

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
 Data File : VN078421.D
 Acq On : 27 Jun 2023 17:05
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 28 07:12:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

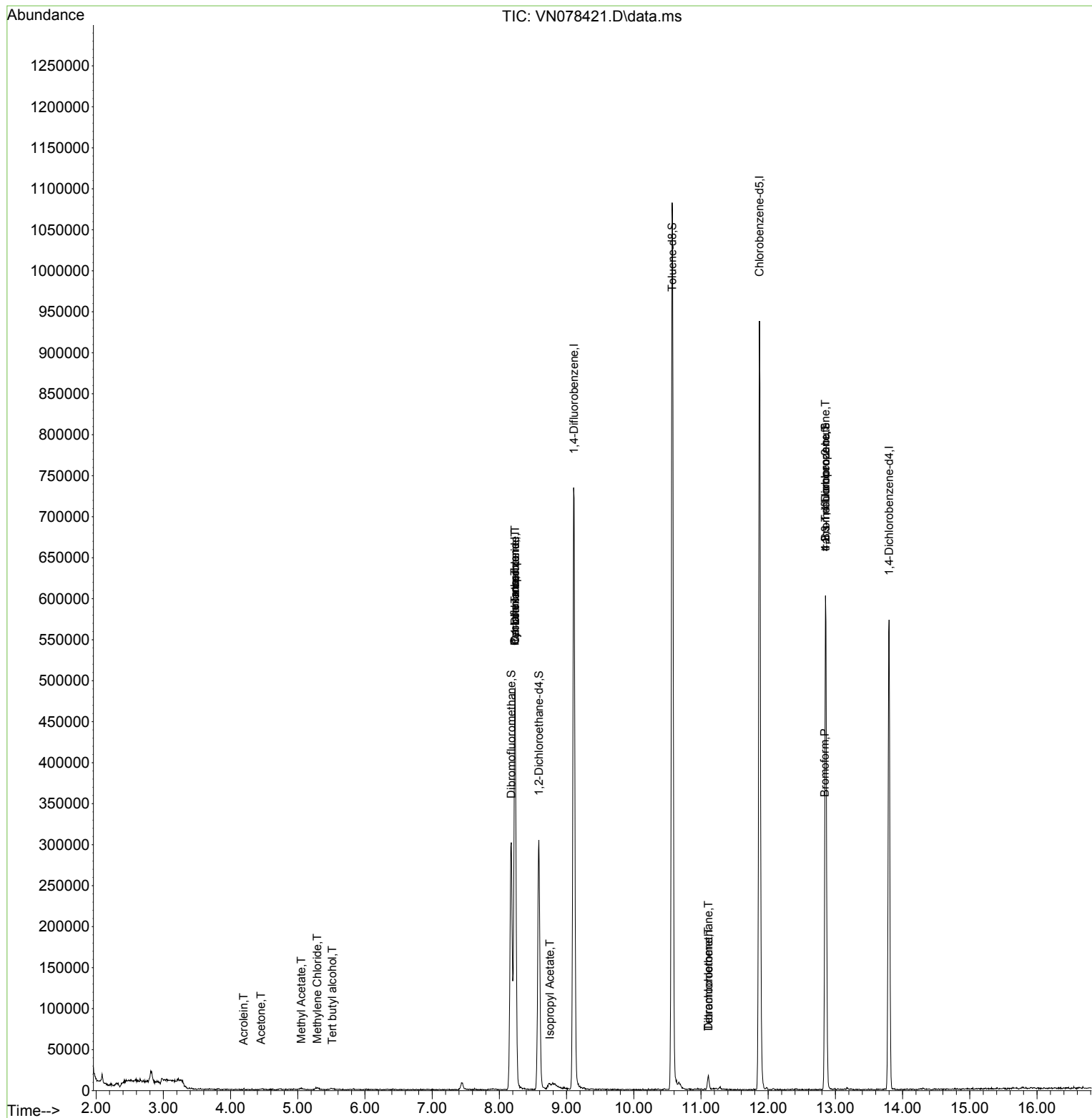
Internal Standards						
1) Pentafluorobenzene	8.230	168	354925	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	653875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	577759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	157843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	246674	52.126	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.260%		
35) Dibromofluoromethane	8.177	113	220124	53.243	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 106.480%		
50) Toluene-d8	10.571	98	801578	50.292	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.580%		
62) 4-Bromofluorobenzene	12.853	95	219828	44.366	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 88.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.371	50	1535	Below Cal	#	83
11) Tert butyl alcohol	5.512	59	1223	1.872	ug/l #	72
13) Acrolein	4.195	56	202	0.280	ug/l	90
16) Acetone	4.453	43	858	0.630	ug/l #	40
18) Methyl Acetate	5.053	43	3055	0.487	ug/l #	50
20) Methylene Chloride	5.289	84	2219	0.493	ug/l #	64
31) Cyclohexane	8.230	56	7503	1.236	ug/l #	36
36) 1,1-Dichloropropene	8.236	75	30640	5.167	ug/l #	47
38) Carbon Tetrachloride	8.236	117	37365	5.967	ug/l #	17
43) Isopropyl Acetate	8.753	43	6122	0.691	ug/l #	49
60) Dibromochloromethane	11.112	129	3686	0.797	ug/l #	11
64) Tetrachloroethene	11.112	164	4017	1.042	ug/l	87
71) Bromoform	12.841	173	838	0.285	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.853	83	161	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	115585	30.976	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	115585	95.167	ug/l #	15

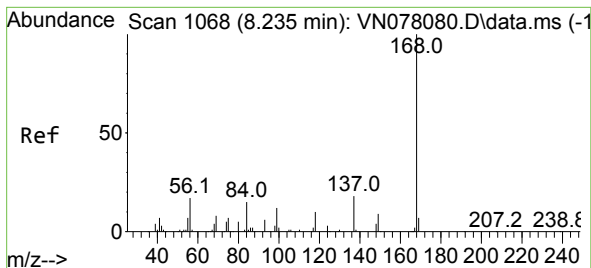
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062723\
Data File : VN078421.D
Acq On : 27 Jun 2023 17:05
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jun 28 07:12:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.005 min

Lab File: VN078421.D

Acq: 27 Jun 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

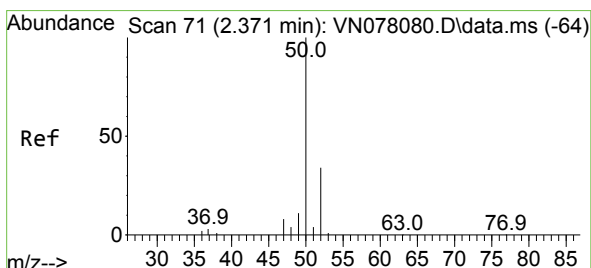
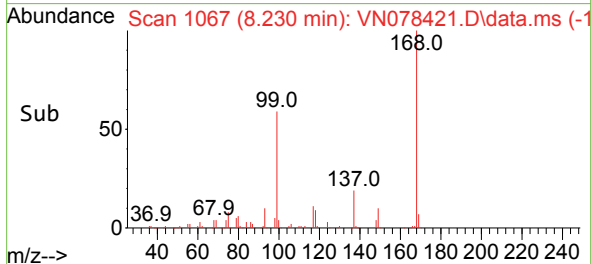
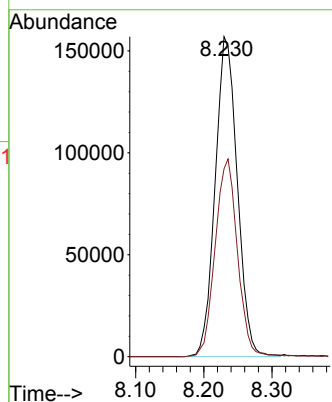
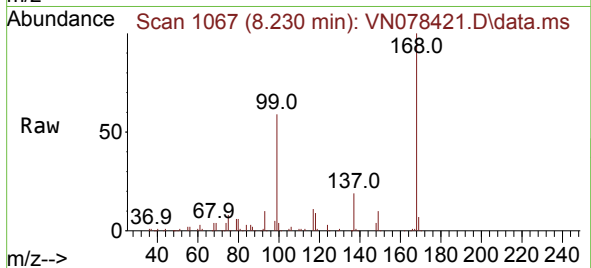
IBLK

Tgt Ion:168 Resp: 354925

Ion Ratio Lower Upper

168 100

99 58.7 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078421.D

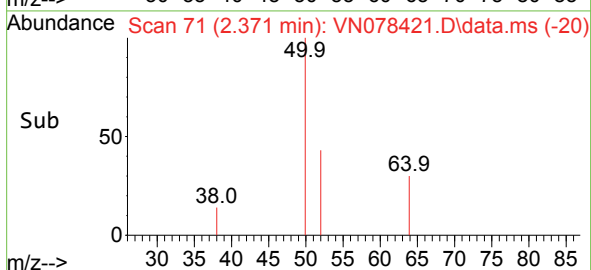
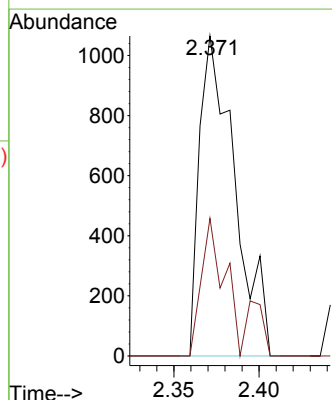
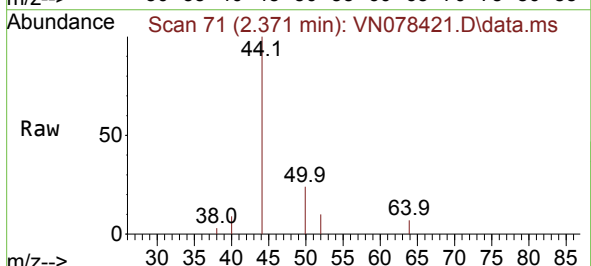
Acq: 27 Jun 2023 17:05

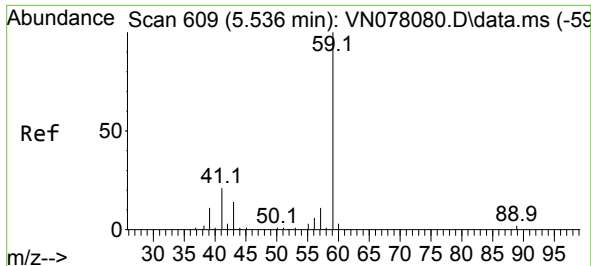
Tgt Ion: 50 Resp: 1535

Ion Ratio Lower Upper

50 100

52 43.0 26.5 39.7#

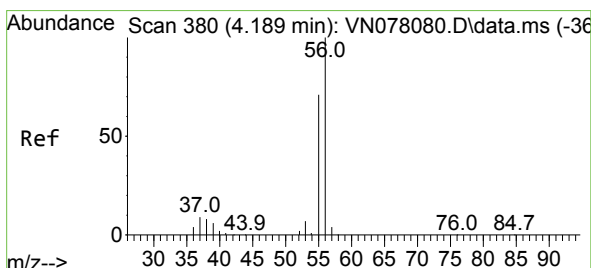
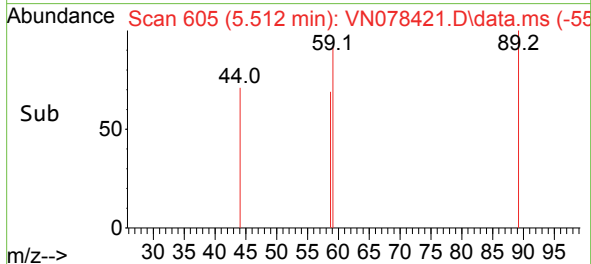
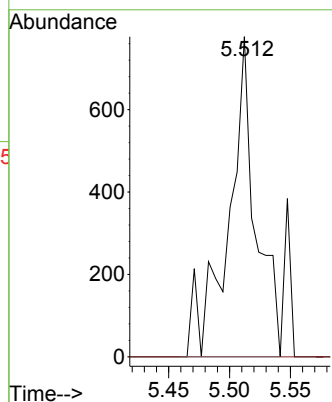
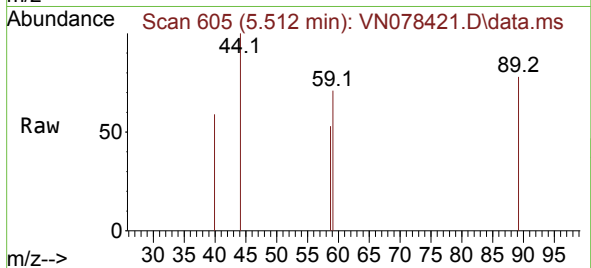




#11
Tert butyl alcohol
Concen: 1.872 ug/l
RT: 5.512 min Scan# 609
Delta R.T. -0.023 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

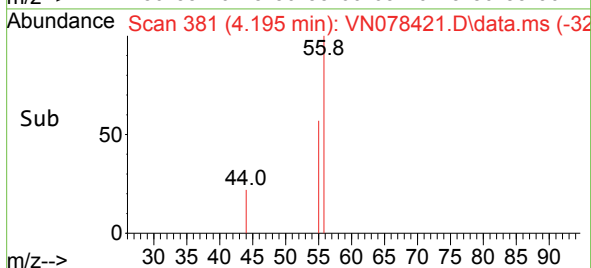
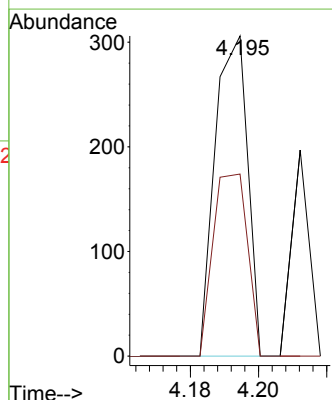
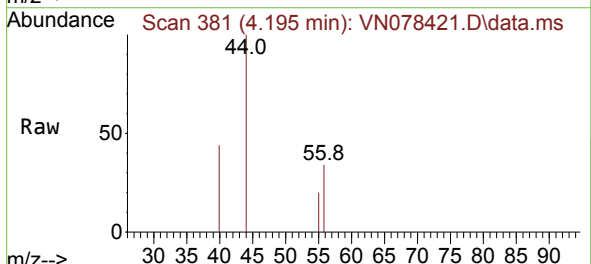
Instrument :
MSVOA_N
ClientSampleId :
IBLK

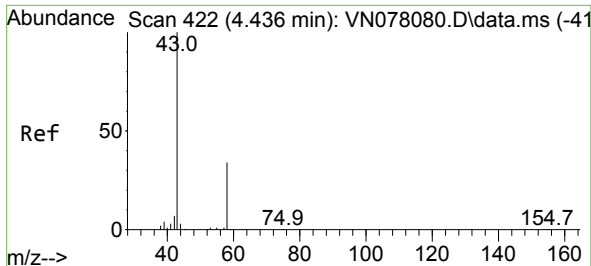
Tgt Ion: 59 Resp: 1223
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 0.280 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.006 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

Tgt Ion: 56 Resp: 202
Ion Ratio Lower Upper
56 100
55 60.4 54.5 81.7

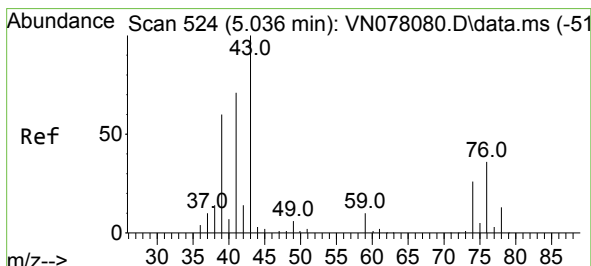
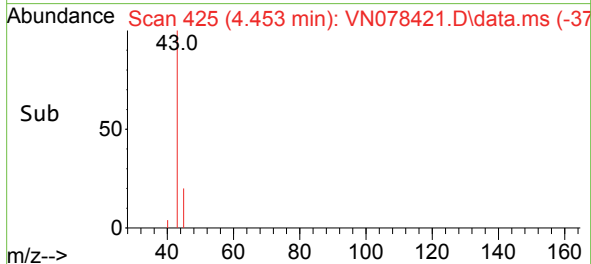
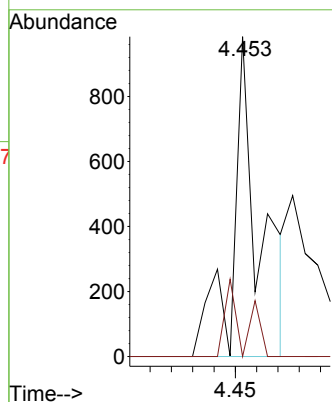
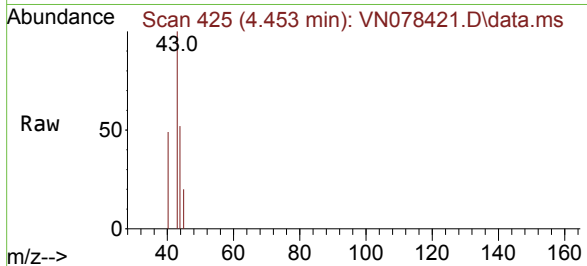




#16
Acetone
Concen: 0.630 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

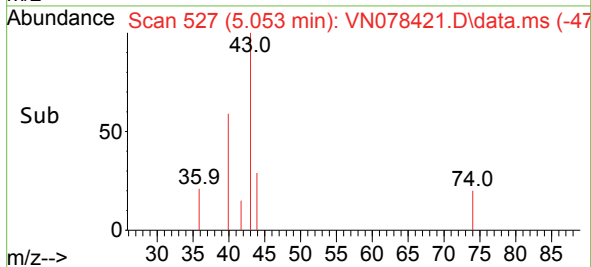
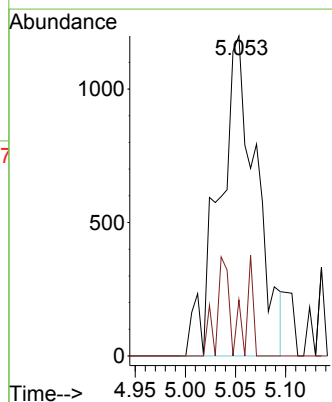
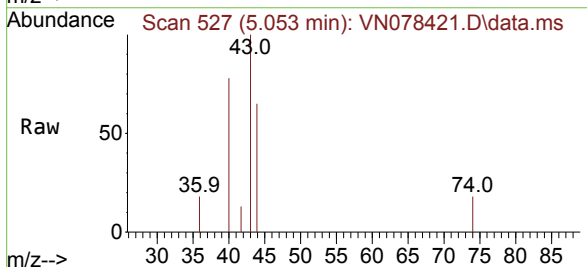
Instrument :
MSVOA_N
ClientSampleId :
IBLK

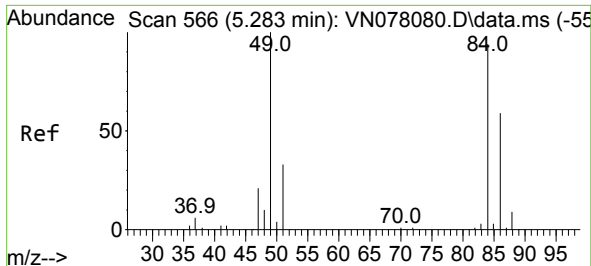
Tgt Ion: 43 Resp: 858
Ion Ratio Lower Upper
43 100
58 0.0 28.0 42.0#



#18
Methyl Acetate
Concen: 0.487 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.018 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

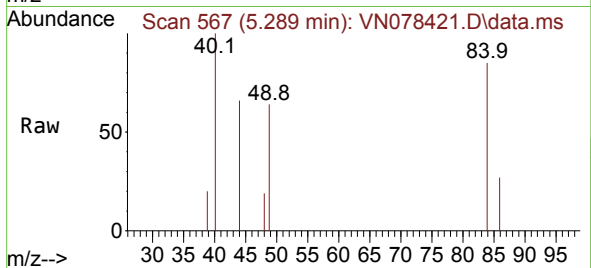
Tgt Ion: 43 Resp: 3055
Ion Ratio Lower Upper
43 100
74 4.4 26.2 39.4#



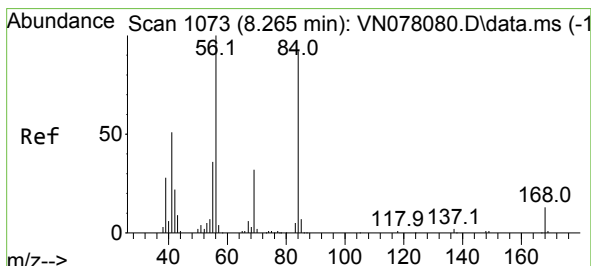
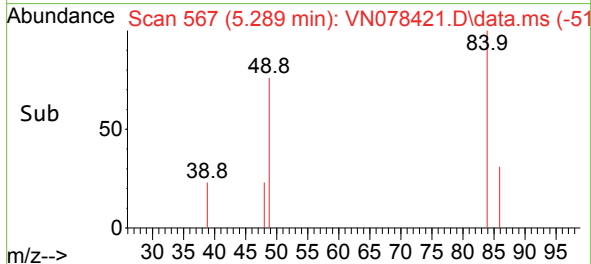
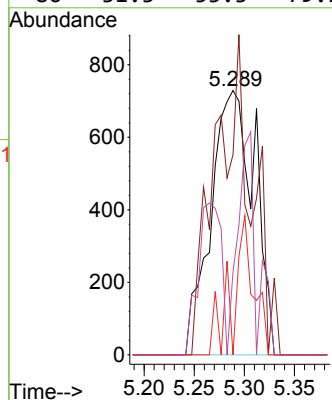


#20
Methylene Chloride
Concen: 0.493 ug/l
RT: 5.289 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
IBLK

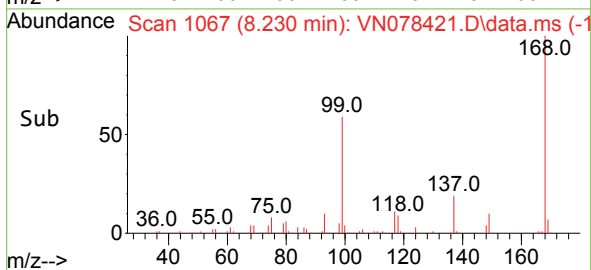
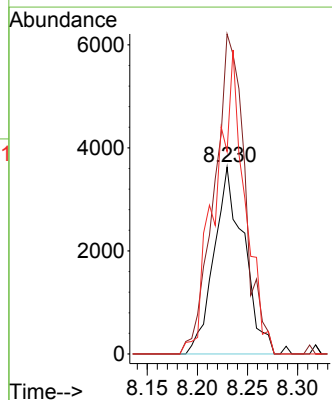
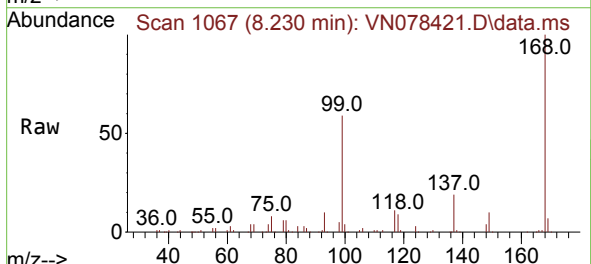


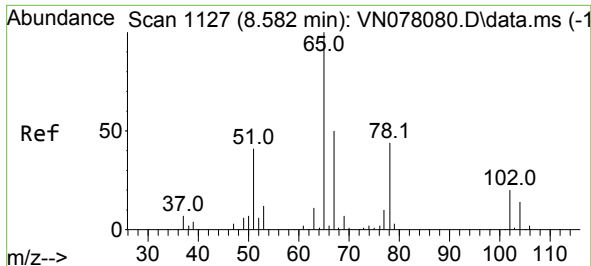
Tgt Ion:	84	Resp:	2219
Ion	Ratio	Lower	Upper
84	100		
49	75.7	79.7	119.5#
51	0.0	25.2	37.8#
86	31.3	53.3	79.9#



#31
Cyclohexane
Concen: 1.236 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

Tgt Ion:	56	Resp:	7503
Ion	Ratio	Lower	Upper
56	100		
69	171.2	26.8	40.2#
84	108.3	81.8	122.6





#33

1,2-Dichloroethane-d4

Concen: 52.126 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078421.D

Acq: 27 Jun 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

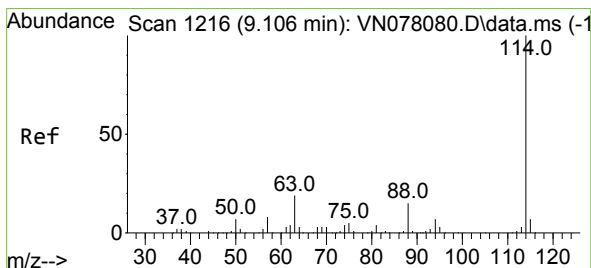
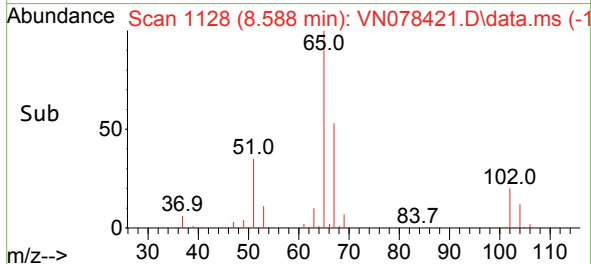
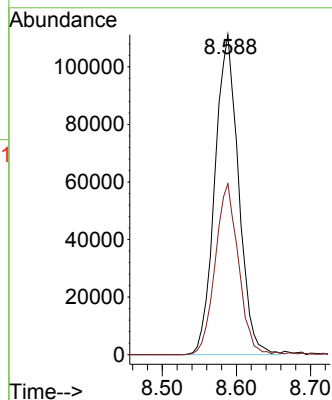
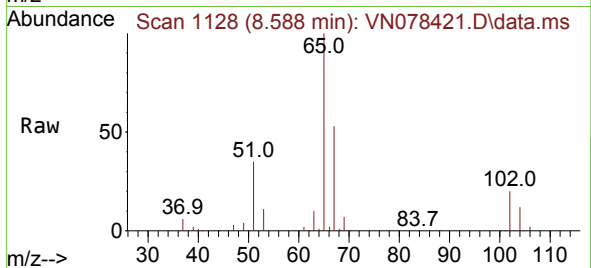
IBLK

Tgt Ion: 65 Resp: 246674

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078421.D

Acq: 27 Jun 2023 17:05

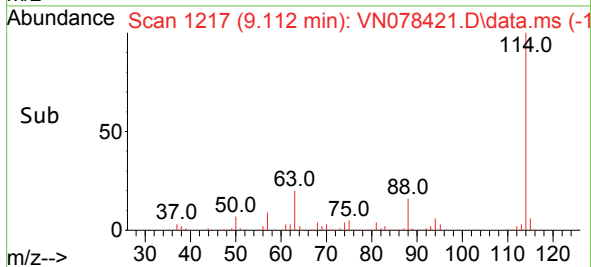
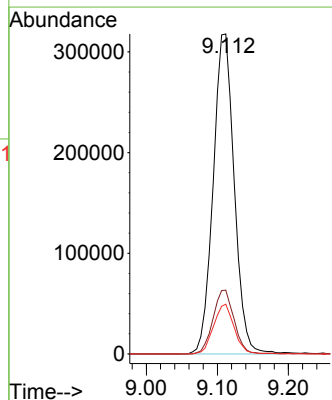
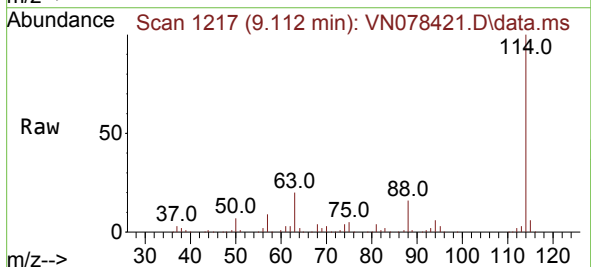
Tgt Ion: 114 Resp: 653875

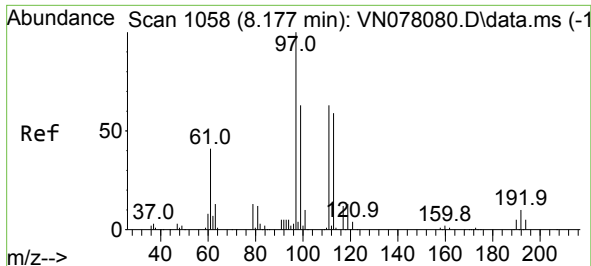
Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 15.5 0.0 30.6

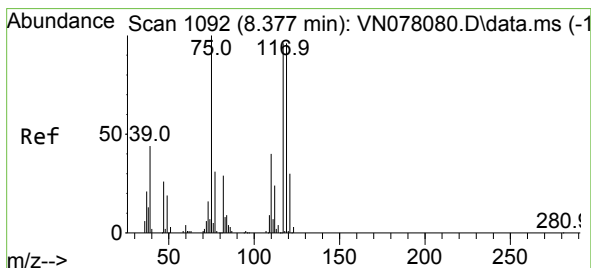
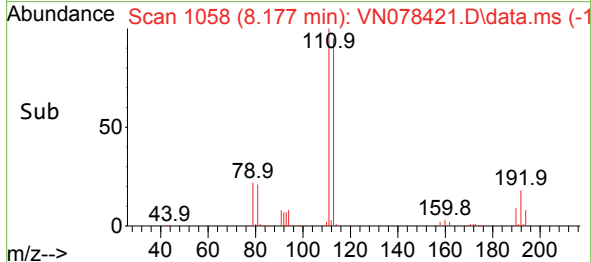
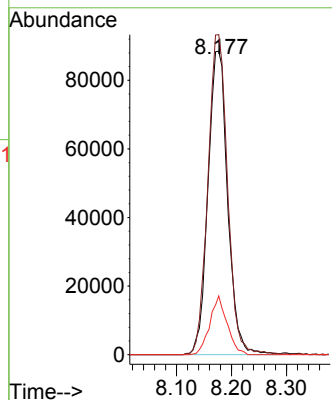
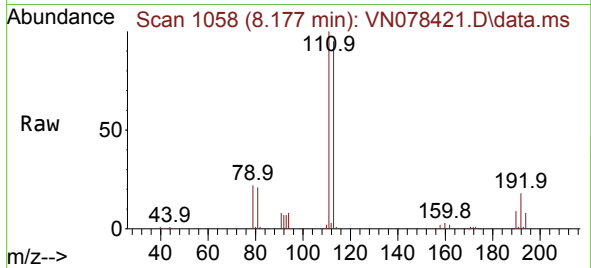




#35
Dibromofluoromethane
Concen: 53.243 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

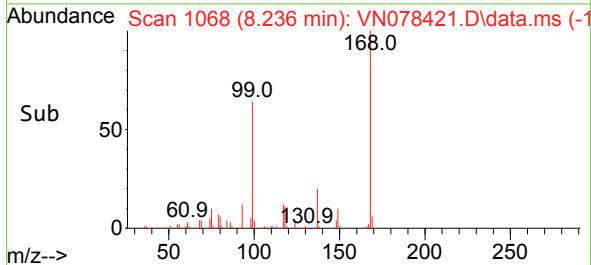
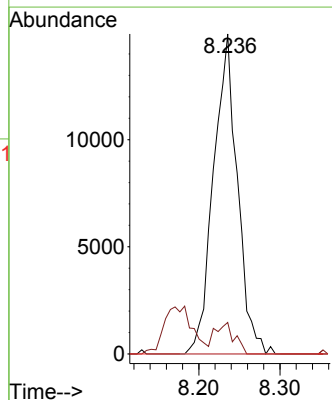
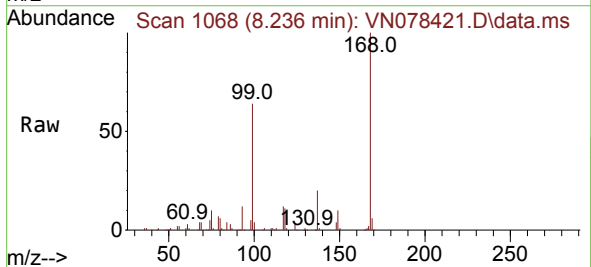
Instrument :
MSVOA_N
ClientSampleId :
IBLK

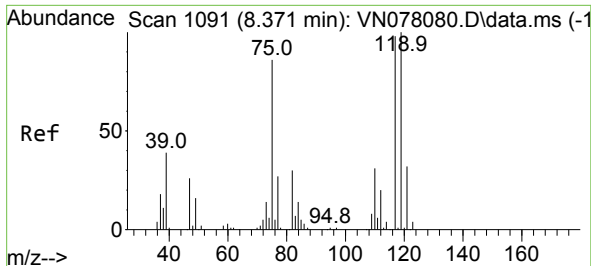
Tgt Ion:113 Resp: 220124
Ion Ratio Lower Upper
113 100
111 105.6 82.6 123.8
192 17.0 12.7 19.1



#36
1,1-Dichloropropene
Concen: 5.167 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

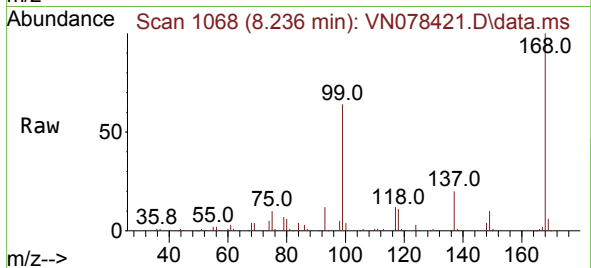
Tgt Ion: 75 Resp: 30640
Ion Ratio Lower Upper
75 100
110 7.9 19.1 57.3#
77 0.0 25.0 37.4#



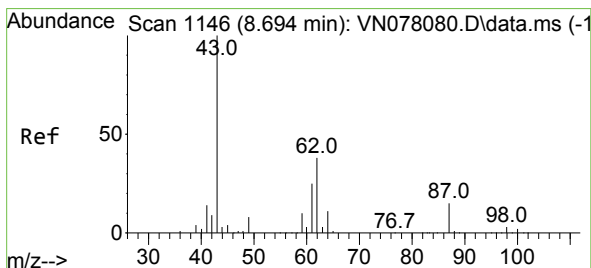
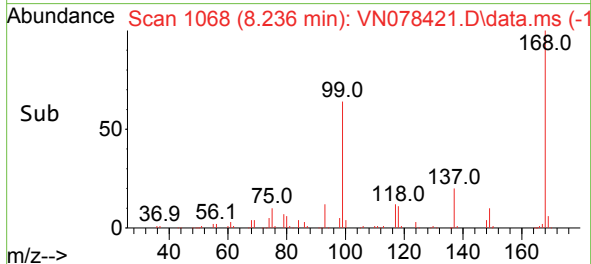
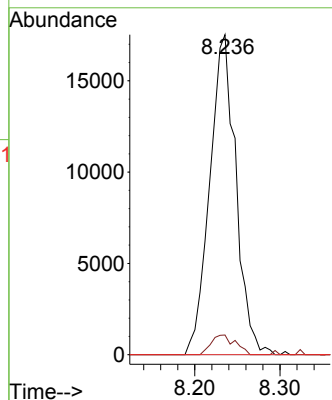


#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
IBLK

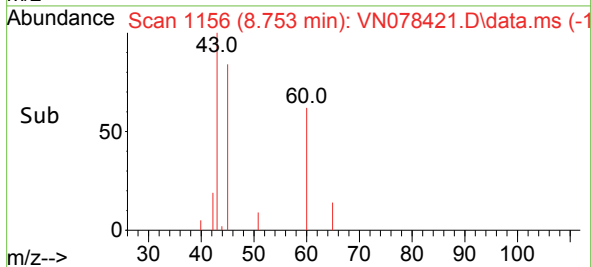
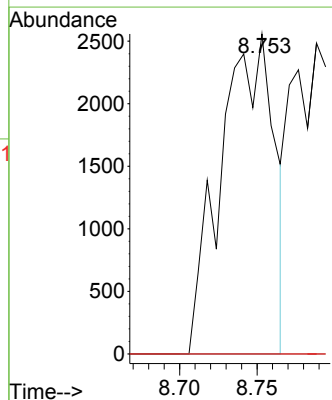
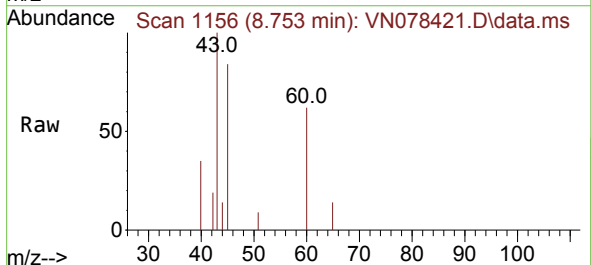


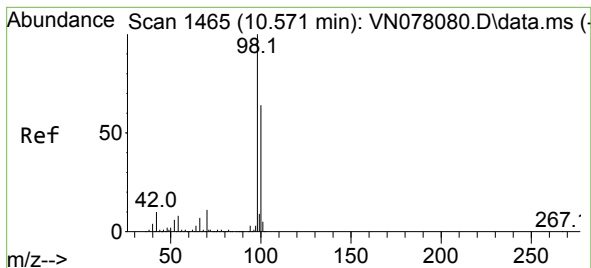
Tgt Ion:117 Resp: 37365
Ion Ratio Lower Upper
117 100
119 6.2 77.3 115.9#
121 0.0 23.3 34.9#



#43
Isopropyl Acetate
Concen: 0.691 ug/l
RT: 8.753 min Scan# 1156
Delta R.T. 0.059 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

Tgt Ion: 43 Resp: 6122
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#





#50

Toluene-d8

Concen: 50.292 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078421.D

Acq: 27 Jun 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

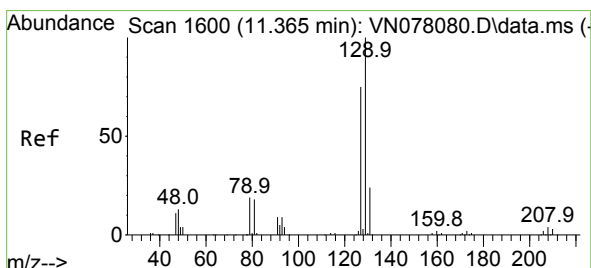
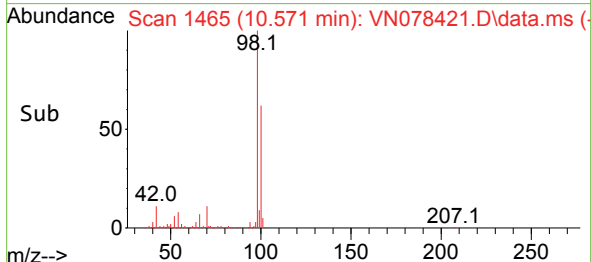
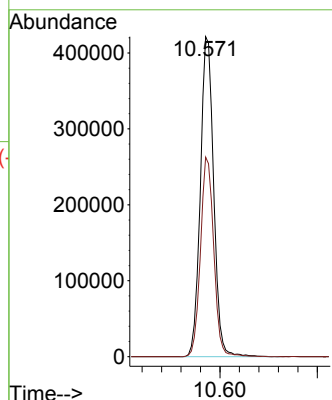
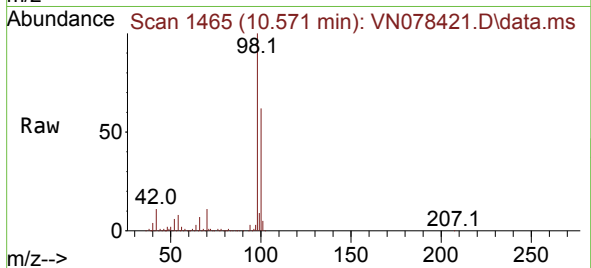
IBLK

Tgt Ion: 98 Resp: 801578

Ion Ratio Lower Upper

98 100

100 62.4 52.0 78.0



#60

Dibromochloromethane

Concen: 0.797 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. -0.253 min

Lab File: VN078421.D

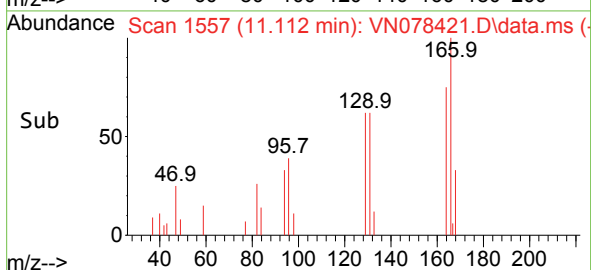
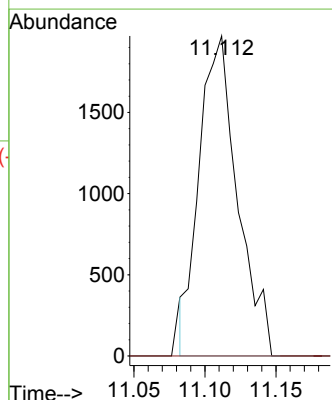
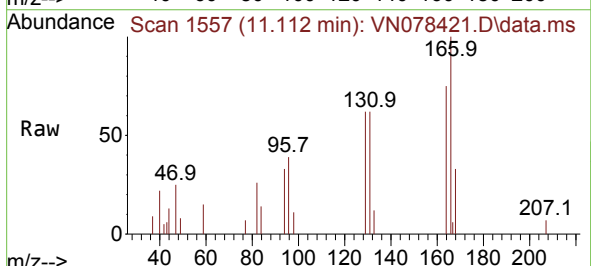
Acq: 27 Jun 2023 17:05

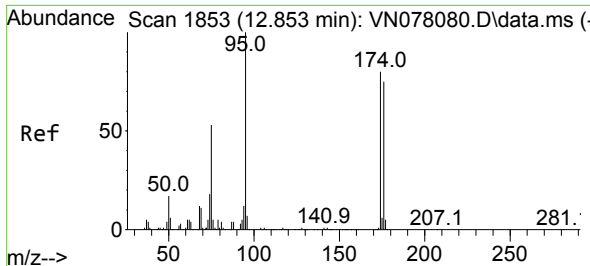
Tgt Ion: 129 Resp: 3686

Ion Ratio Lower Upper

129 100

127 0.0 38.6 116.0#

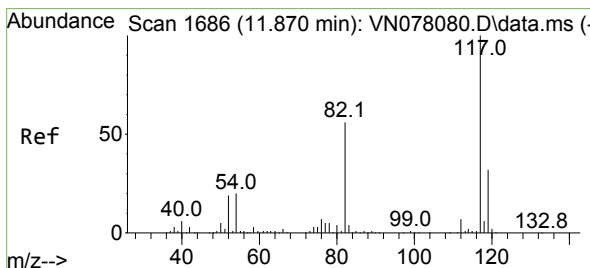
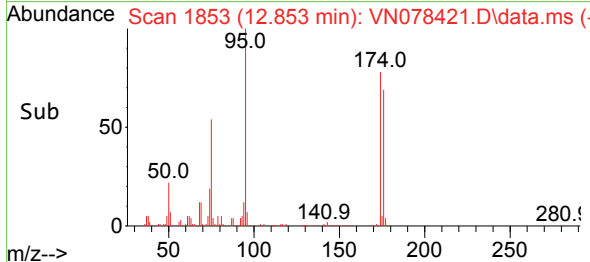
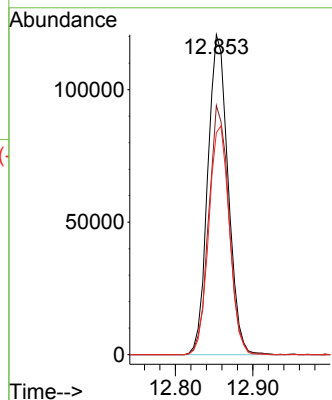
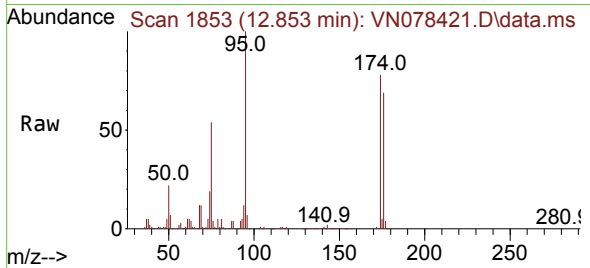




#62
4-Bromofluorobenzene
Concen: 44.366 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

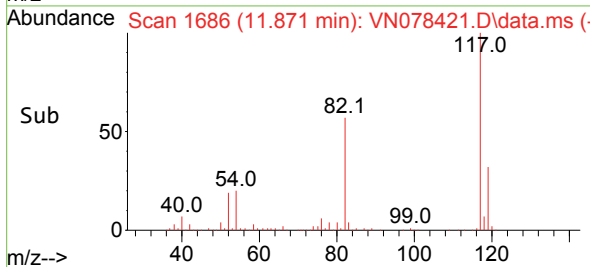
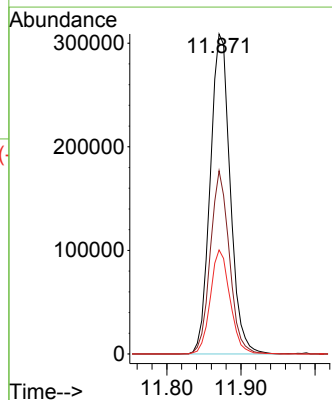
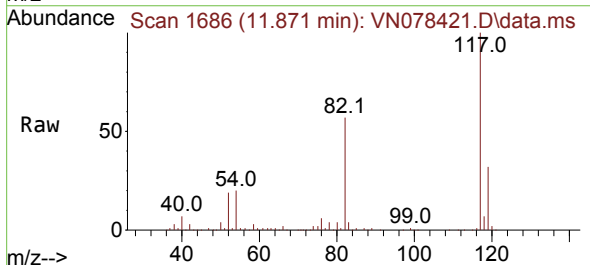
Instrument :
MSVOA_N
ClientSampleId :
IBLK

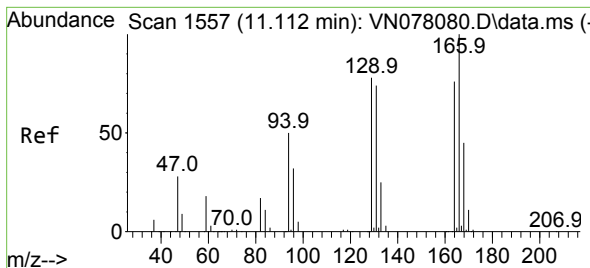
Tgt Ion: 95 Resp: 219828
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 72.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

Tgt Ion: 117 Resp: 577759
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 32.5 25.6 38.4





#64

Tetrachloroethene

Concen: 1.042 ug/l

RT: 11.112 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078421.D

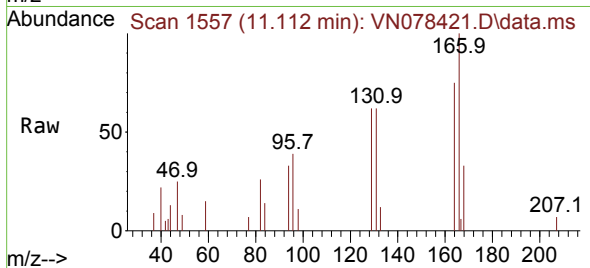
Acq: 27 Jun 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

IBLK



Tgt Ion:164 Resp: 4017

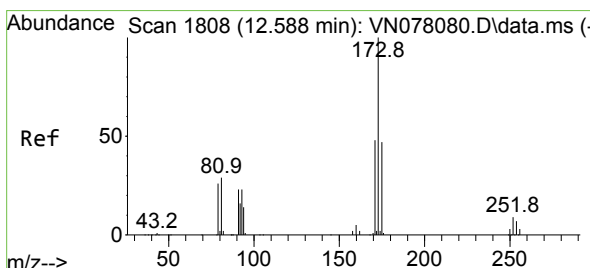
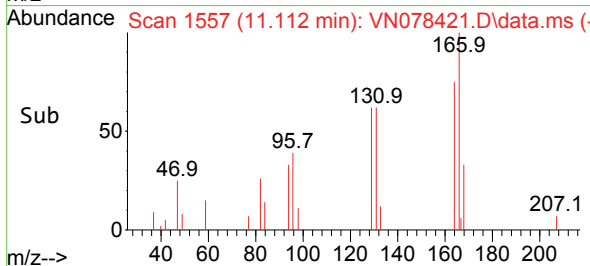
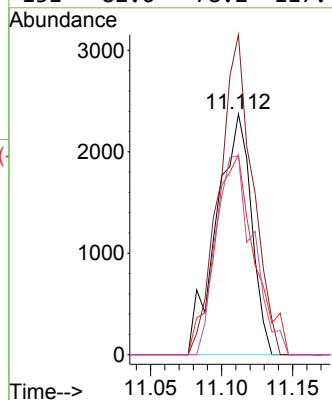
Ion Ratio Lower Upper

164 100

166 132.9 101.4 152.0

129 83.0 82.4 123.6

131 82.6 78.2 117.4



#71

Bromoform

Concen: 0.285 ug/l

RT: 12.841 min Scan# 1851

Delta R.T. 0.253 min

Lab File: VN078421.D

Acq: 27 Jun 2023 17:05

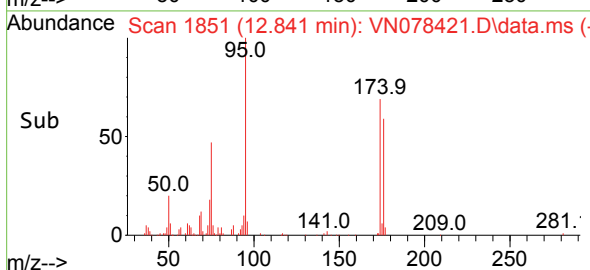
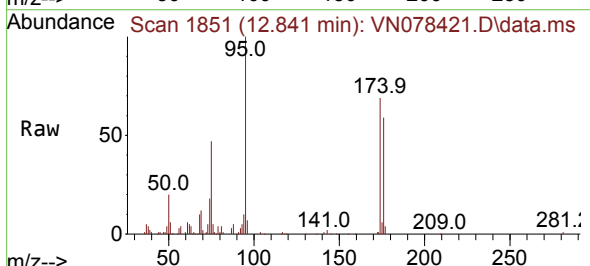
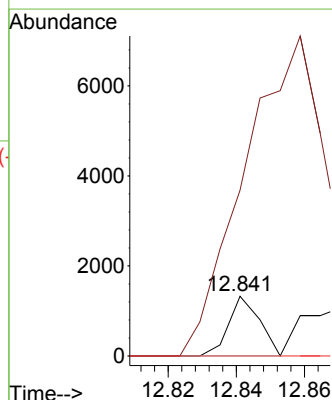
Tgt Ion:173 Resp: 838

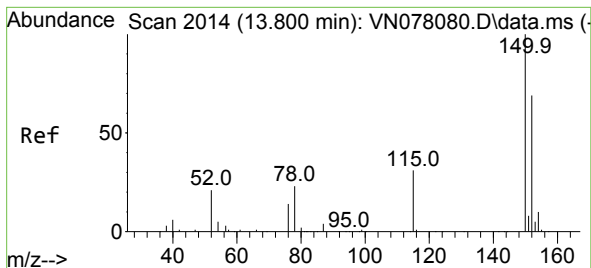
Ion Ratio Lower Upper

173 100

175 1284.6 24.3 73.0#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078421.D

Acq: 27 Jun 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

IBLK

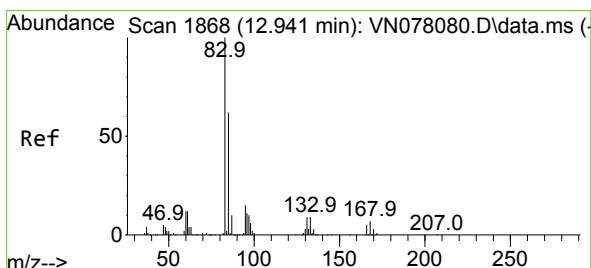
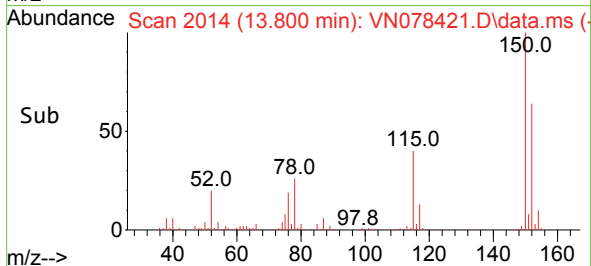
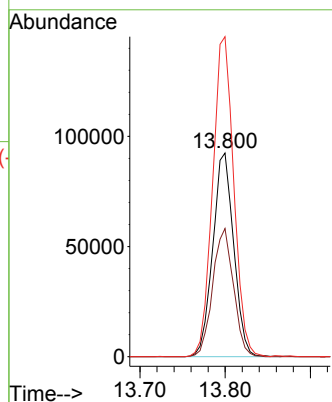
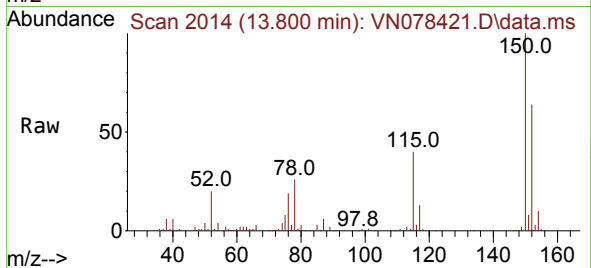
Tgt Ion:152 Resp: 157843

Ion Ratio Lower Upper

152 100

115 62.3 32.3 96.8

150 158.3 0.0 355.8



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.853 min Scan# 1853

Delta R.T. -0.088 min

Lab File: VN078421.D

Acq: 27 Jun 2023 17:05

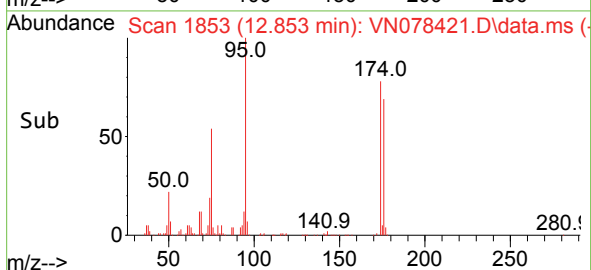
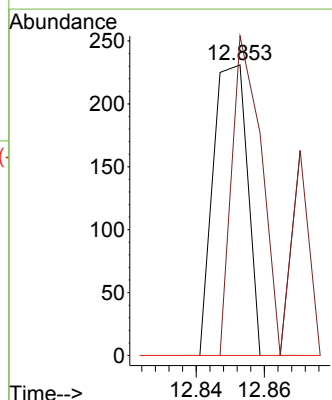
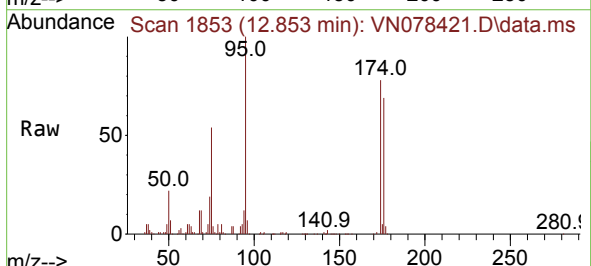
Tgt Ion: 83 Resp: 161

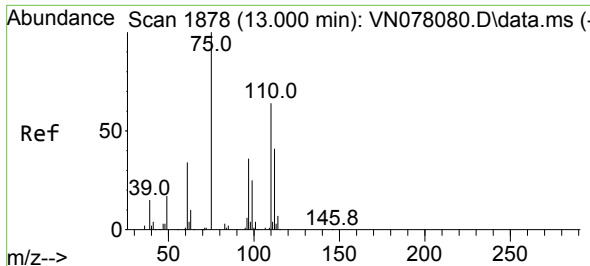
Ion Ratio Lower Upper

83 100

131 130.4 5.0 15.0#

85 0.0 31.9 95.7#

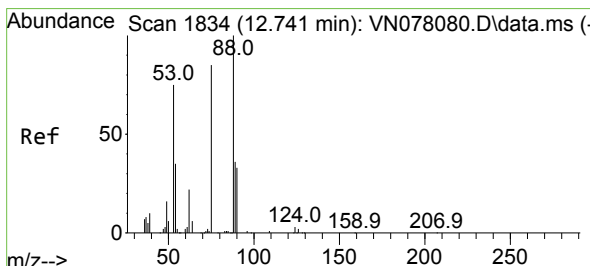
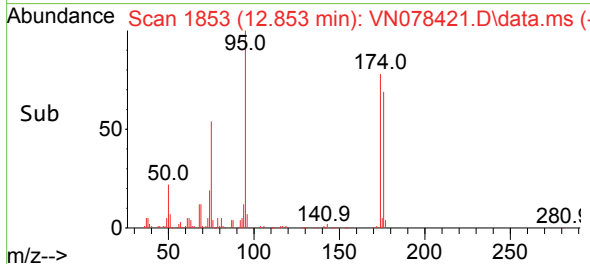
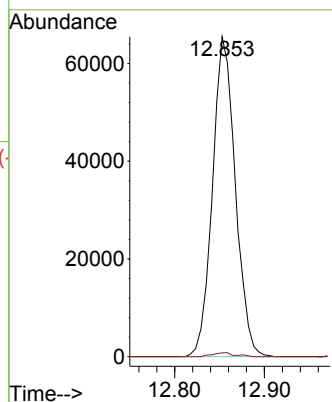
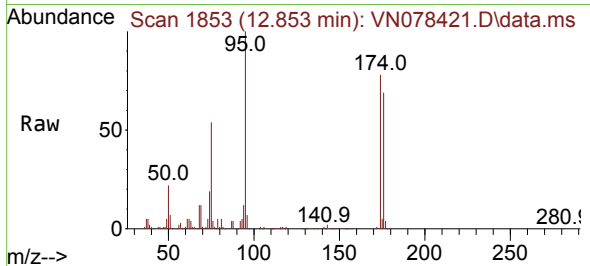




#76
1,2,3-Trichloropropane
Concen: 30.976 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 115585
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.167 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078421.D
Acq: 27 Jun 2023 17:05

Tgt Ion: 75 Resp: 115585
Ion Ratio Lower Upper
75 100
53 0.1 67.4 101.2#
89 0.0 38.8 58.2#

