

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081674.D
 Acq On : 08 Apr 2024 15:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 09 01:56:11 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

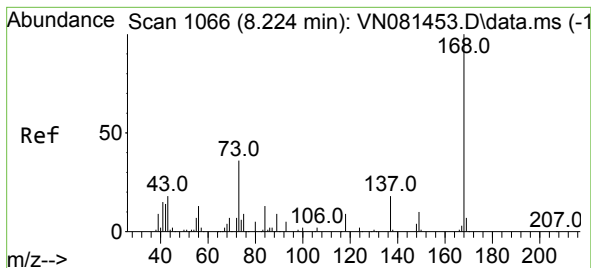
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	430695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	780801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	705757	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	310137	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	275432	50.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.300%	
35) Dibromofluoromethane	8.165	113	243844	49.485	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.960%	
50) Toluene-d8	10.571	98	902108	50.644	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.853	95	311167	49.576	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 99.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	2027	0.442	ug/l #	50
13) Acrolein	4.177	56	768	0.894	ug/l #	45
16) Acetone	4.424	43	77113	43.443	ug/l #	85
18) Methyl Acetate	5.018	43	1175	0.215	ug/l #	54
31) Cyclohexane	8.224	56	9168	1.026	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	34172	4.121	ug/l #	52
38) Carbon Tetrachloride	8.218	117	46424	5.110	ug/l #	19
43) Isopropyl Acetate	8.671	43	19444	1.652	ug/l #	57
49) 1,4-Dioxane	9.706	88	70	0.537	ug/l #	1
52) Toluene	10.629	92	34245	2.222	ug/l	95
67) Ethyl Benzene	11.959	91	9794	0.338	ug/l #	88
68) m/p-Xylenes	12.071	106	10500	0.966	ug/l	93
69) o-Xylene	12.394	106	3315	0.311	ug/l	78
76) 1,2,3-Trichloropropane	12.853	75	162281	21.875	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	162281	59.113	ug/l #	14

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

Quant Time: Apr 09 01:56:11 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

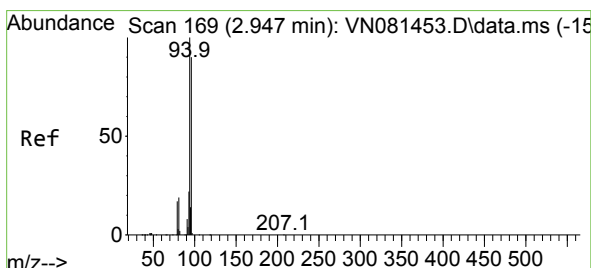
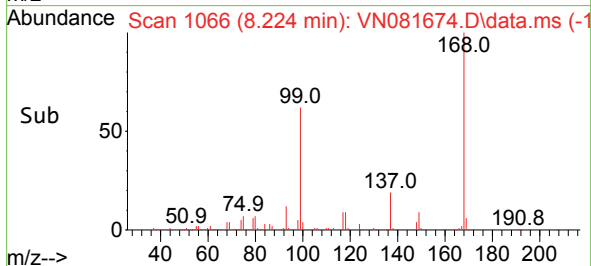
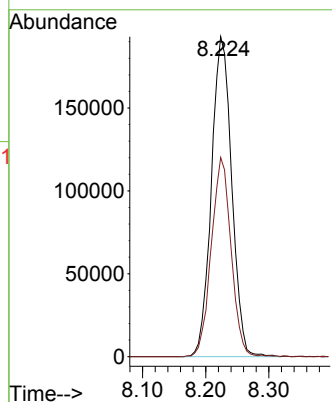
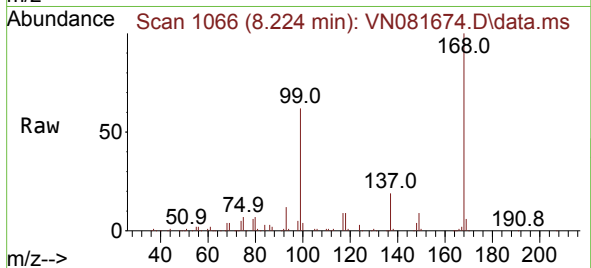
IBLK

Tgt Ion:168 Resp: 430695

Ion Ratio Lower Upper

168 100

99 62.3 59.9 89.9



#5

Bromomethane

Concen: 0.442 ug/l

RT: 2.977 min Scan# 174

Delta R.T. 0.030 min

Lab File: VN081674.D

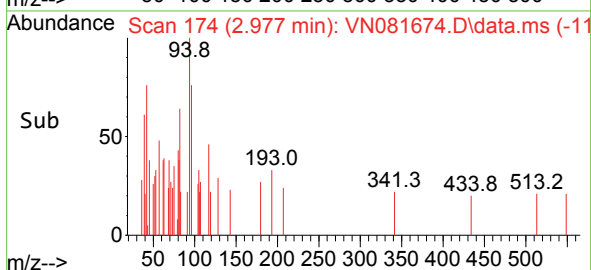
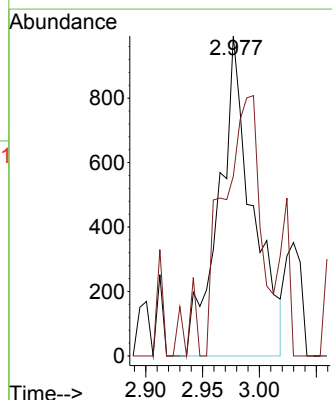
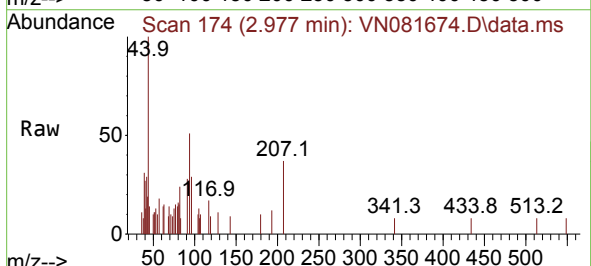
Acq: 08 Apr 2024 15:12

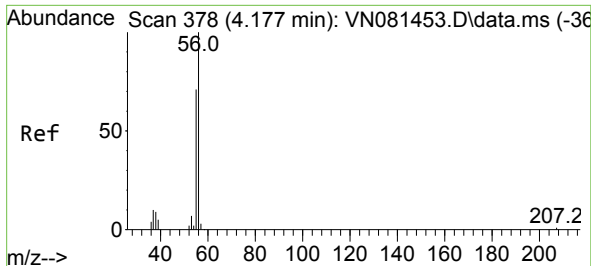
Tgt Ion: 94 Resp: 2027

Ion Ratio Lower Upper

94 100

96 40.8 69.2 103.8#

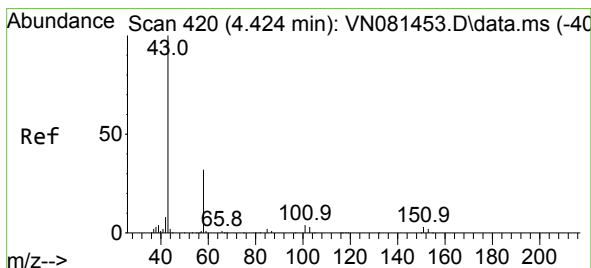
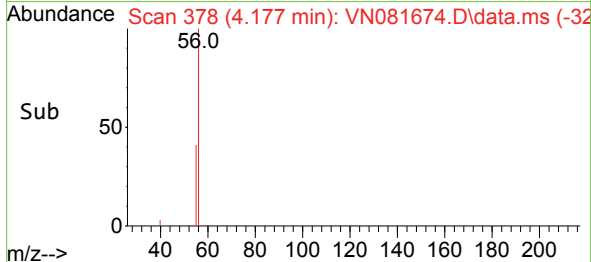
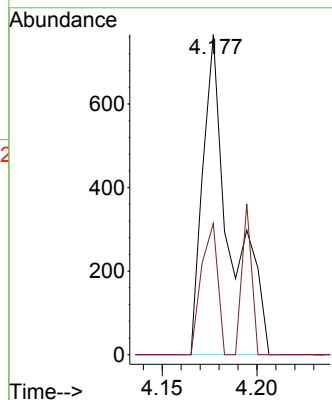
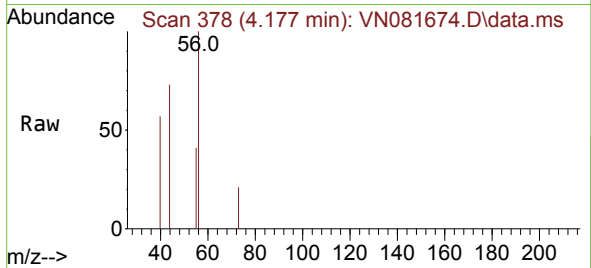




#13
Acrolein
Concen: 0.894 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

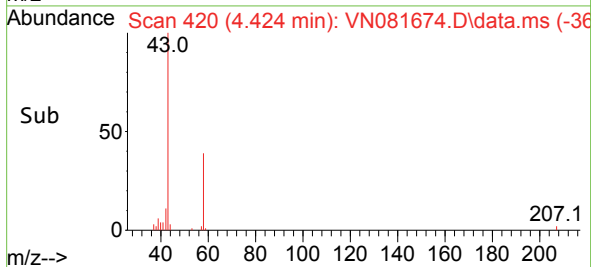
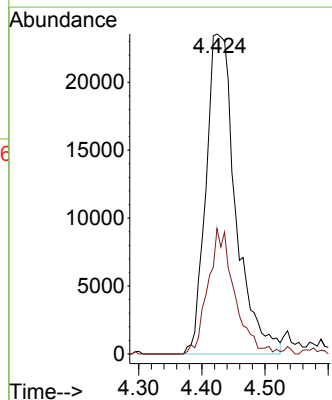
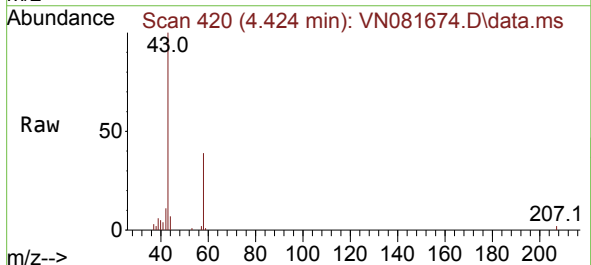
Instrument :
MSVOA_N
ClientSampleId :
IBLK

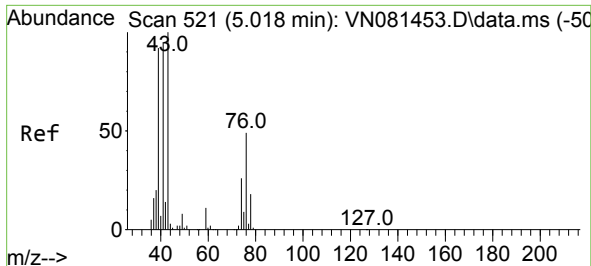
Tgt Ion: 56 Resp: 768
Ion Ratio Lower Upper
56 100
55 24.5 55.3 82.9#



#16
Acetone
Concen: 43.443 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

Tgt Ion: 43 Resp: 77113
Ion Ratio Lower Upper
43 100
58 39.2 24.8 37.2#

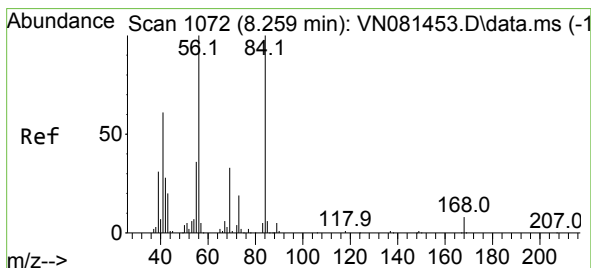
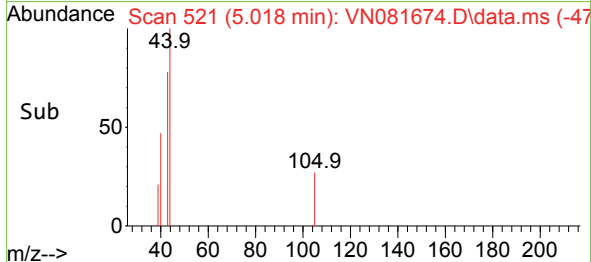
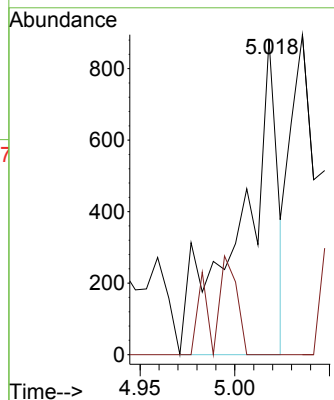
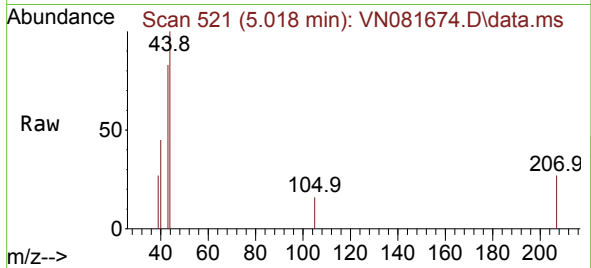




#18
Methyl Acetate
Concen: 0.215 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

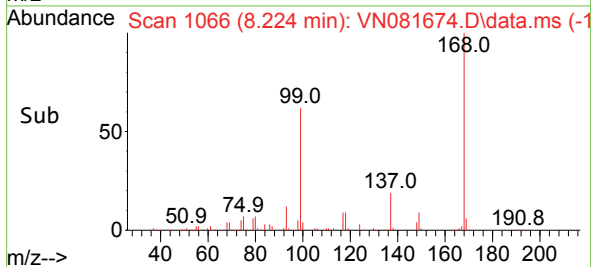
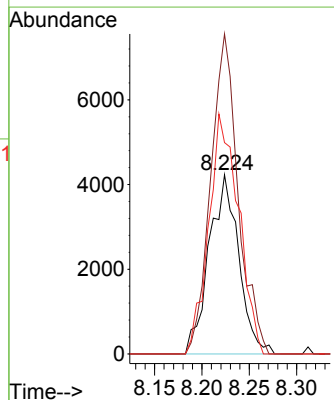
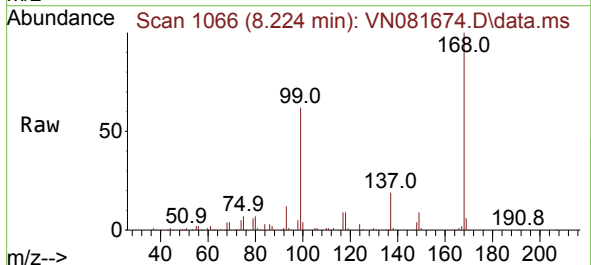
Instrument :
MSVOA_N
ClientSampleId :
IBLK

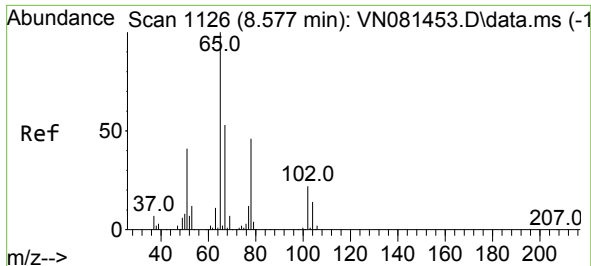
Tgt Ion: 43 Resp: 1175
Ion Ratio Lower Upper
43 100
74 0.0 17.3 25.9#



#31
Cyclohexane
Concen: 1.026 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

Tgt Ion: 56 Resp: 9168
Ion Ratio Lower Upper
56 100
69 178.5 20.1 30.1#
84 117.9 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 50.147 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

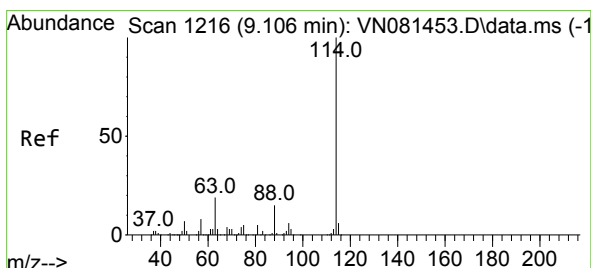
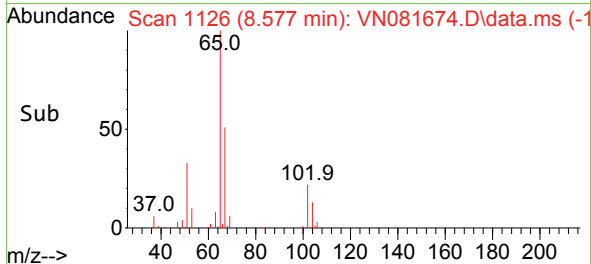
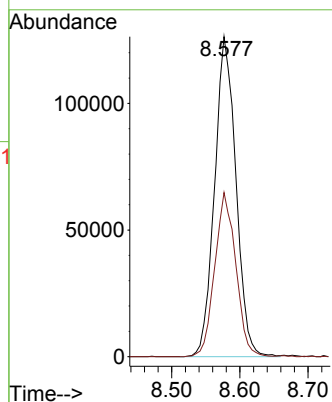
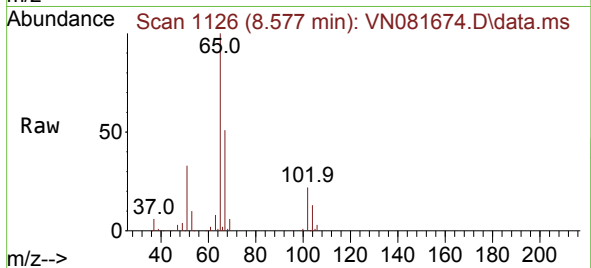
IBLK

Tgt Ion: 65 Resp: 275432

Ion Ratio Lower Upper

65 100

67 50.6 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

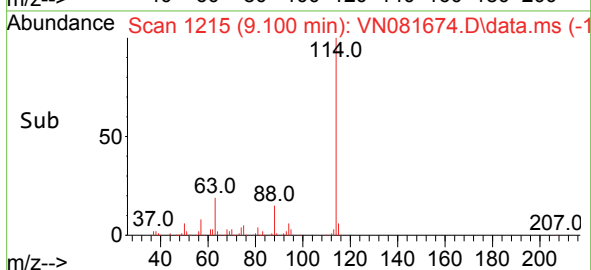
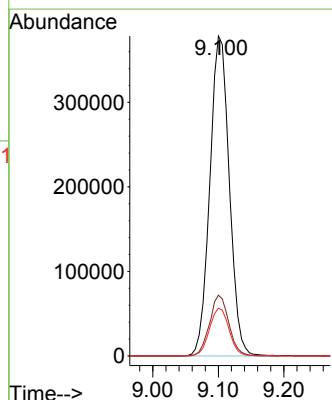
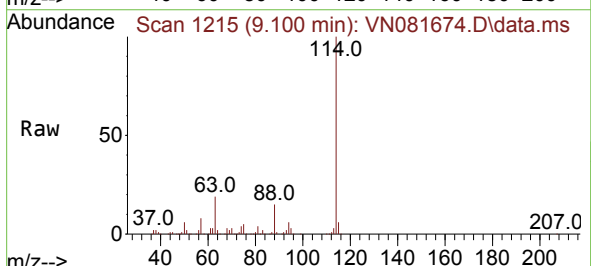
Tgt Ion: 114 Resp: 780801

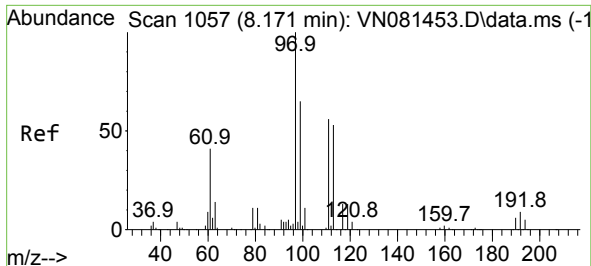
Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 15.0 0.0 34.8

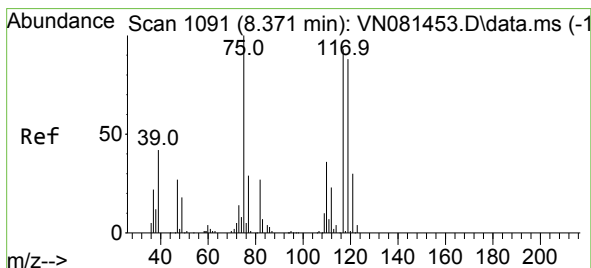
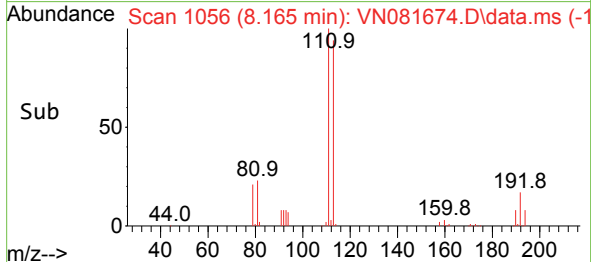
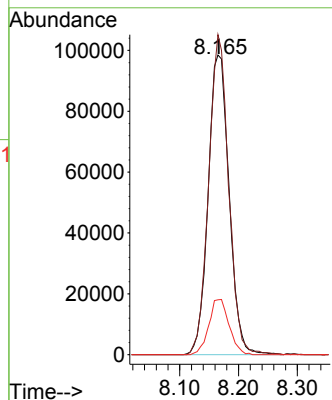
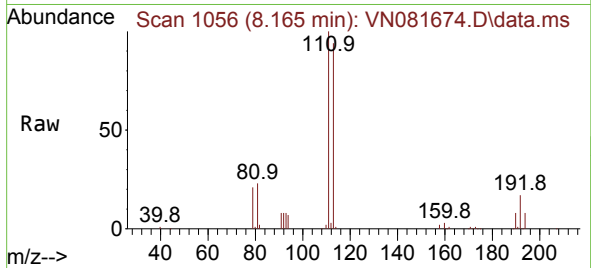




#35
 Dibromofluoromethane
 Concen: 49.485 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081674.D
 Acq: 08 Apr 2024 15:12

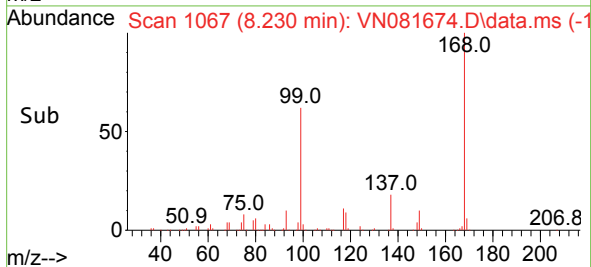
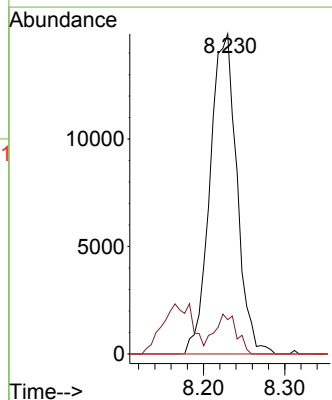
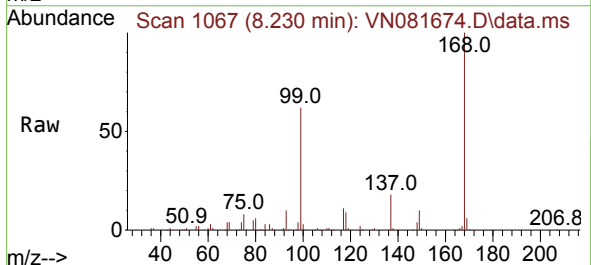
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

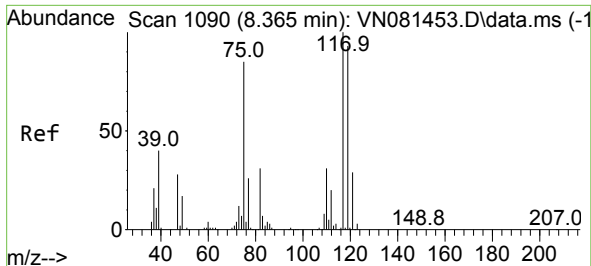
Tgt Ion:113 Resp: 243844
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.4
 192 17.8 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 4.121 ug/l
 RT: 8.230 min Scan# 1067
 Delta R.T. -0.141 min
 Lab File: VN081674.D
 Acq: 08 Apr 2024 15:12

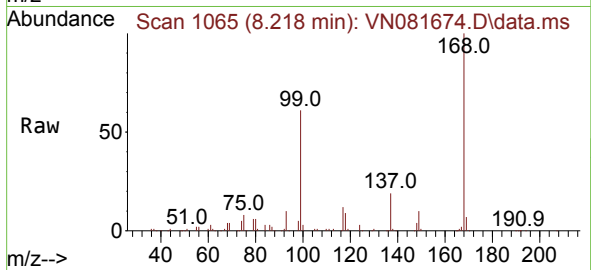
Tgt Ion: 75 Resp: 34172
 Ion Ratio Lower Upper
 75 100
 110 10.4 16.0 48.0#
 77 0.0 25.8 38.6#



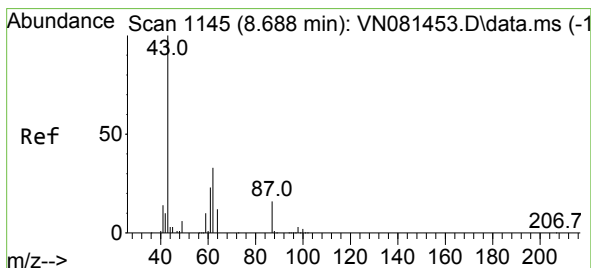
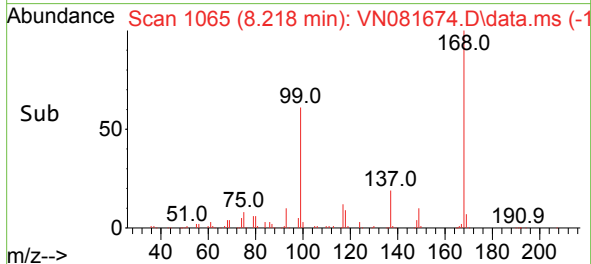
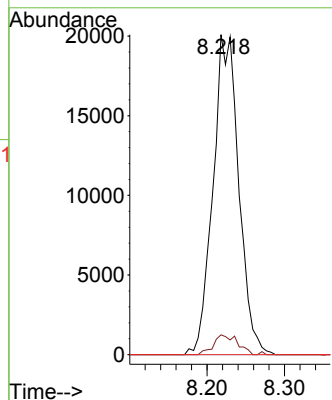


#38
Carbon Tetrachloride
Concen: 5.110 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

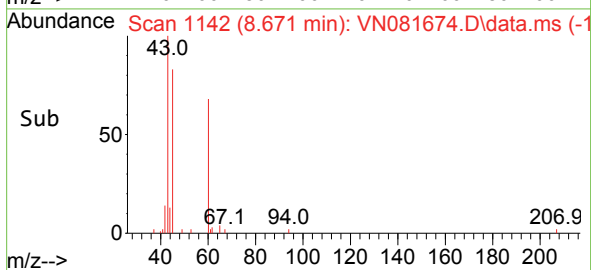
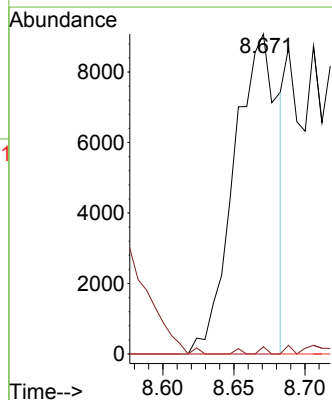
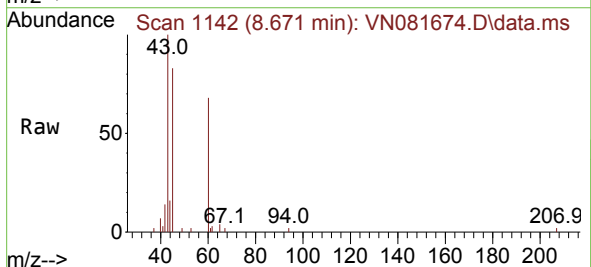


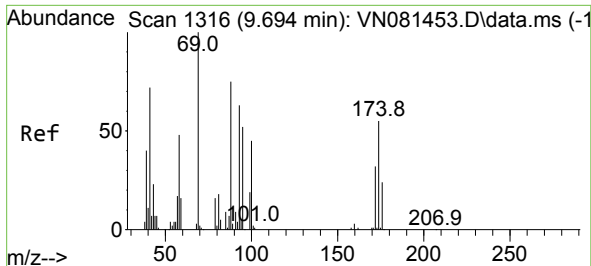
Tgt Ion:117 Resp: 46424
Ion Ratio Lower Upper
117 100
119 6.2 73.4 110.2#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 1.652 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.018 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

Tgt Ion: 43 Resp: 19444
Ion Ratio Lower Upper
43 100
61 0.0 19.9 29.9#
87 0.0 9.0 13.6#

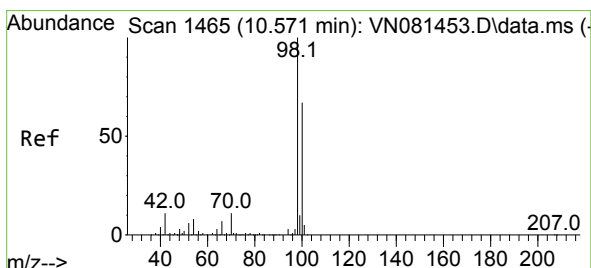
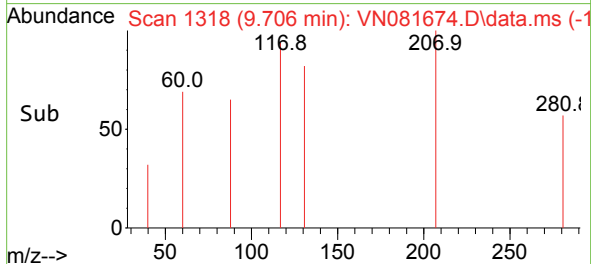
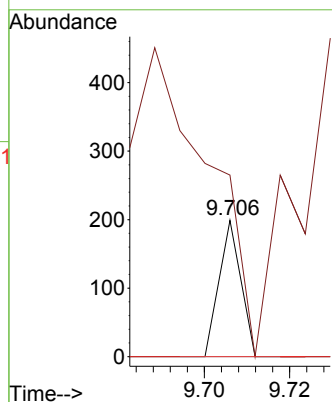
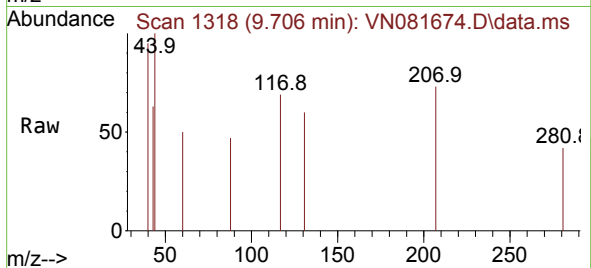




#49
1,4-Dioxane
Concen: 0.537 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

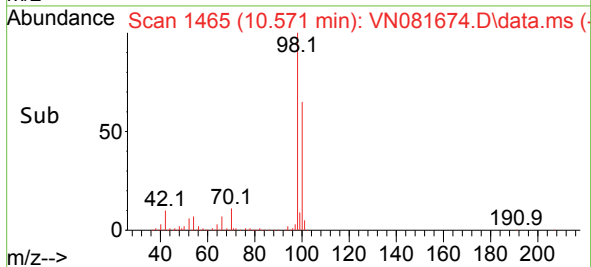
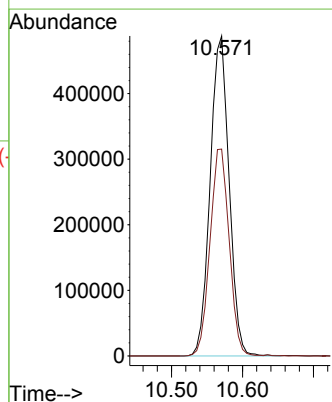
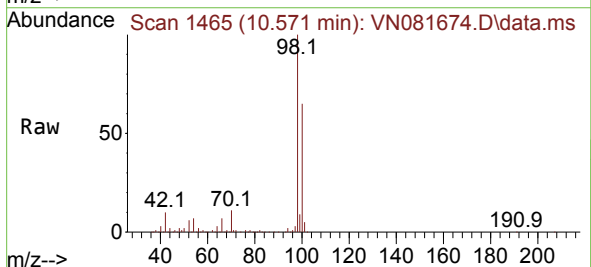
Instrument :
MSVOA_N
ClientSampleId :
IBLK

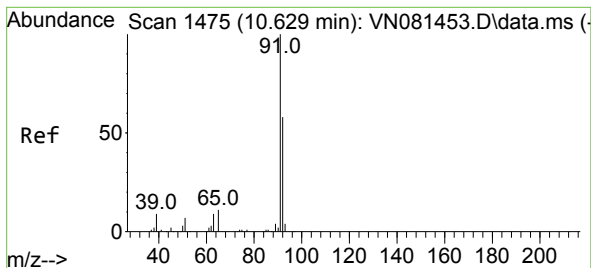
Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 937.1 30.1 45.1#
58 0.0 63.9 95.9#



#50
Toluene-d8
Concen: 50.644 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

Tgt Ion: 98 Resp: 902108
Ion Ratio Lower Upper
98 100
100 65.5 51.4 77.0





#52

Toluene

Concen: 2.222 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

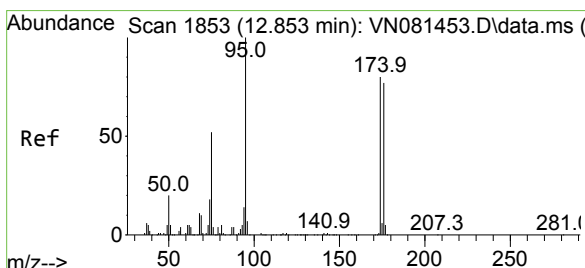
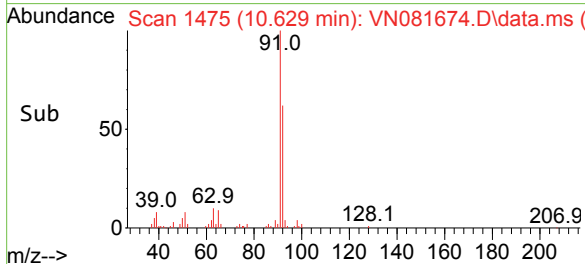
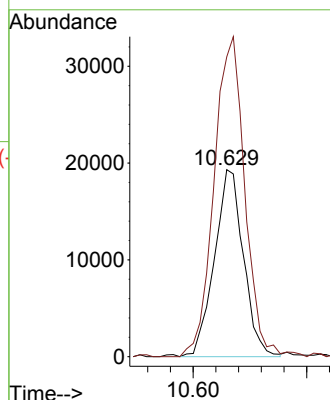
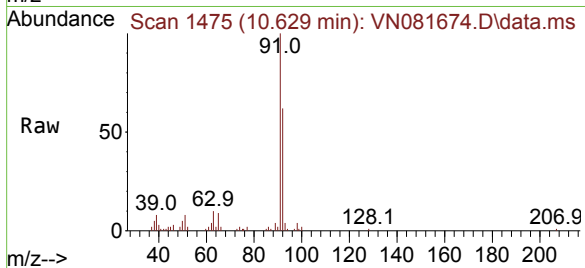
IBLK

Tgt Ion: 92 Resp: 34245

Ion Ratio Lower Upper

92 100

91 181.7 139.4 209.0



#62

4-Bromofluorobenzene

Concen: 49.576 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

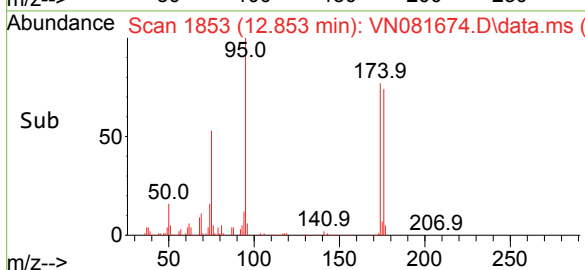
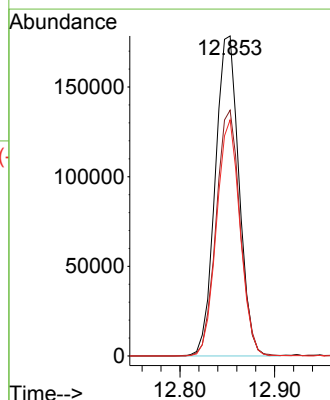
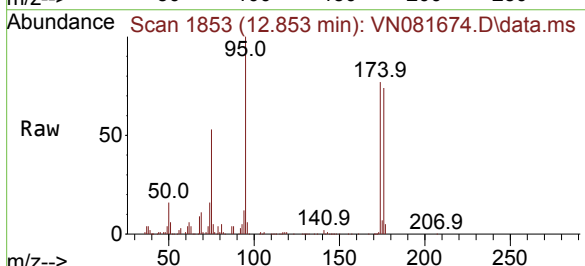
Tgt Ion: 95 Resp: 311167

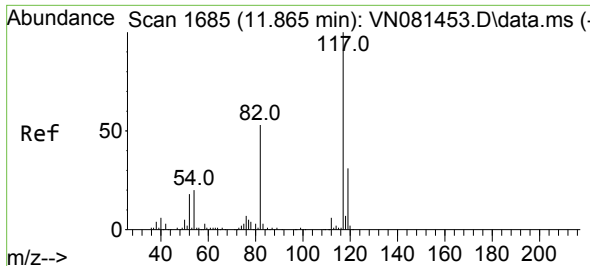
Ion Ratio Lower Upper

95 100

174 77.6 0.0 120.4

176 73.0 0.0 121.0

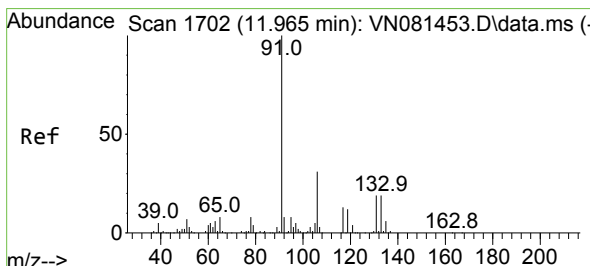
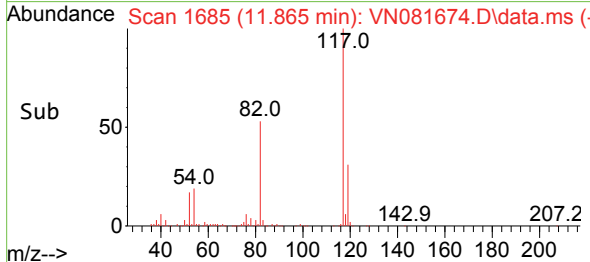
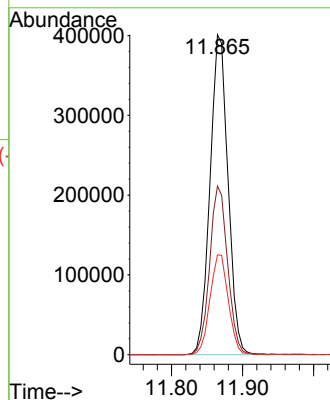
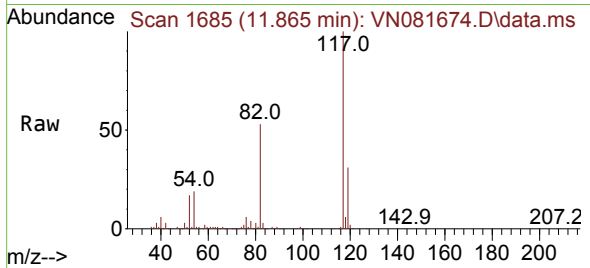




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

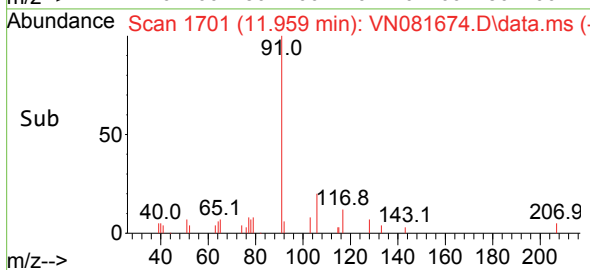
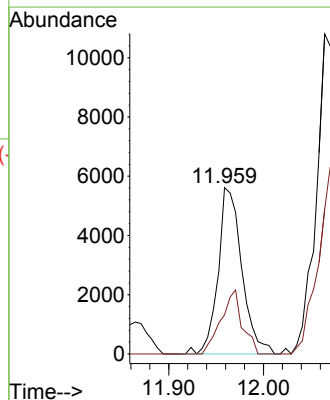
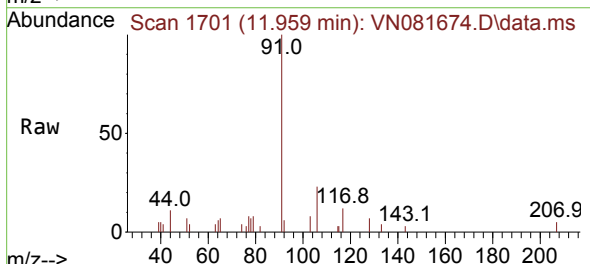
Instrument :
MSVOA_N
ClientSampleId :
IBLK

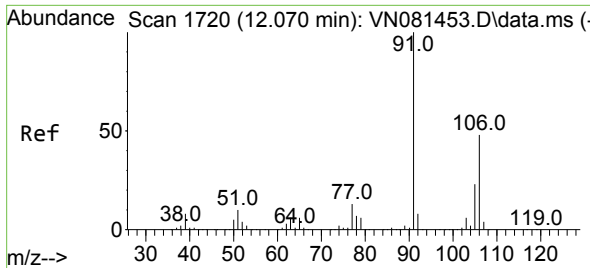
Tgt Ion:117 Resp: 705757
Ion Ratio Lower Upper
117 100
82 52.7 52.7 79.1#
119 31.2 25.3 37.9



#67
Ethyl Benzene
Concen: 0.338 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

Tgt Ion: 91 Resp: 9794
Ion Ratio Lower Upper
91 100
106 23.4 23.8 35.6#

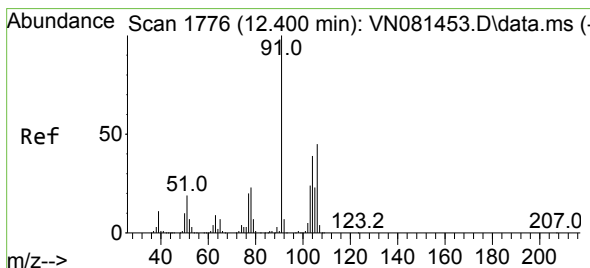
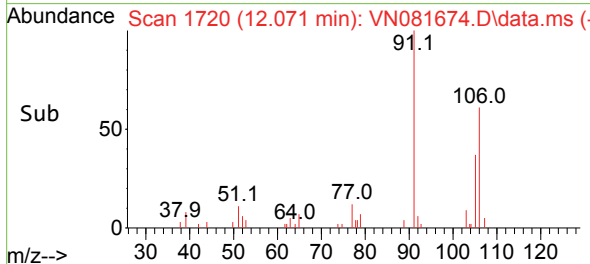
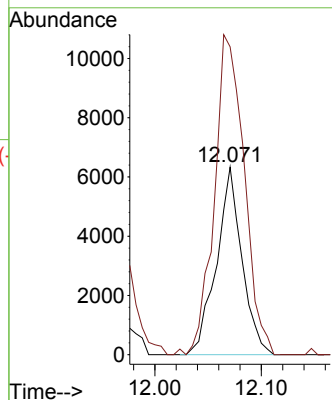
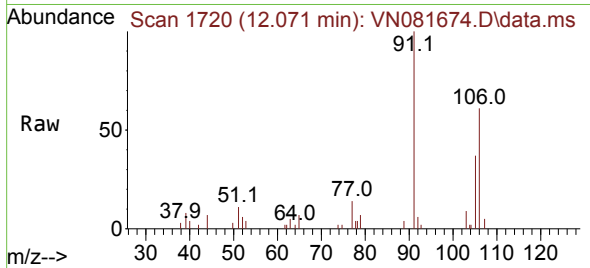




#68
m/p-Xylenes
Concen: 0.966 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

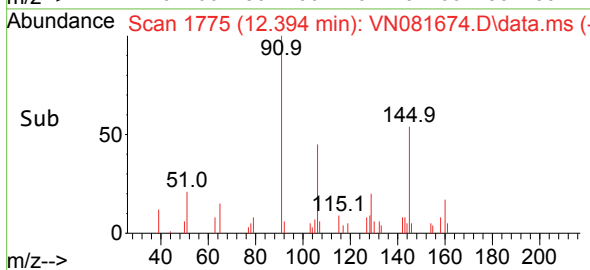
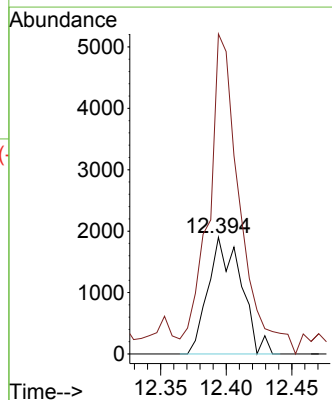
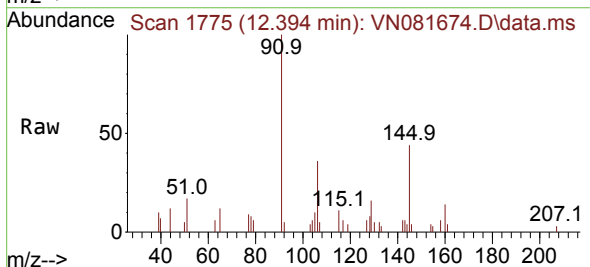
Instrument :
MSVOA_N
ClientSampleId :
IBLK

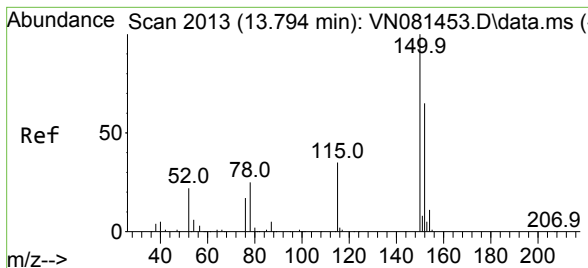
Tgt Ion:106 Resp: 10500
Ion Ratio Lower Upper
106 100
91 200.2 169.0 253.6



#69
o-Xylene
Concen: 0.311 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN081674.D
Acq: 08 Apr 2024 15:12

Tgt Ion:106 Resp: 3315
Ion Ratio Lower Upper
106 100
91 260.7 112.1 336.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN081674.D

Acq: 08 Apr 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

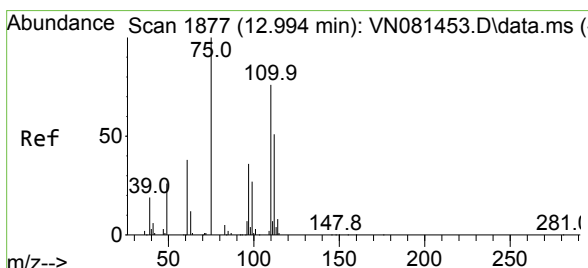
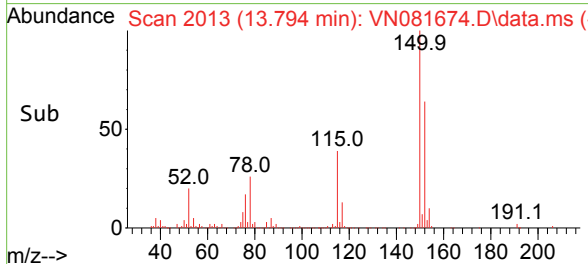
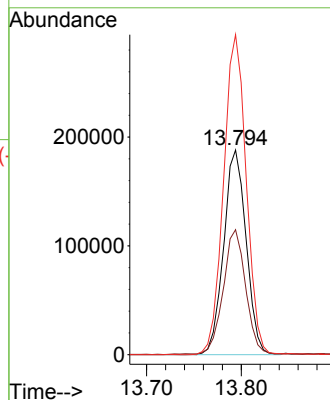
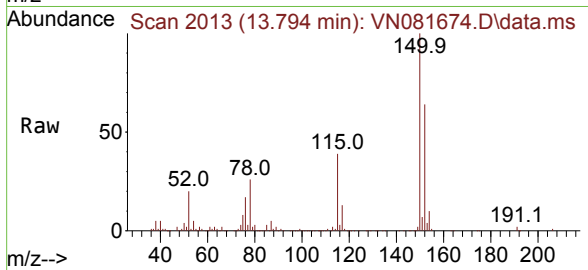
Tgt Ion:152 Resp: 310137

Ion Ratio Lower Upper

152 100

115 61.3 32.3 96.8

150 157.9 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 21.875 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081674.D

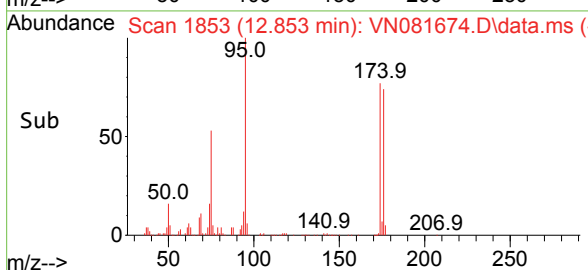
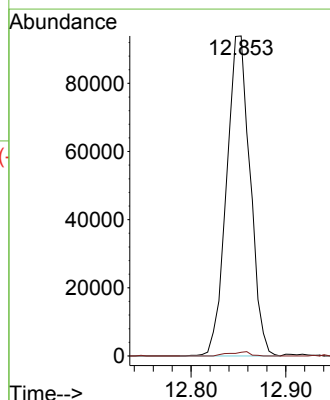
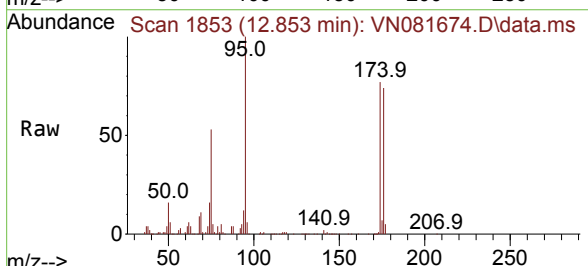
Acq: 08 Apr 2024 15:12

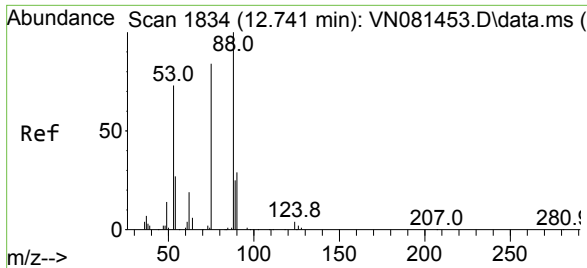
Tgt Ion: 75 Resp: 162281

Ion Ratio Lower Upper

75 100

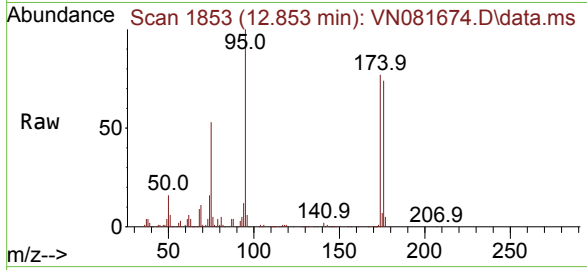
77 1.2 91.0 272.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.113 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN081674.D
 Acq: 08 Apr 2024 15:12

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion: 75 Resp: 162281
 Ion Ratio Lower Upper
 75 100
 53 0.1 71.4 107.2#
 89 0.0 33.4 50.0#

