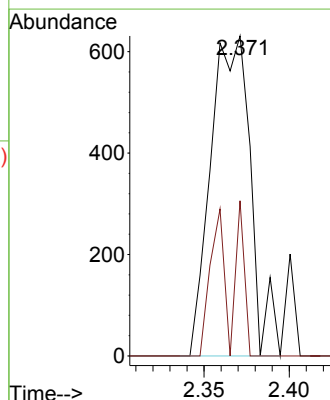
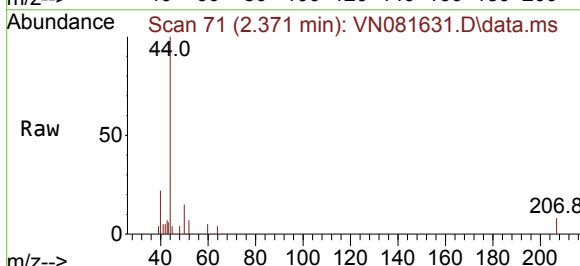
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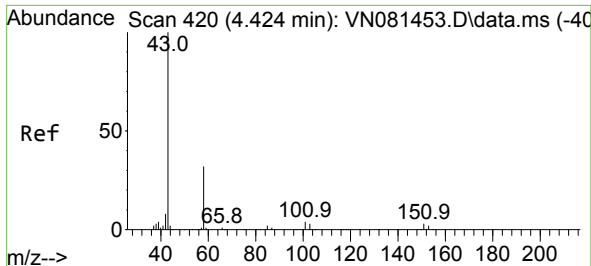
Tgt Ion: 50 Resp: 1024

Ion Ratio Lower Upper

50 100

52 48.5 25.0 37.4#

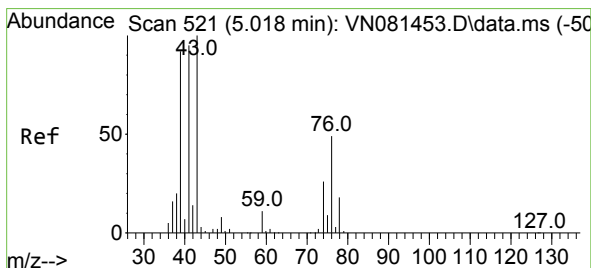
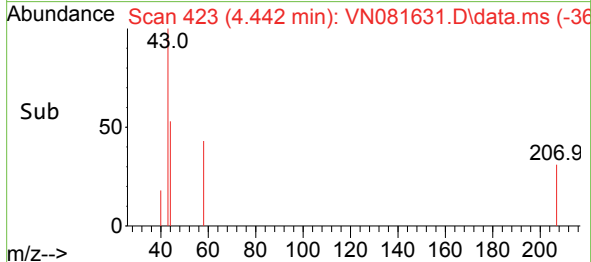
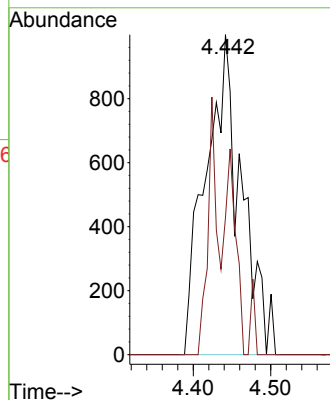
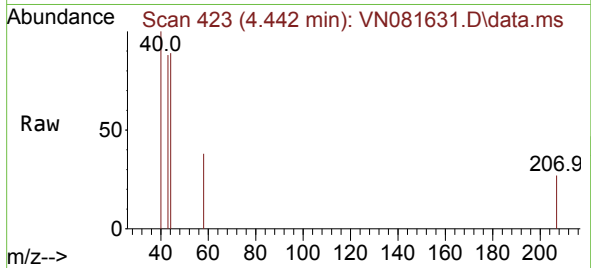




#16
Acetone
Concen: 2.243 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

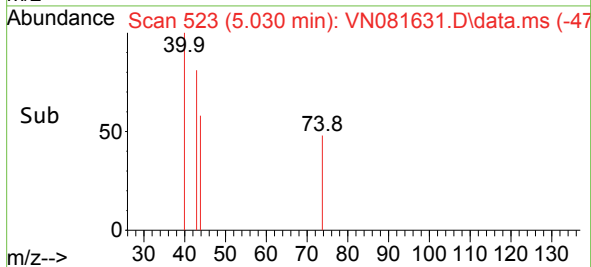
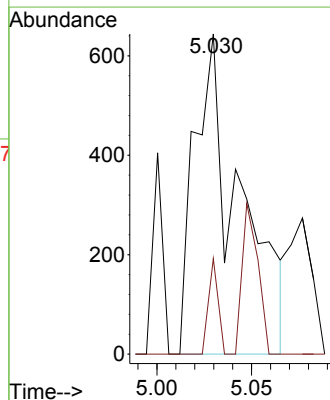
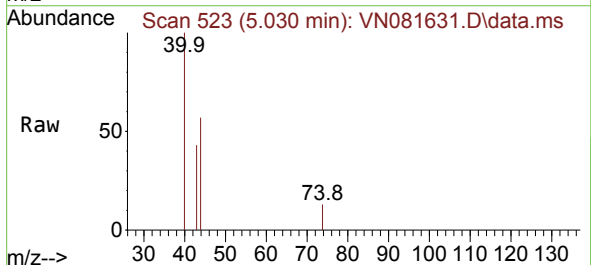
Instrument :
MSVOA_N
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STORAGE-BLANK-WATER-REF-5

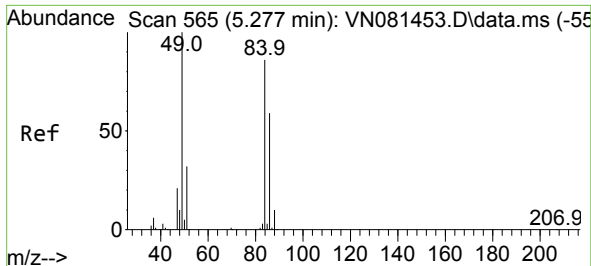
Tgt Ion: 43 Resp: 3195
Ion Ratio Lower Upper
43 100
58 42.9 24.8 37.2#



#18
Methyl Acetate
Concen: 0.244 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

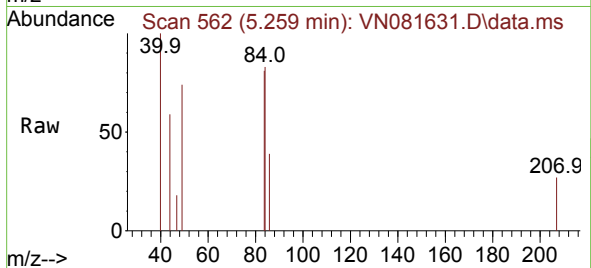
Tgt Ion: 43 Resp: 1072
Ion Ratio Lower Upper
43 100
74 6.3 17.3 25.9#



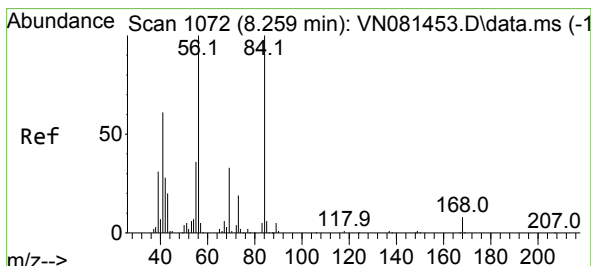
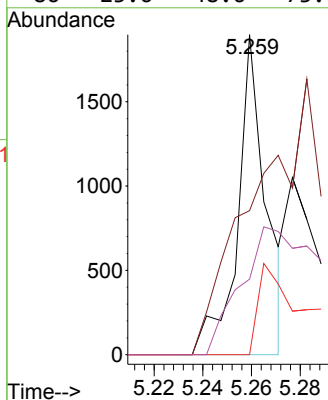
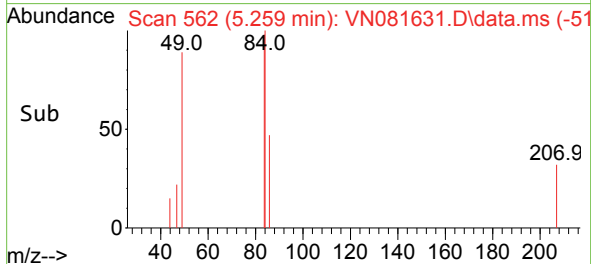


#20
Methylene Chloride
Concen: 0.329 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

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

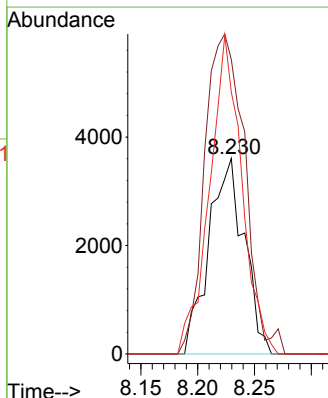
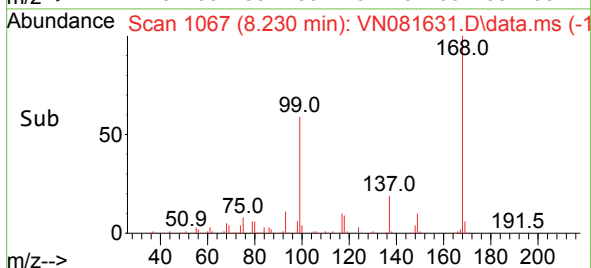
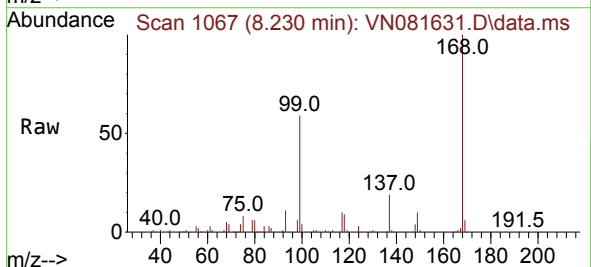


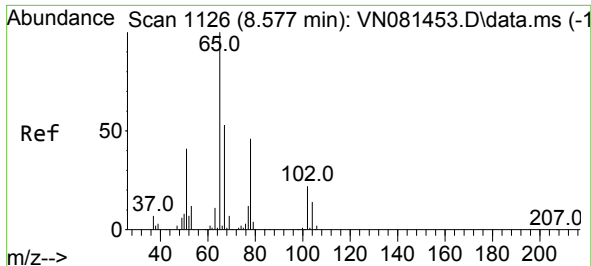
Tgt Ion:	84	Resp:	1535
Ion	Ratio	Lower	Upper
84	100		
49	45.0	108.1	162.1#
51	0.0	32.9	49.3#
86	23.6	48.6	73.0#



#31
Cyclohexane
Concen: 1.090 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

Tgt Ion:	56	Resp:	7814
Ion	Ratio	Lower	Upper
56	100		
69	150.6	20.1	30.1#
84	133.9	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 54.479 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN081631.D

Acq: 29 Mar 2024 21:28

Instrument :

MSVOA_N

ClientSampleId :

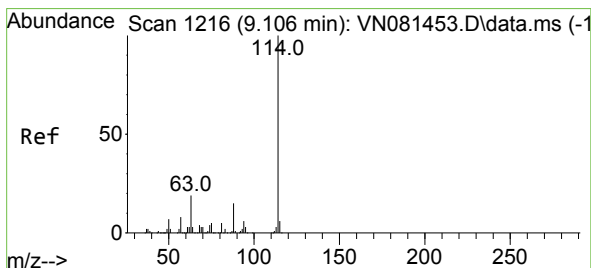
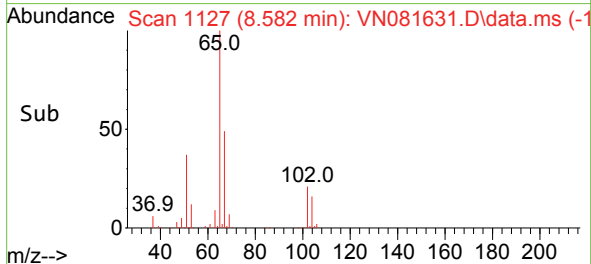
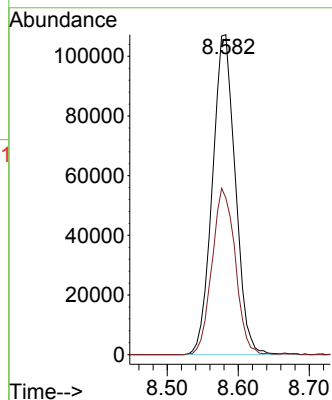
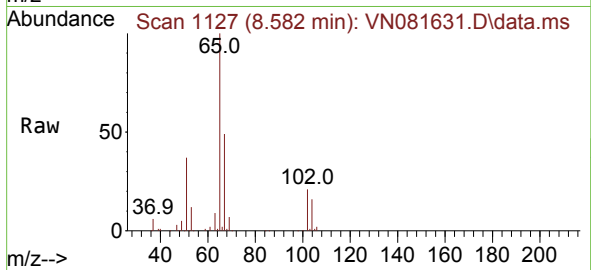
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 240081

Ion Ratio Lower Upper

65 100

67 52.8 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: VN081631.D

Acq: 29 Mar 2024 21:28

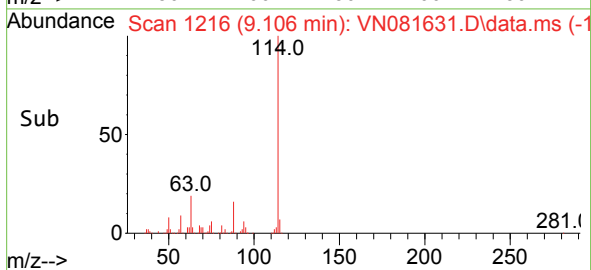
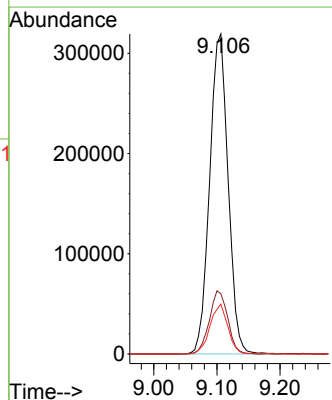
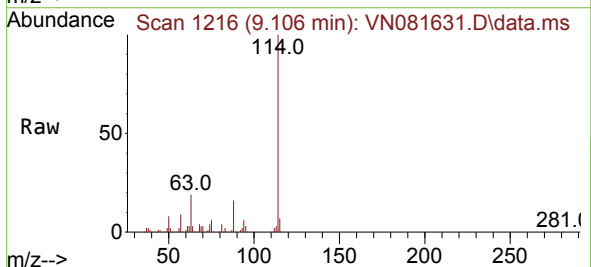
Tgt Ion: 114 Resp: 647422

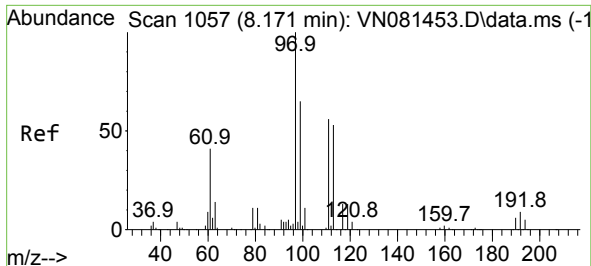
Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 15.6 0.0 34.8

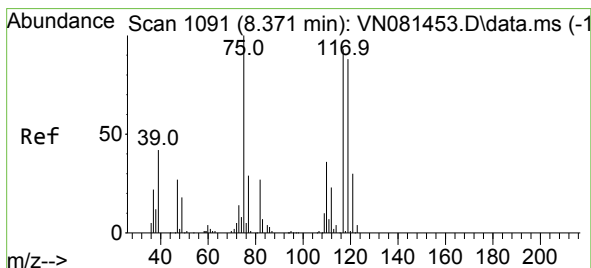
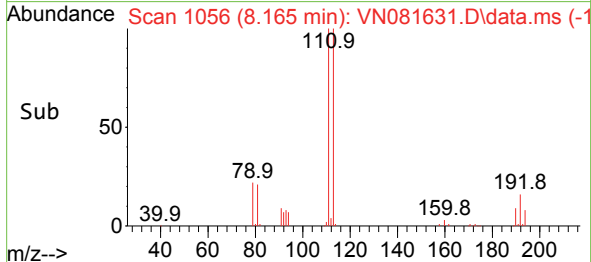
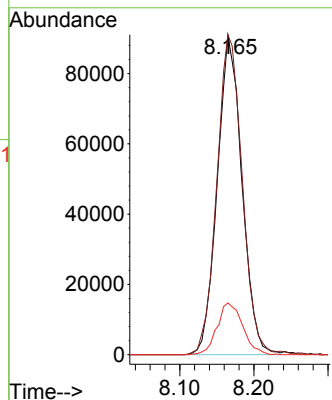
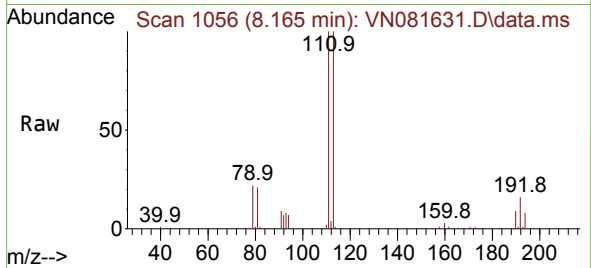




#35
Dibromofluoromethane
Concen: 51.308 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

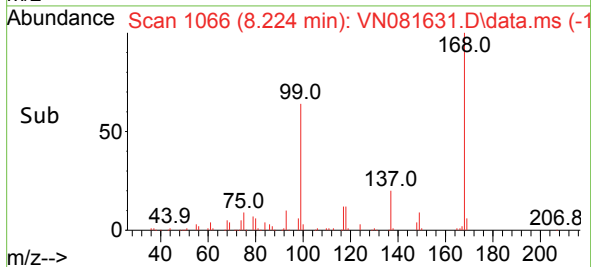
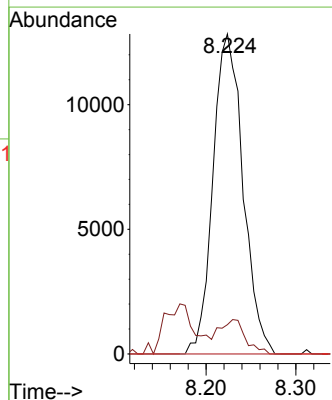
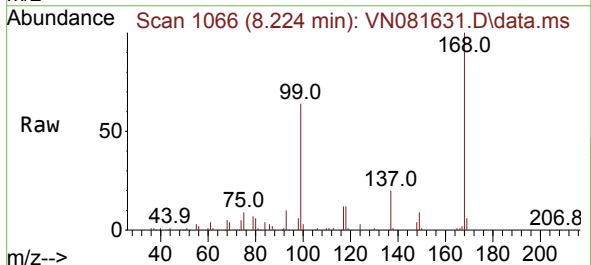
Instrument :
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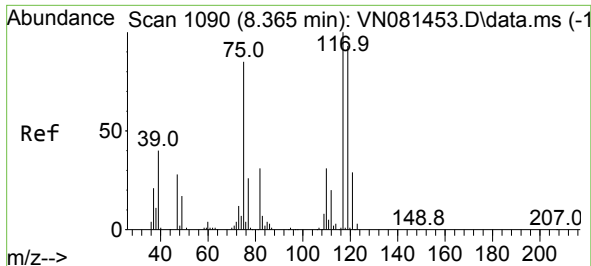
Tgt Ion:113 Resp: 209640
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 16.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.333 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

Tgt Ion: 75 Resp: 29792
Ion Ratio Lower Upper
75 100
110 9.3 16.0 48.0#
77 0.0 25.8 38.6#

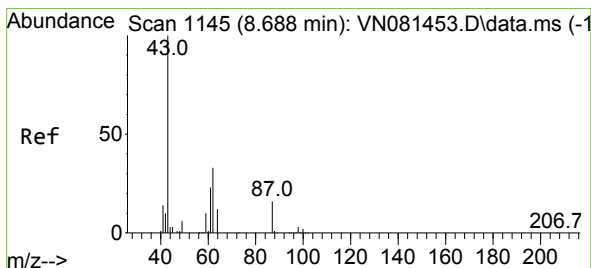
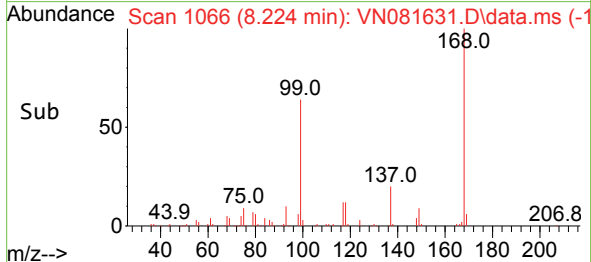
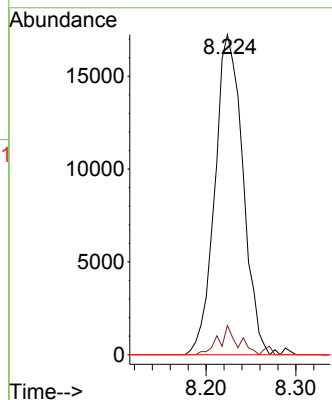
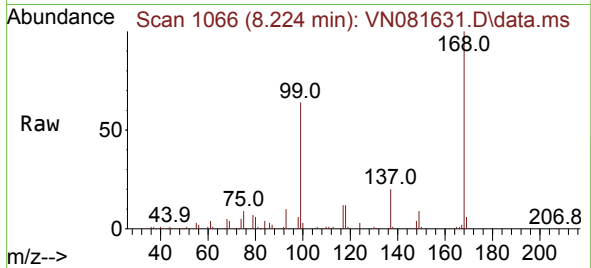




#38
Carbon Tetrachloride
Concen: 4.959 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

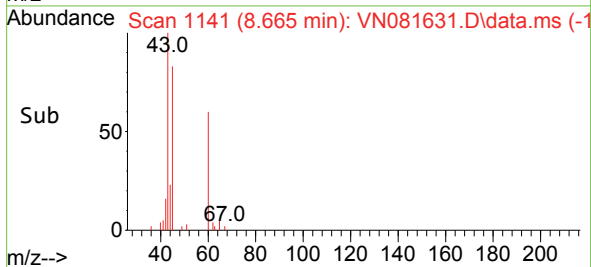
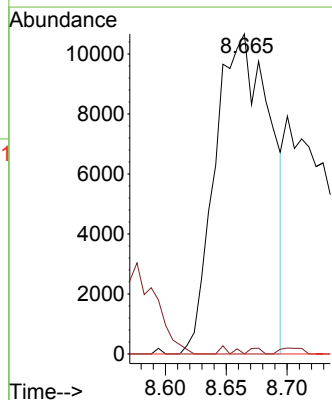
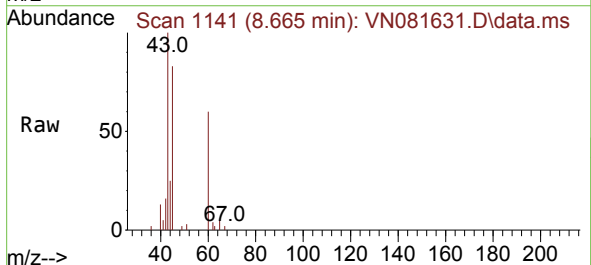
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

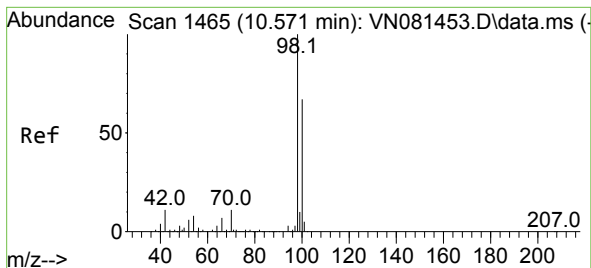
Tgt Ion:117 Resp: 37355
Ion Ratio Lower Upper
117 100
119 9.1 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 3.447 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

Tgt Ion: 43 Resp: 33642
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#

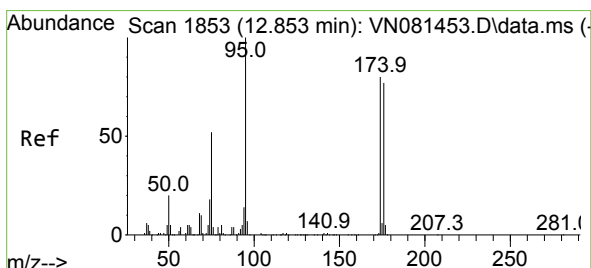
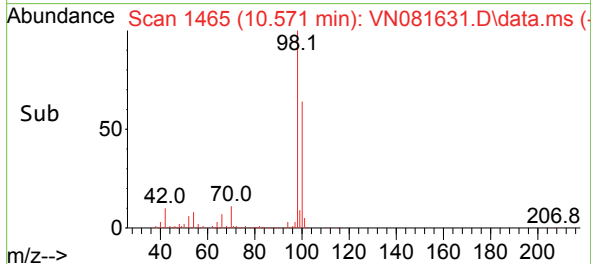
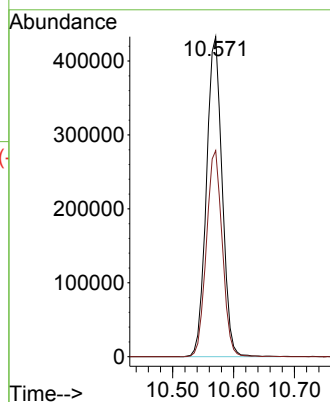
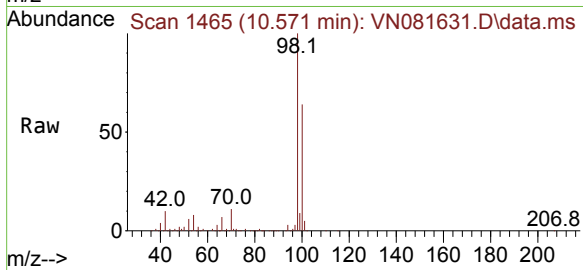




#50
Toluene-d8
Concen: 52.381 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

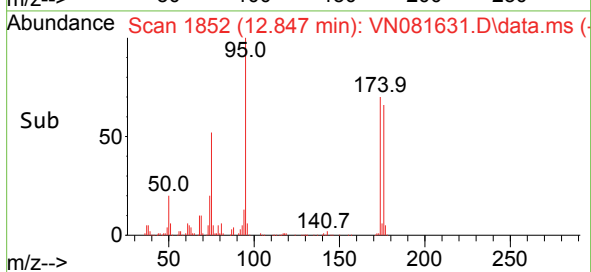
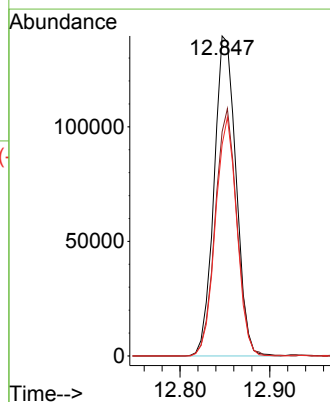
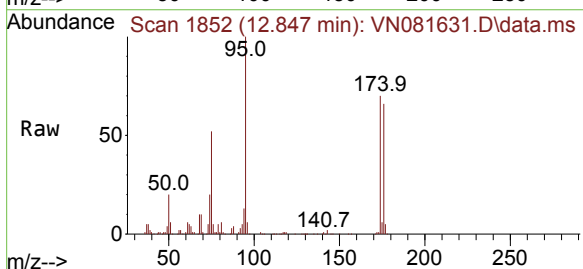
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

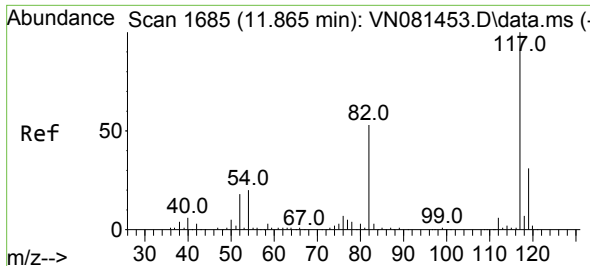
Tgt Ion: 98 Resp: 773660
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.699 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

Tgt Ion: 95 Resp: 237835
Ion Ratio Lower Upper
95 100
174 76.4 0.0 120.4
176 72.5 0.0 121.0

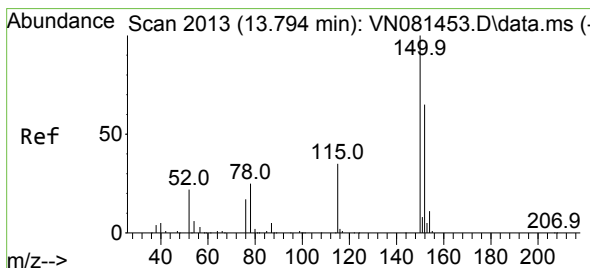
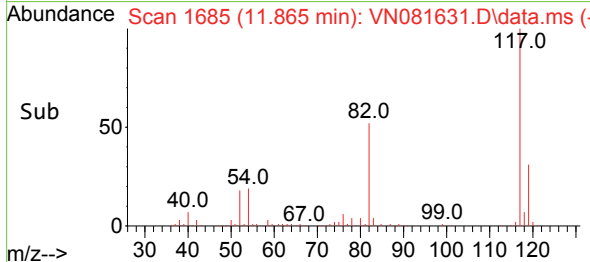
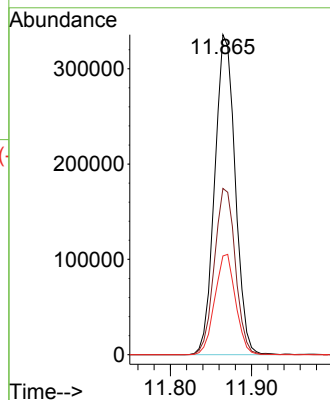
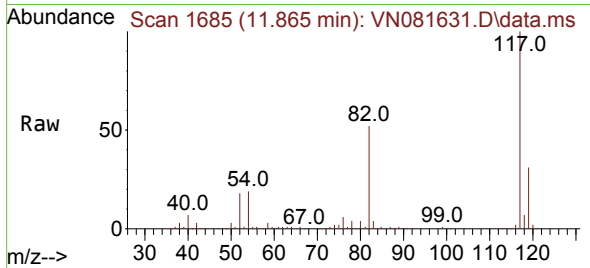




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

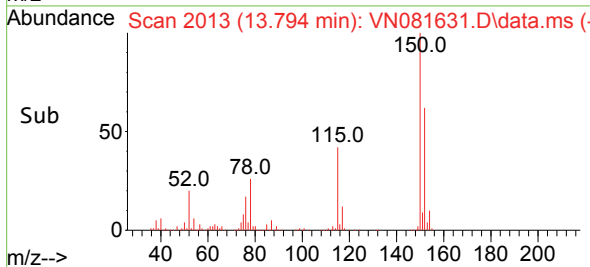
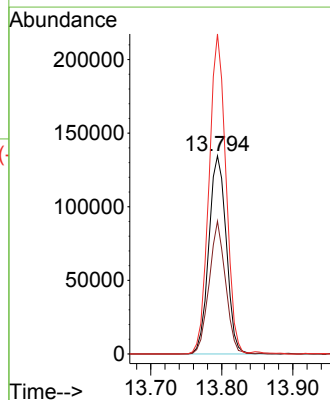
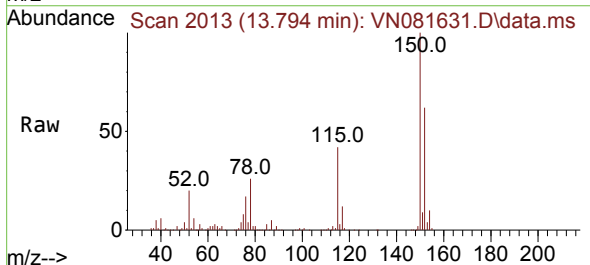
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

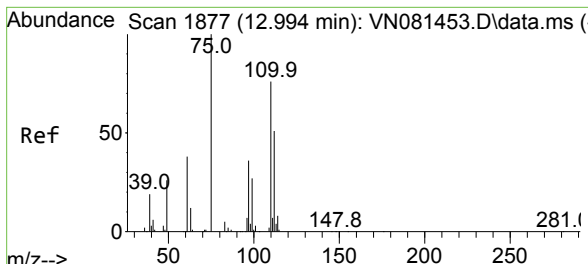
Tgt Ion:117 Resp: 588650
Ion Ratio Lower Upper
117 100
82 52.0 52.7 79.1#
119 30.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081631.D
Acq: 29 Mar 2024 21:28

Tgt Ion:152 Resp: 230134
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 156.1 0.0 339.8

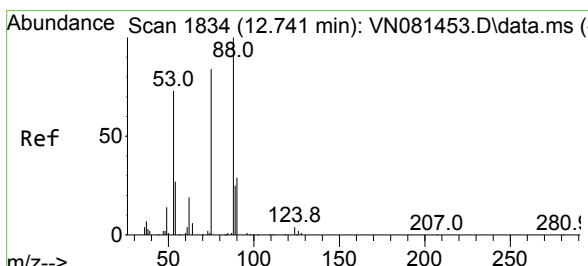
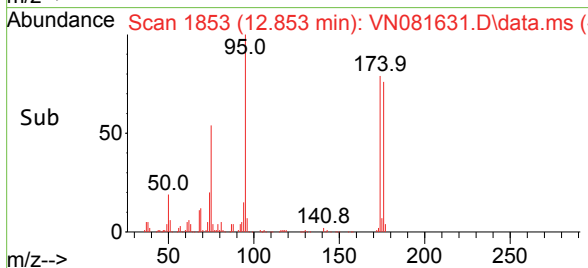
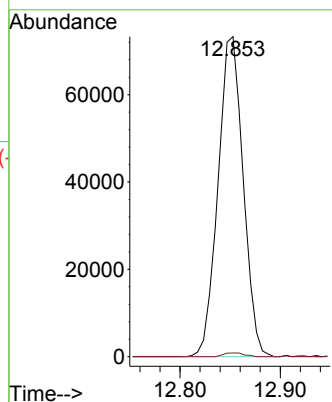
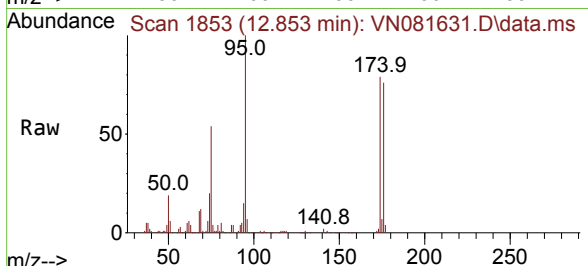




#76
 1,2,3-Trichloropropane
 Concen: 23.164 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN081631.D
 Acq: 29 Mar 2024 21:28

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

Tgt Ion: 75 Resp: 127518
 Ion Ratio Lower Upper
 75 100
 77 1.0 91.0 272.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.598 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.112 min
 Lab File: VN081631.D
 Acq: 29 Mar 2024 21:28

Tgt Ion: 75 Resp: 127518
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.4 107.2#
 89 0.0 33.4 50.0#

