

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082240.D
 Acq On : 21 May 2024 15:05
 Operator : JC\MD
 Sample : P2532-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: May 22 01:27:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

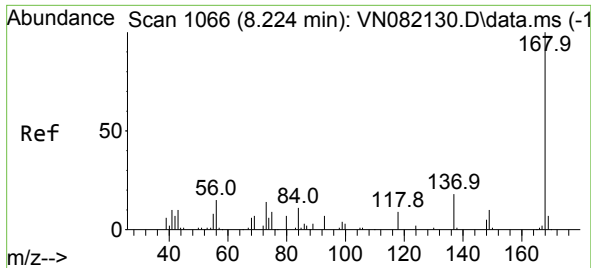
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	158916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	267426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137927	54.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.940%	
35) Dibromofluoromethane	8.165	113	92962	52.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.360%	
50) Toluene-d8	10.571	98	364621	53.889	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.780%	
62) 4-Bromofluorobenzene	12.853	95	121461	50.295	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 100.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	704	0.271	ug/l #	43
5) Bromomethane	2.965	94	692	0.493	ug/l #	60
16) Acetone	4.436	43	2721	2.643	ug/l	91
20) Methylene Chloride	5.277	84	607	0.292	ug/l #	95
31) Cyclohexane	8.235	56	4551	1.136	ug/l #	55
36) 1,1-Dichloropropene	8.224	75	14173	4.788	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17225	5.741	ug/l #	16
43) Isopropyl Acetate	8.688	43	6227	1.061	ug/l #	52
51) 4-Methyl-2-Pentanone	10.565	43	2199	0.659	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	72132	30.847	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72132	72.150	ug/l #	12

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

Quant Time: May 22 01:27:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

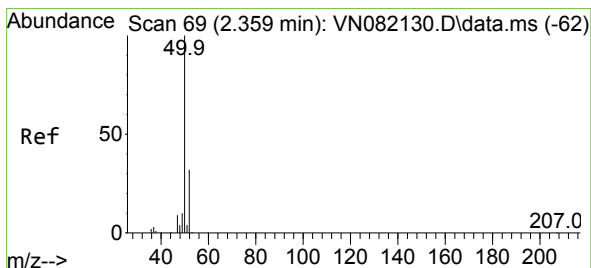
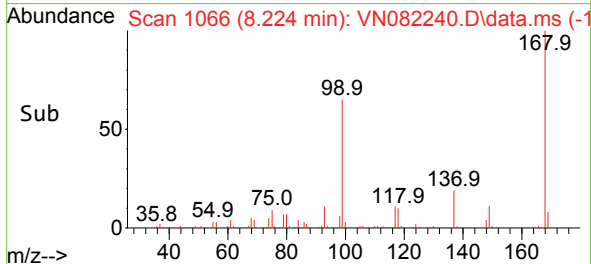
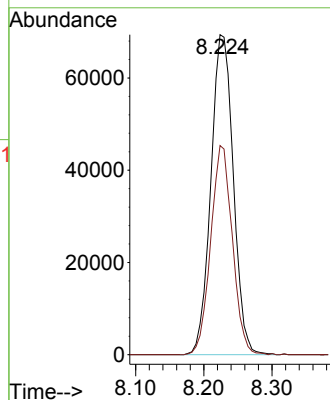
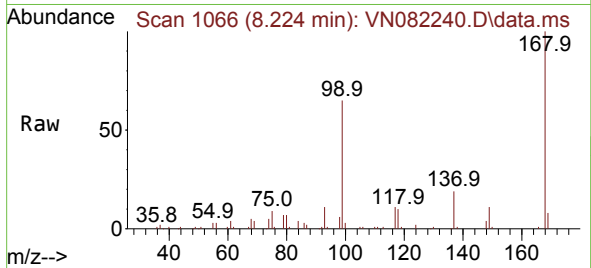




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

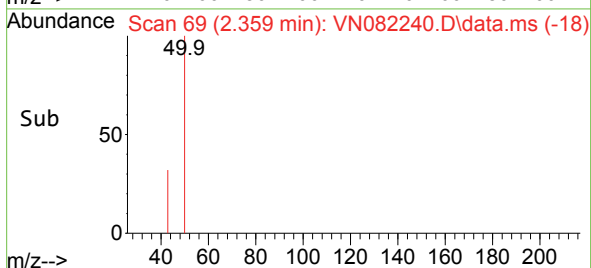
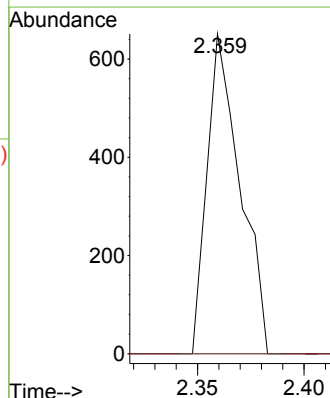
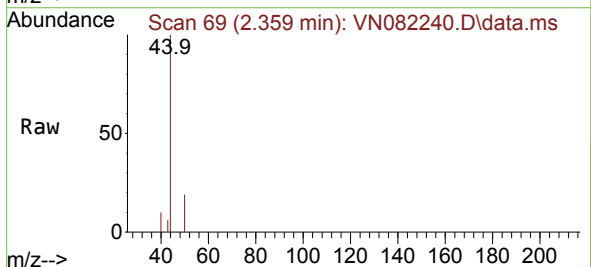
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

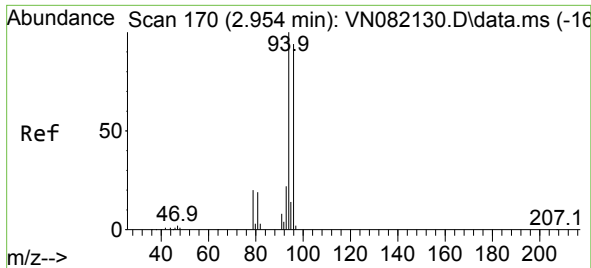
Tgt Ion:168 Resp: 158916
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.4



#3
Chloromethane
Concen: 0.271 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

Tgt Ion: 50 Resp: 704
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

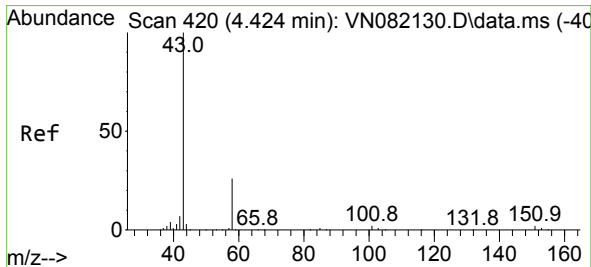
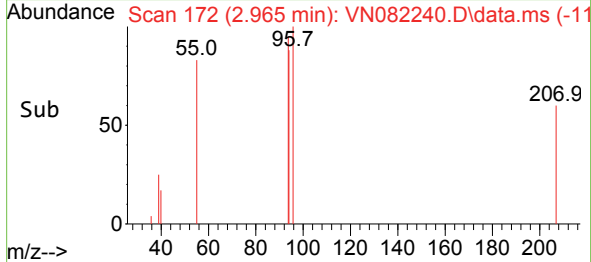
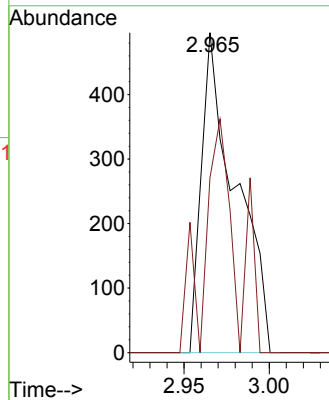
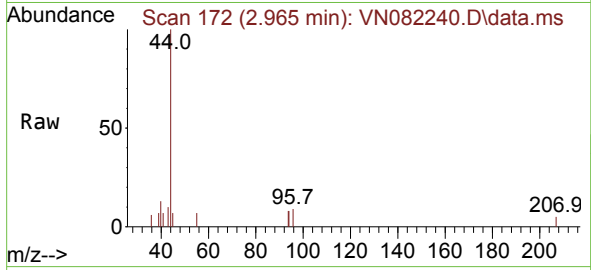




#5
Bromomethane
Concen: 0.493 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

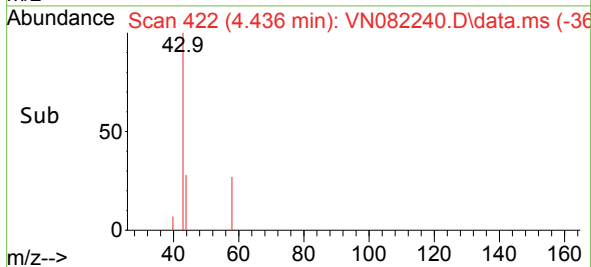
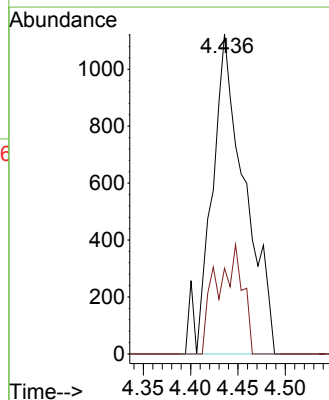
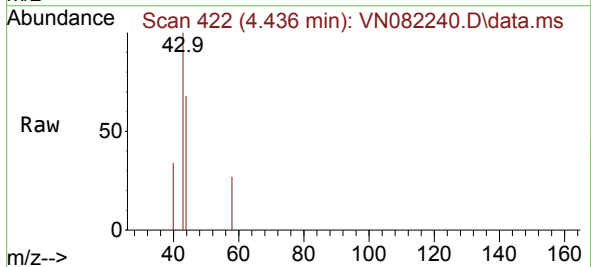
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

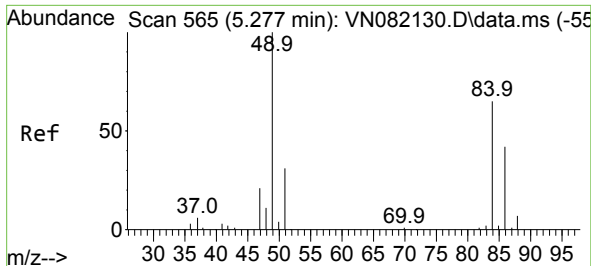
Tgt Ion: 94 Resp: 692
Ion Ratio Lower Upper
94 100
96 54.6 74.8 112.2#



#16
Acetone
Concen: 2.643 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

Tgt Ion: 43 Resp: 2721
Ion Ratio Lower Upper
43 100
58 26.8 25.2 37.8



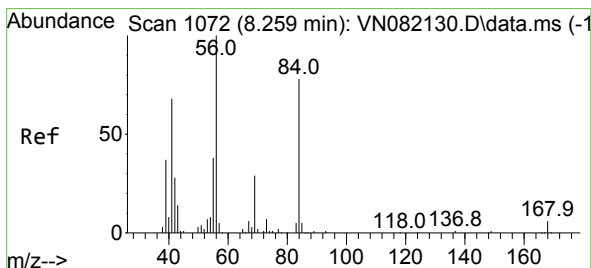
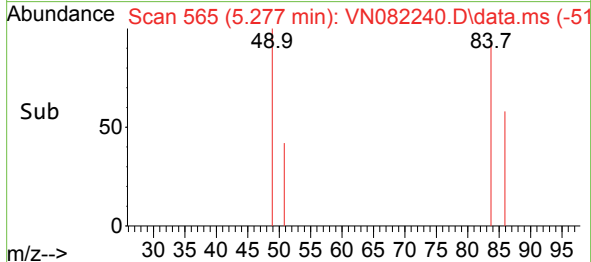
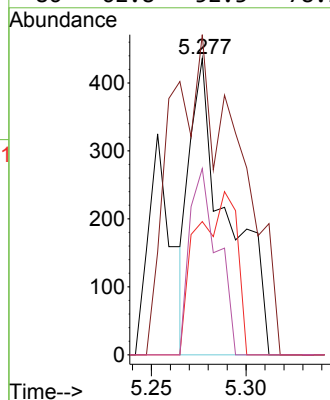
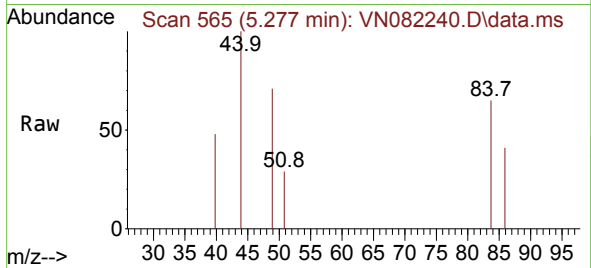


#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

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

Tgt Ion: 84 Resp: 607

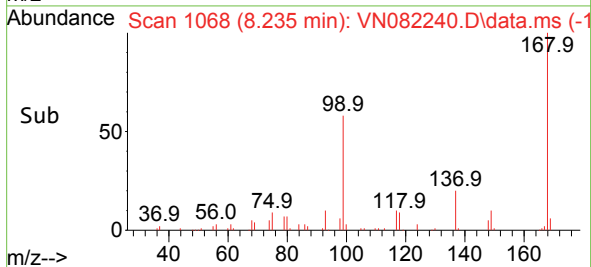
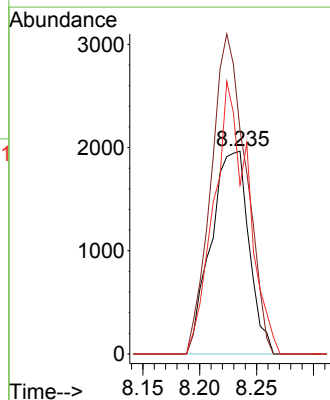
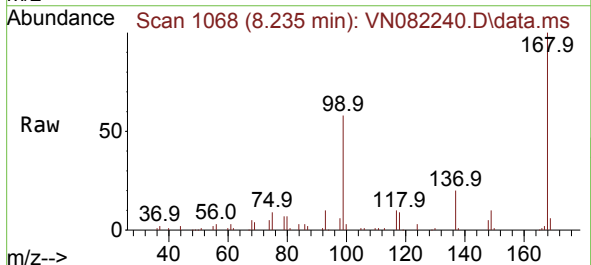
Ion	Ratio	Lower	Upper
84	100		
49	108.0	84.9	127.3
51	45.0	27.0	40.6#
86	62.8	52.3	78.5

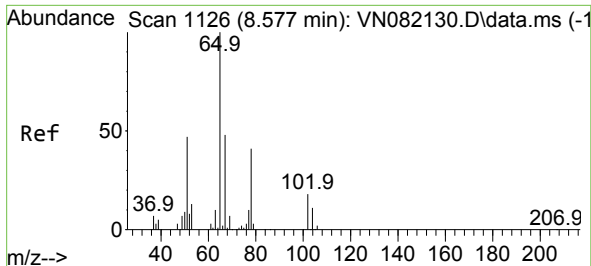


#31
Cyclohexane
Concen: 1.136 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.024 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

Tgt Ion: 56 Resp: 4551

Ion	Ratio	Lower	Upper
56	100		
69	110.4	24.4	36.6#
84	83.3	77.0	115.4





#33

1,2-Dichloroethane-d4

Concen: 54.966 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082240.D

Acq: 21 May 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

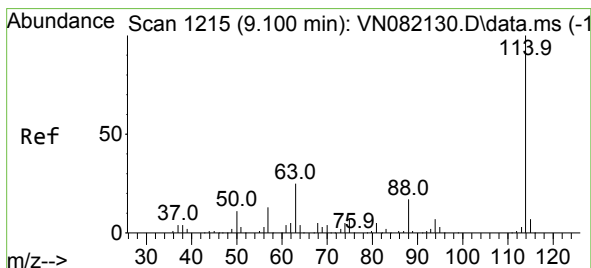
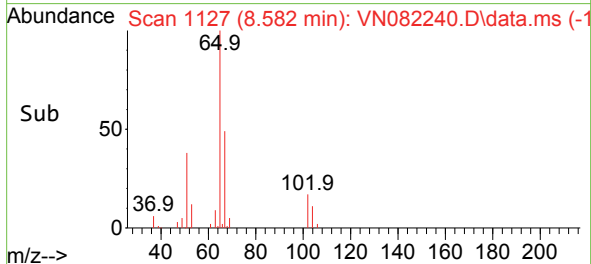
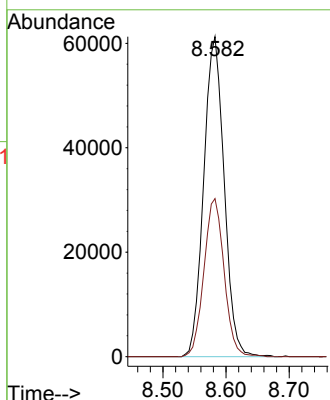
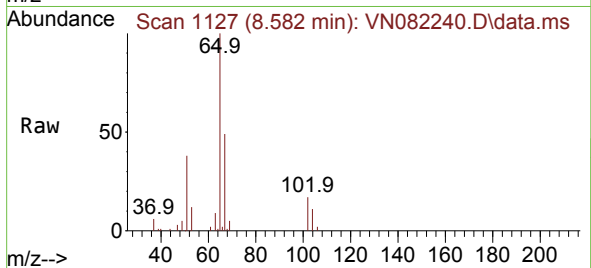
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 65 Resp: 137927

Ion Ratio Lower Upper

65 100

67 48.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082240.D

Acq: 21 May 2024 15:05

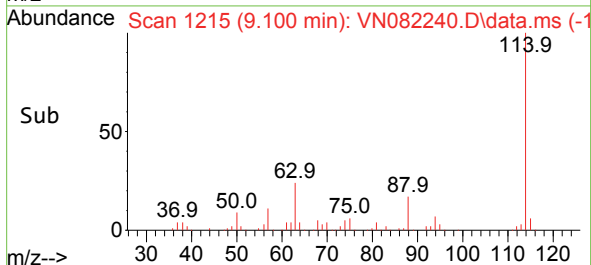
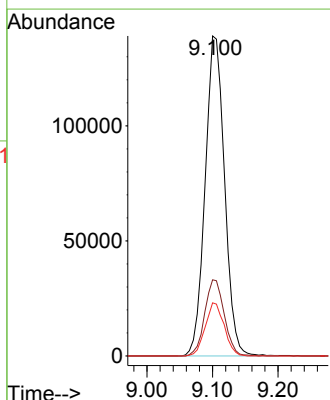
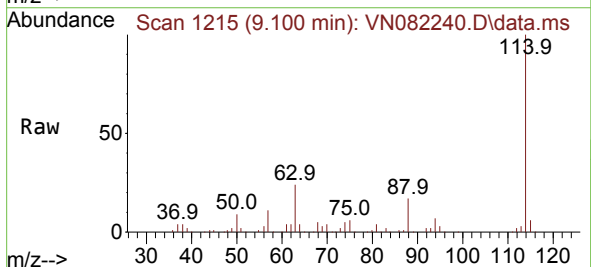
Tgt Ion: 114 Resp: 286888

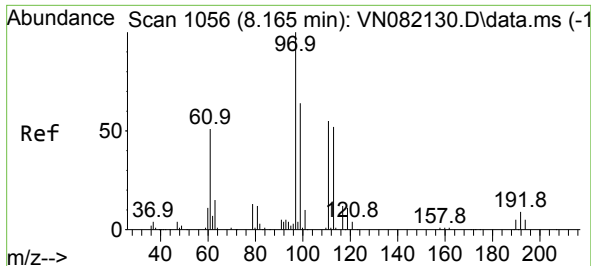
Ion Ratio Lower Upper

114 100

63 23.8 0.0 41.0

88 16.6 0.0 31.4

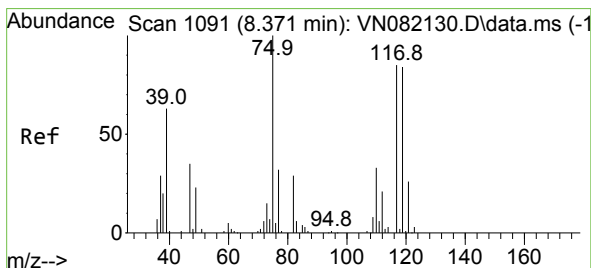
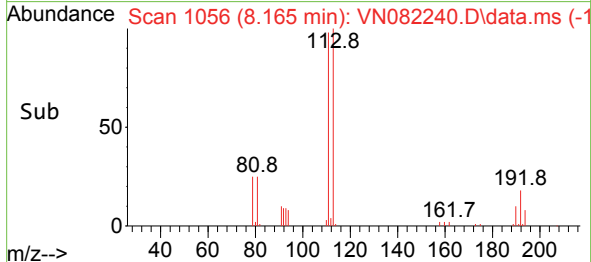
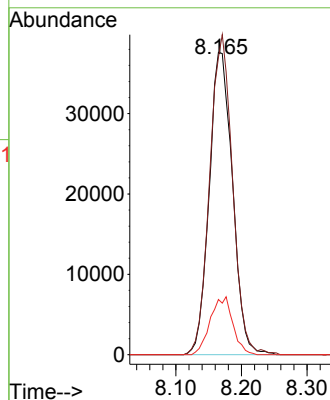
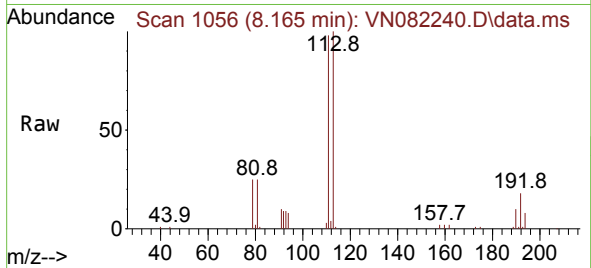




#35
Dibromofluoromethane
Concen: 52.676 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

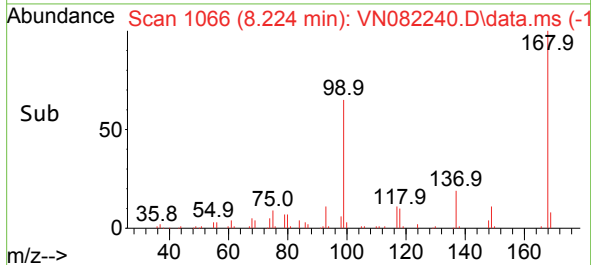
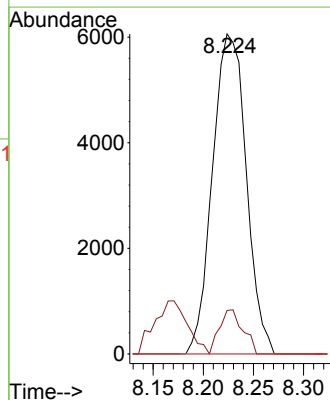
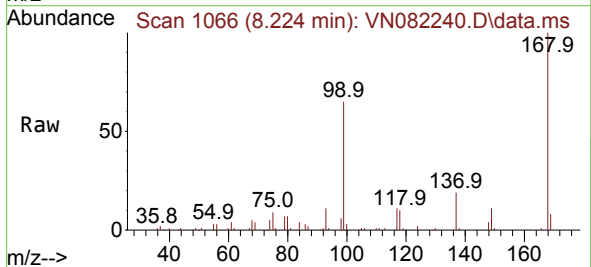
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

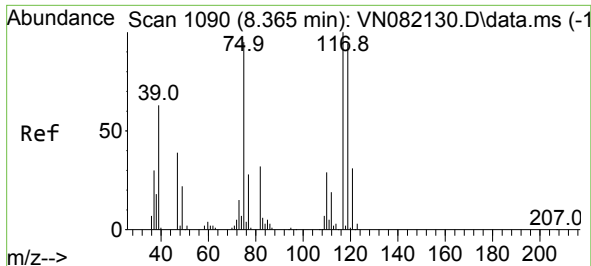
Tgt Ion:113 Resp: 92962
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.2
192 18.5 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.788 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

Tgt Ion: 75 Resp: 14173
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 25.0 37.4#

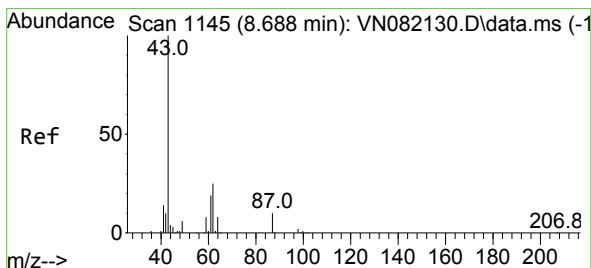
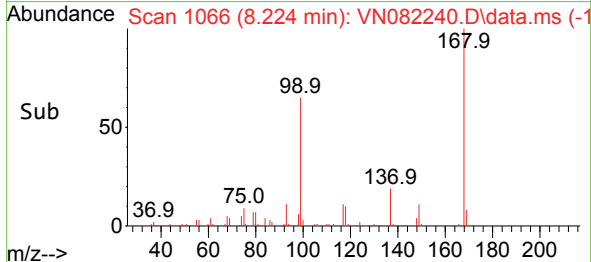
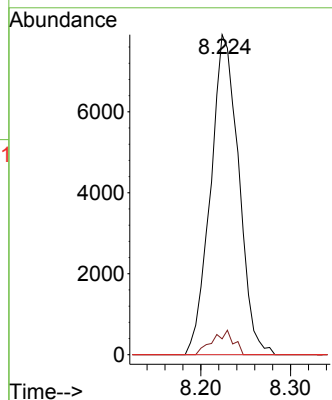
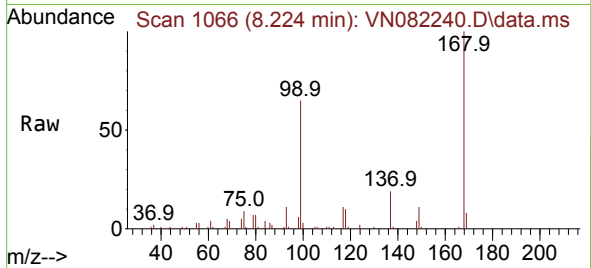




#38
Carbon Tetrachloride
Concen: 5.741 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

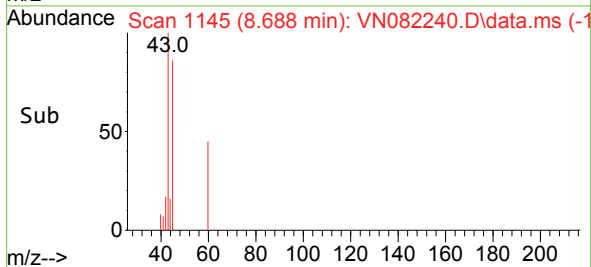
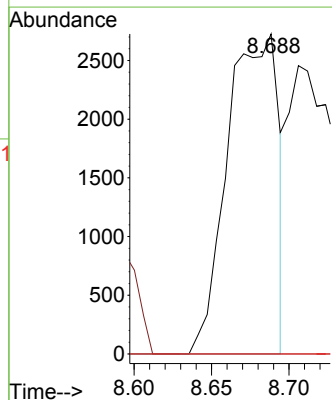
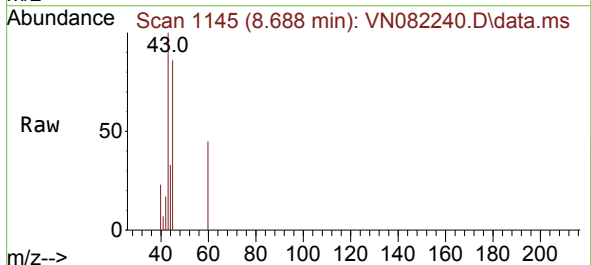
Instrument :
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STORAGE-BLANK-WATER-REF-5

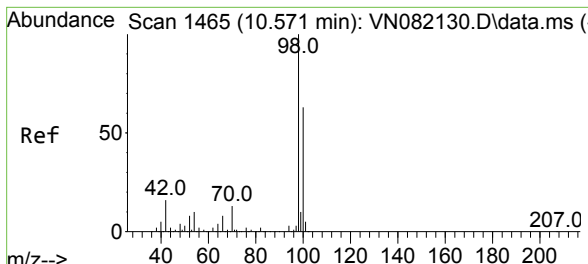
Tgt Ion: 117 Resp: 17225
Ion Ratio Lower Upper
117 100
119 5.0 76.5 114.7#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 1.061 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

Tgt Ion: 43 Resp: 6227
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#

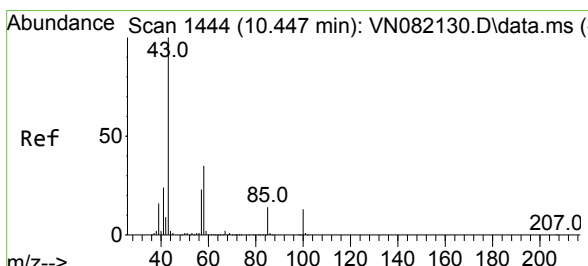
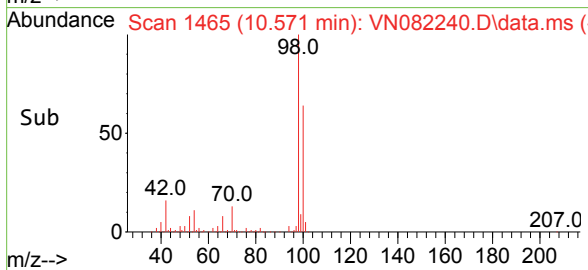
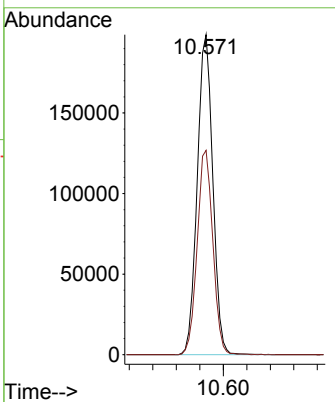
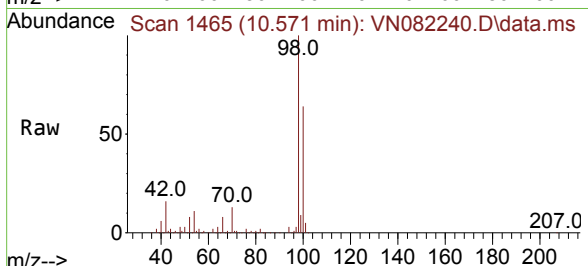




#50
Toluene-d8
Concen: 53.889 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

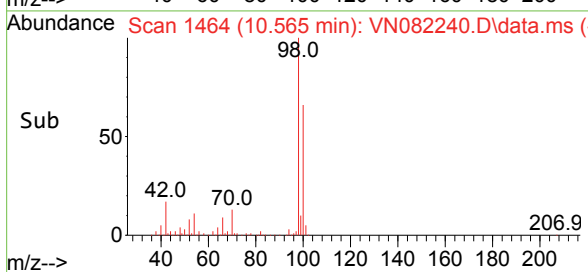
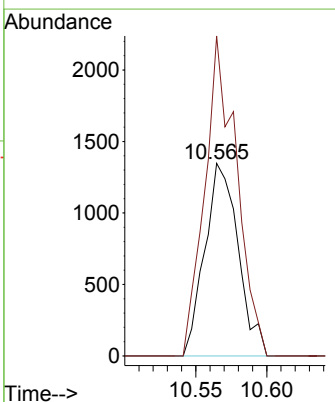
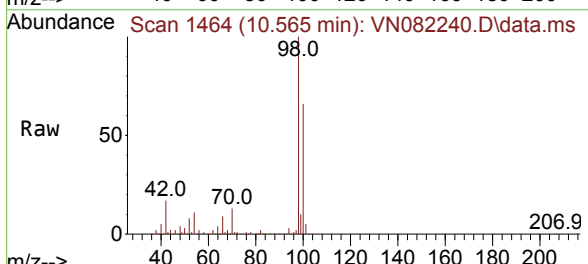
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

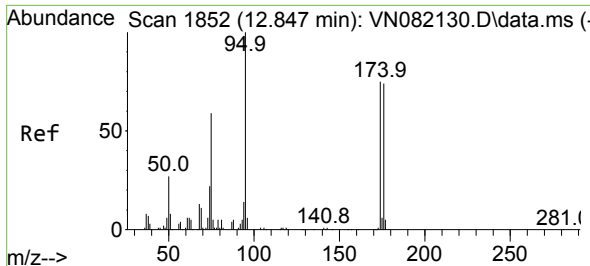
Tgt Ion:	98	Resp:	364621
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.8	77.6



#51
4-Methyl-2-Pentanone
Concen: 0.659 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

Tgt Ion:	43	Resp:	2199
Ion Ratio	Lower	Upper	
43	100		
58	158.3	33.2	49.8#

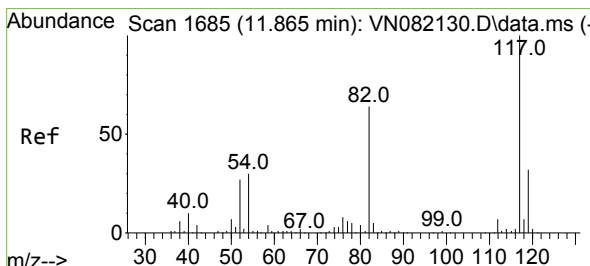
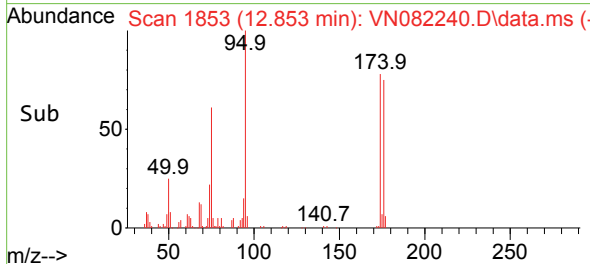
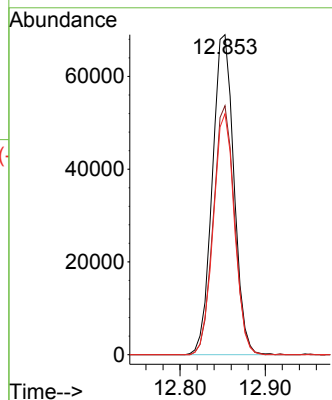
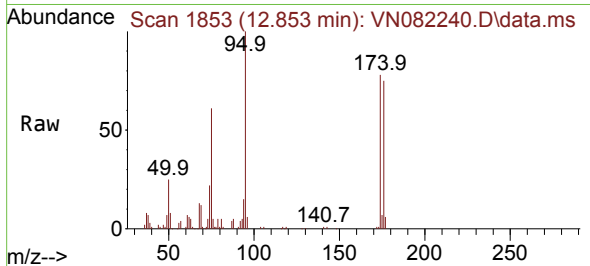




#62
4-Bromofluorobenzene
Concen: 50.295 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

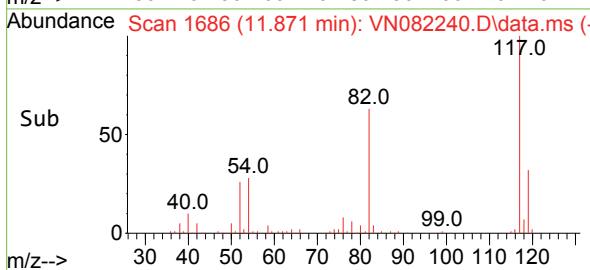
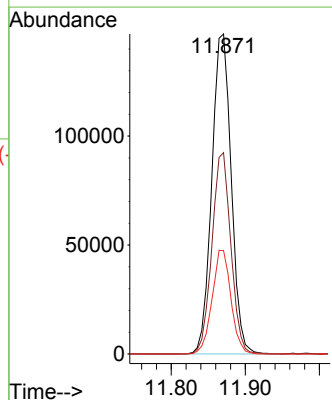
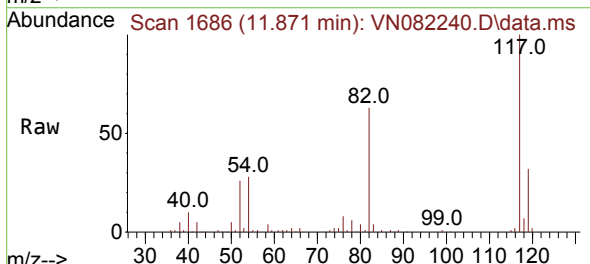
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

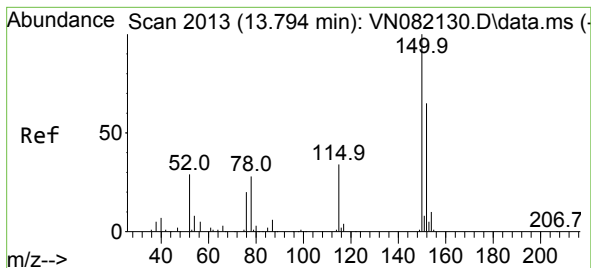
Tgt Ion: 95 Resp: 121461
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.6
176 73.8 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082240.D
Acq: 21 May 2024 15:05

Tgt Ion: 117 Resp: 267426
Ion Ratio Lower Upper
117 100
82 62.9 44.6 66.8
119 32.3 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: VN082240.D

Acq: 21 May 2024 15:05

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

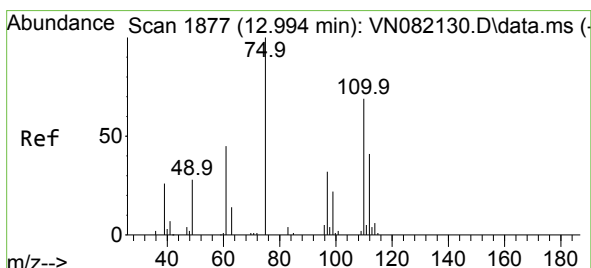
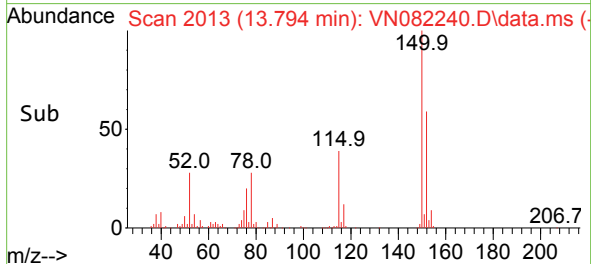
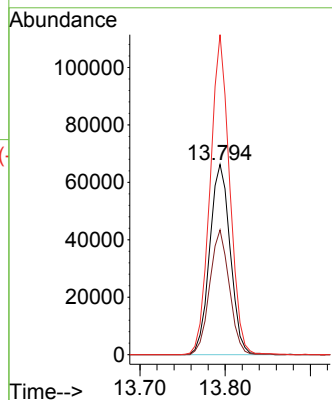
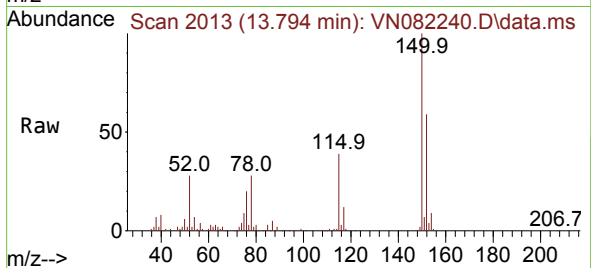
Tgt Ion:152 Resp: 111099

Ion Ratio Lower Upper

152 100

115 62.8 30.4 91.3

150 159.7 0.0 353.2



#76

1,2,3-Trichloropropane

Concen: 30.847 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082240.D

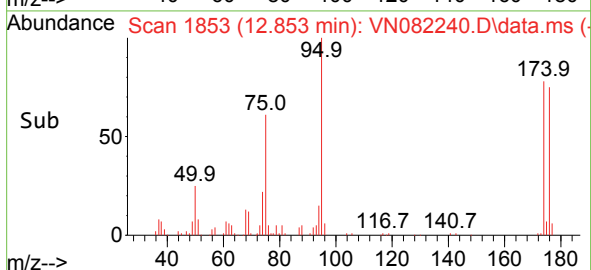
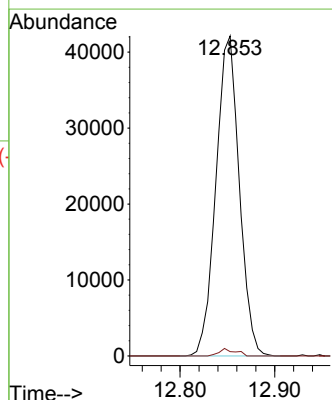
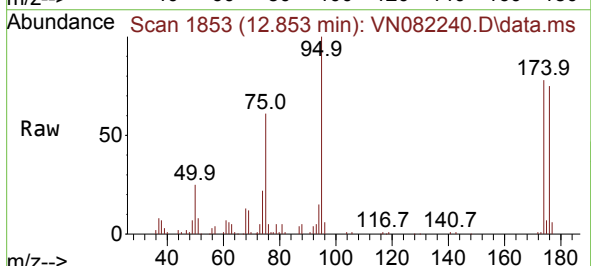
Acq: 21 May 2024 15:05

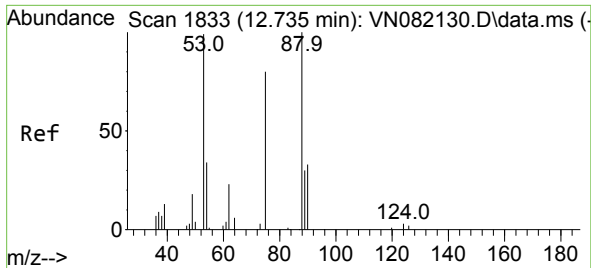
Tgt Ion: 75 Resp: 72132

Ion Ratio Lower Upper

75 100

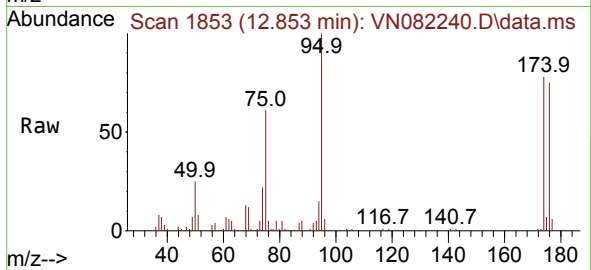
77 1.6 90.5 271.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.150 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN082240.D
 Acq: 21 May 2024 15:05

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



Tgt Ion: 75 Resp: 72132
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.9 109.3#
 89 0.0 39.1 58.7#

