

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060823\
 Data File : VN078128.D
 Acq On : 08 Jun 2023 14:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 09 01:27:04 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)

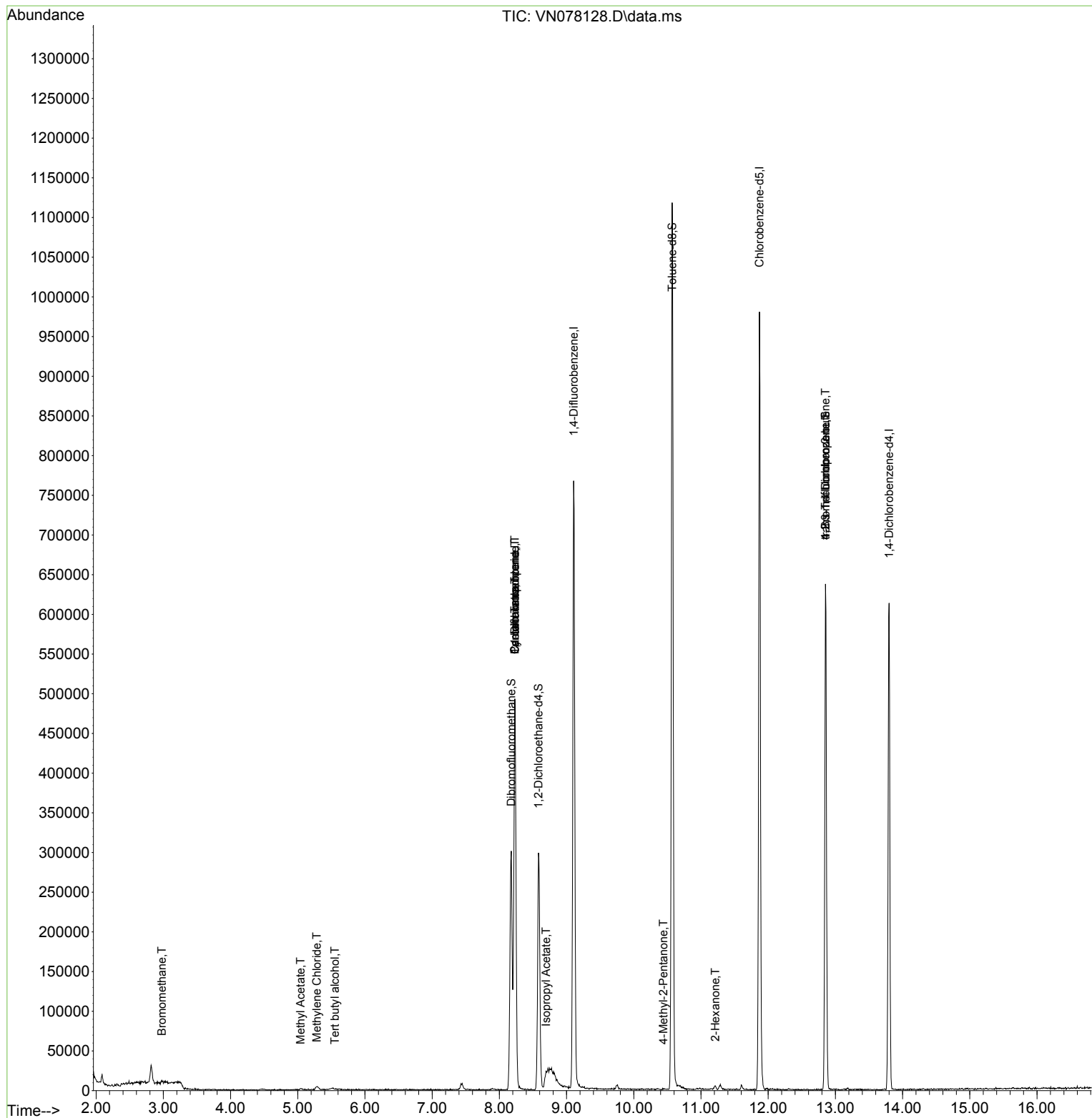
Internal Standards						
1) Pentafluorobenzene	8.230	168	354916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	667147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	578305	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	170149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	248064	52.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.840%	
35) Dibromofluoromethane	8.177	113	211683	50.182	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.360%	
50) Toluene-d8	10.571	98	811451	49.899	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.800%	
62) 4-Bromofluorobenzene	12.853	95	226984	44.899	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	1177	Below Cal	#	47
5) Bromomethane	2.977	94	1711	0.431	ug/l	82
11) Tert butyl alcohol	5.553	59	274	0.419	ug/l #	72
18) Methyl Acetate	5.042	43	1266	0.202	ug/l #	79
20) Methylene Chloride	5.283	84	2748	0.611	ug/l	90
31) Cyclohexane	8.230	56	8979	1.479	ug/l #	40
36) 1,1-Dichloropropene	8.230	75	31611	5.224	ug/l #	49
38) Carbon Tetrachloride	8.230	117	39803	6.230	ug/l #	16
43) Isopropyl Acetate	8.694	43	14596	1.615	ug/l #	49
51) 4-Methyl-2-Pentanone	10.441	43	1110	0.233	ug/l #	31
59) 2-Hexanone	11.212	43	1253	0.378	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	12.853	83	233	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	123542	30.714	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	123542	94.362	ug/l #	15

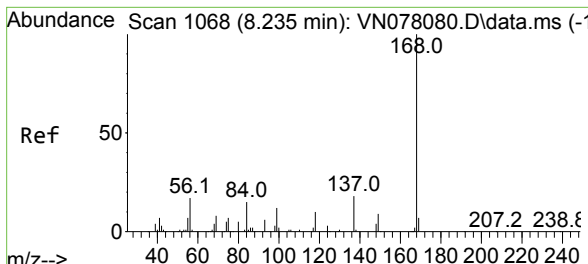
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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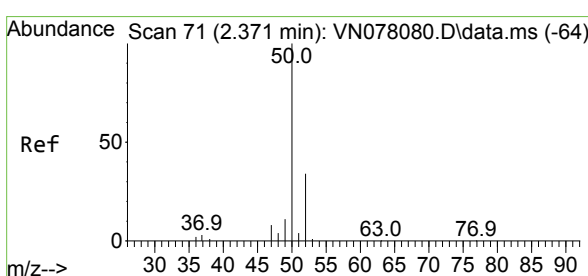
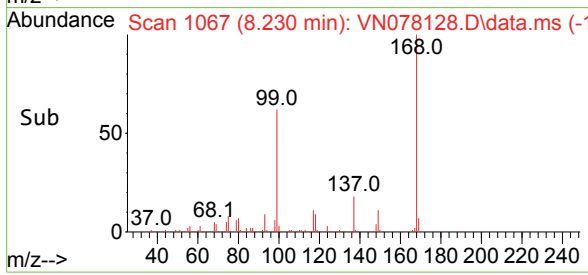
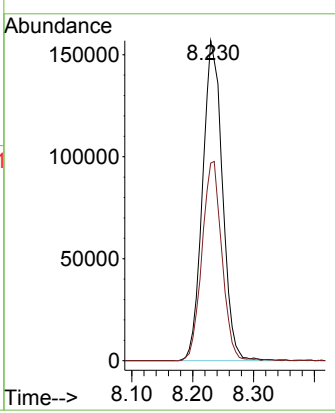
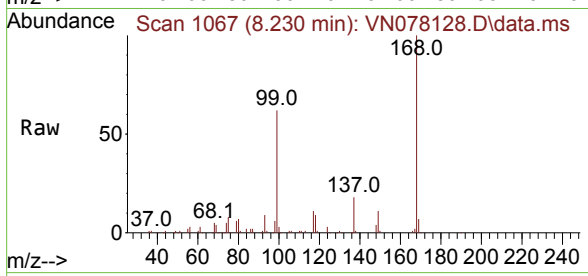


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 11
 Delta R.T. -0.005 min
 Lab File: VN078128.D
 Acq: 08 Jun 2023 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:168 Resp: 354916

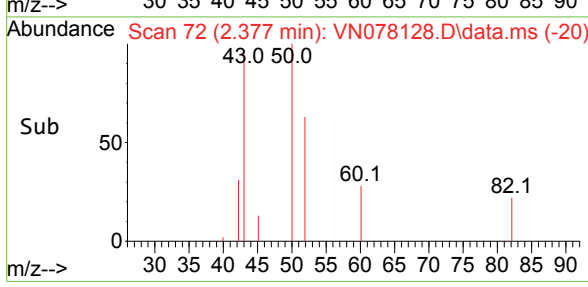
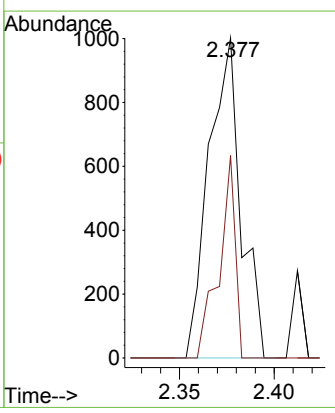
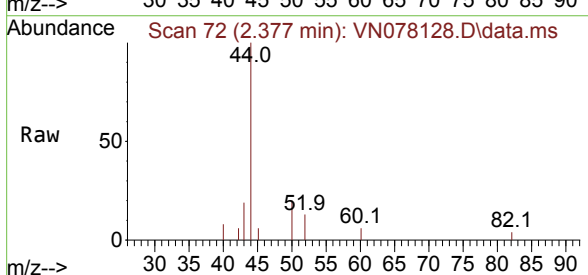
Ion	Ratio	Lower	Upper
168	100		
99	61.8	53.0	79.6

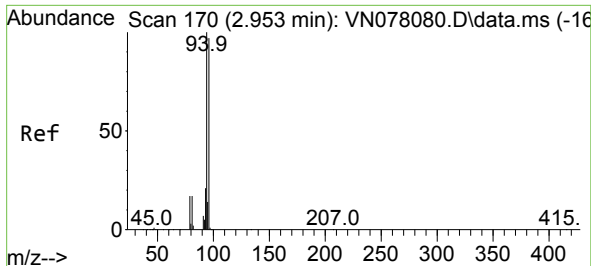


#3
 Chloromethane
 Concen: Below Cal
 RT: 2.377 min Scan# 72
 Delta R.T. 0.006 min
 Lab File: VN078128.D
 Acq: 08 Jun 2023 14:36

Tgt Ion: 50 Resp: 1177

Ion	Ratio	Lower	Upper
50	100		
52	63.3	26.5	39.7#

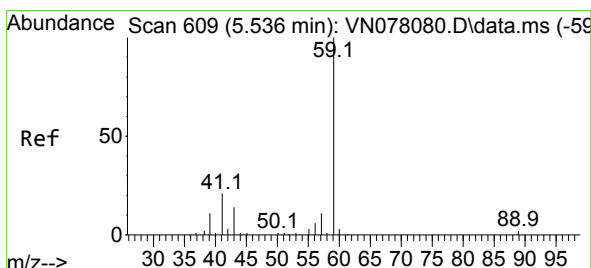
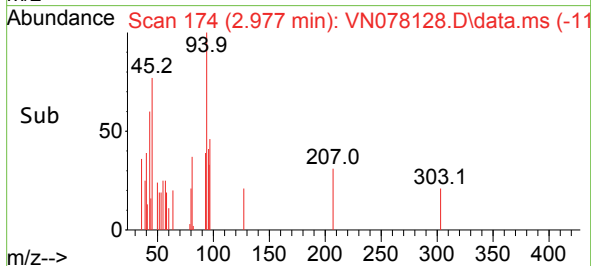
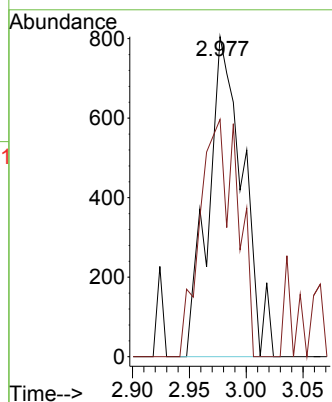
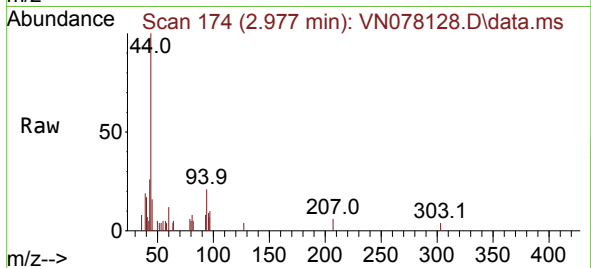




#5
Bromomethane
Concen: 0.431 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

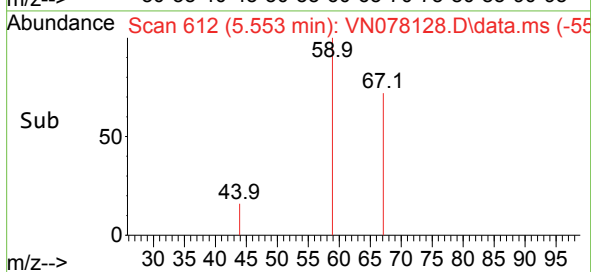
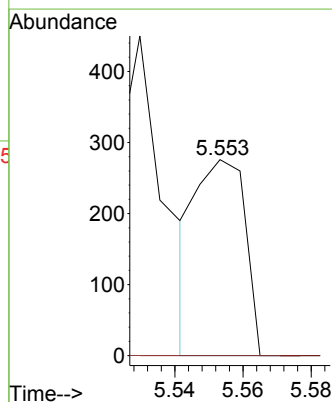
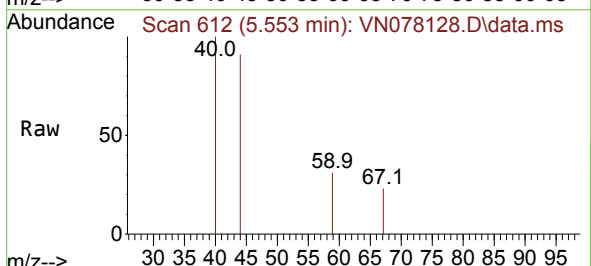
Instrument :
MSVOA_N
ClientSampleId :
IBLK

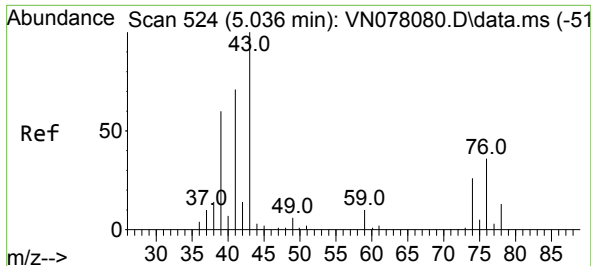
Tgt Ion: 94 Resp: 1711
Ion Ratio Lower Upper
94 100
96 74.2 73.1 109.7



#11
Tert butyl alcohol
Concen: 0.419 ug/l
RT: 5.553 min Scan# 612
Delta R.T. 0.018 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

Tgt Ion: 59 Resp: 274
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

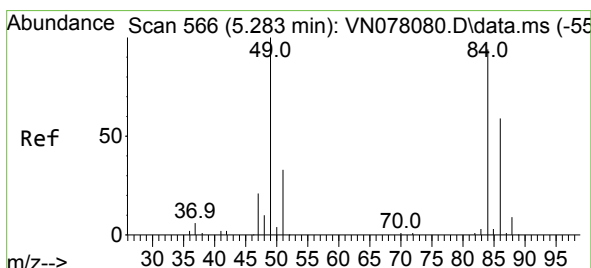
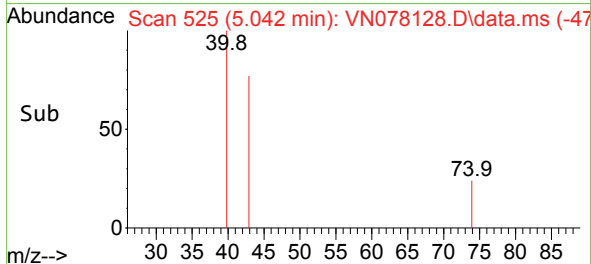
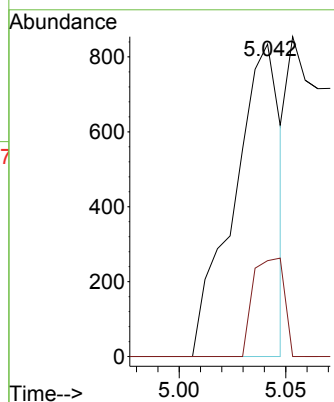
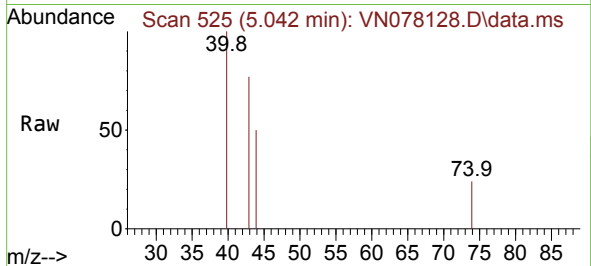




#18
Methyl Acetate
Concen: 0.202 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

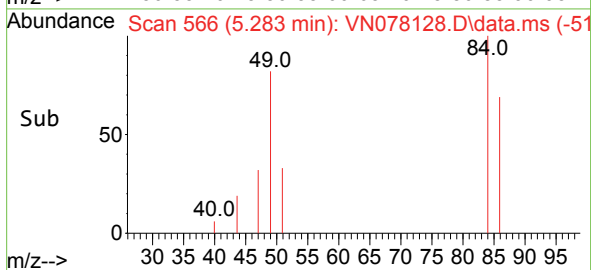
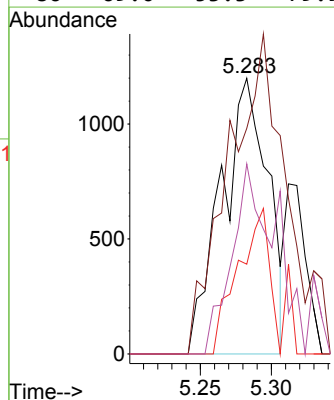
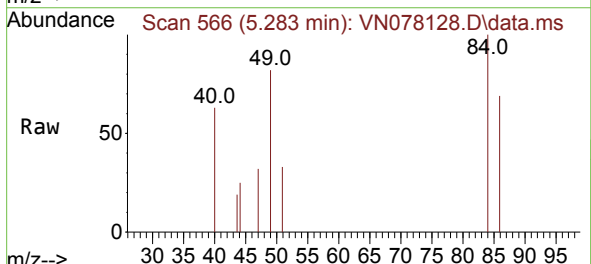
Instrument :
MSVOA_N
ClientSampleId :
IBLK

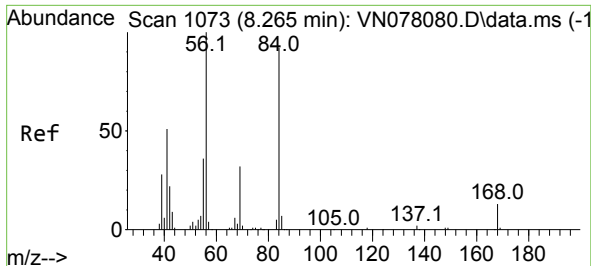
Tgt Ion: 43 Resp: 1266
Ion Ratio Lower Upper
43 100
74 21.0 26.2 39.4#



#20
Methylene Chloride
Concen: 0.611 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

Tgt Ion: 84 Resp: 2748
Ion Ratio Lower Upper
84 100
49 81.8 79.7 119.5
51 32.5 25.2 37.8
86 69.0 53.3 79.9

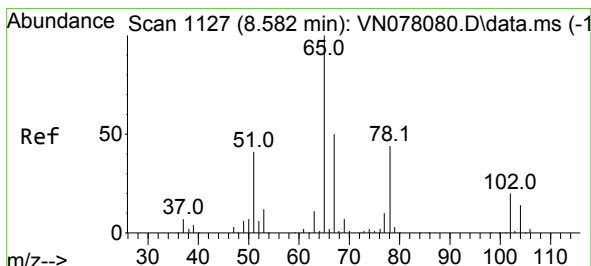
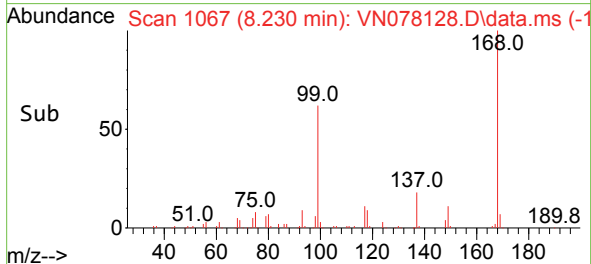
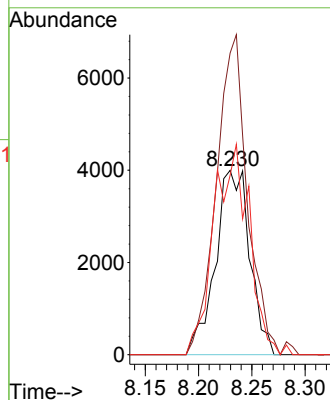
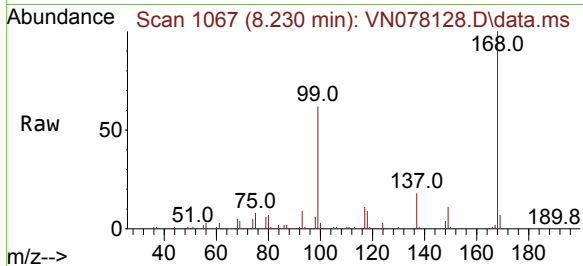




#31
Cyclohexane
Concen: 1.479 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.035 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

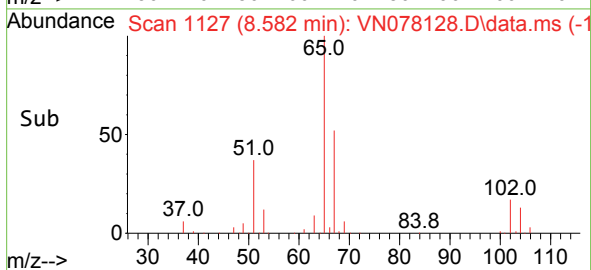
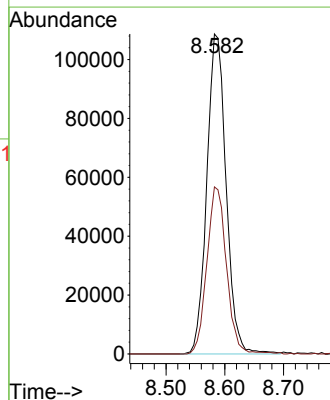
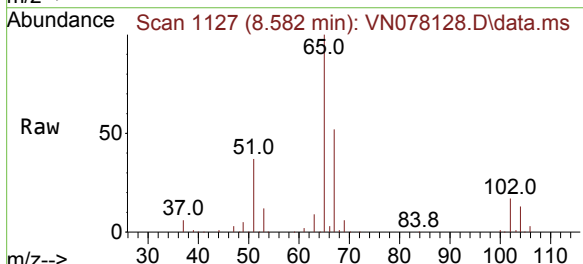
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MSVOA_N
ClientSampleId :
IBLK

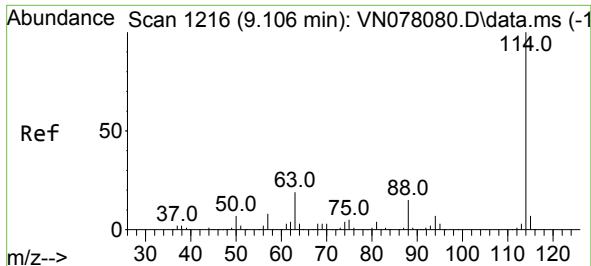
Tgt Ion: 56 Resp: 8979
Ion Ratio Lower Upper
56 100
69 163.6 26.8 40.2#
84 97.4 81.8 122.6



#33
1,2-Dichloroethane-d4
Concen: 52.421 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

Tgt Ion: 65 Resp: 248064
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN078128.D

Acq: 08 Jun 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

IBLK

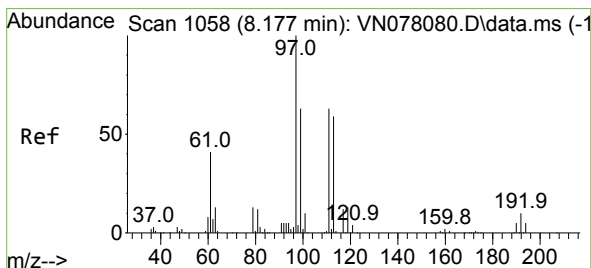
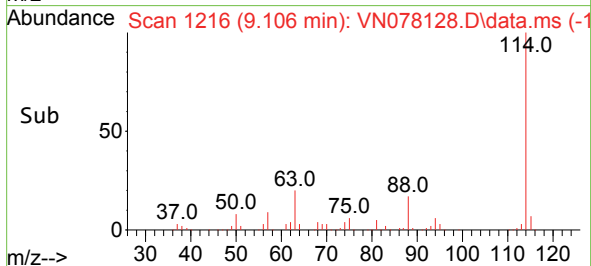
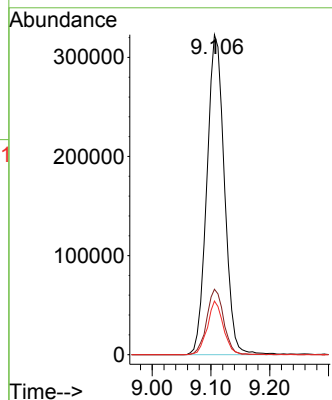
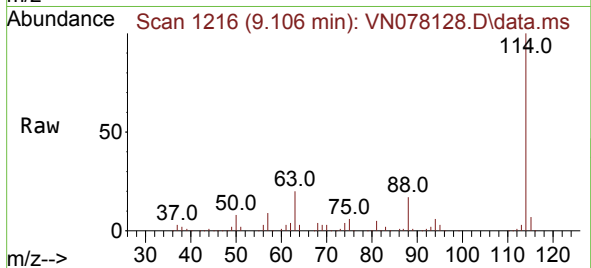
Tgt Ion:114 Resp: 667147

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 16.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.182 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078128.D

Acq: 08 Jun 2023 14:36

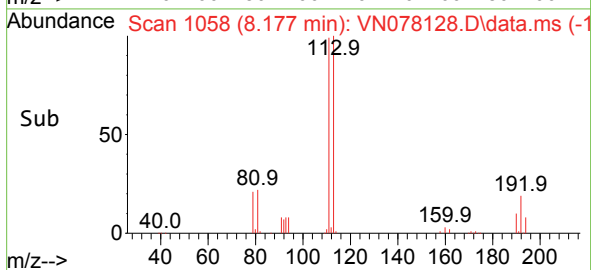
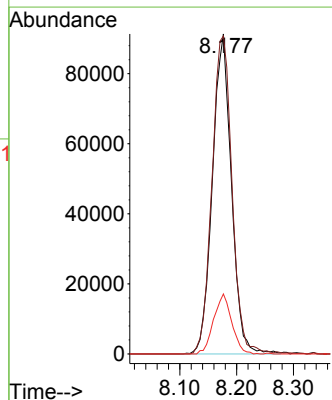
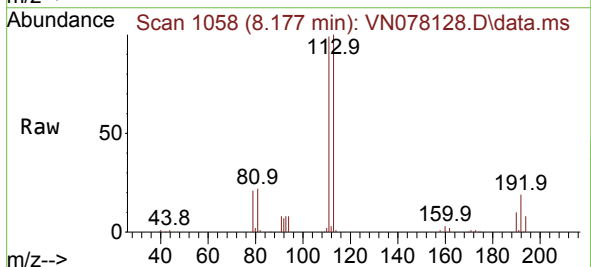
Tgt Ion:113 Resp: 211683

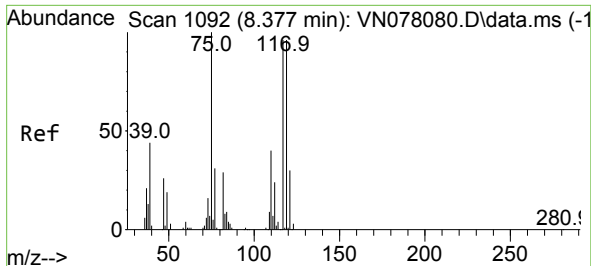
Ion Ratio Lower Upper

113 100

111 104.7 82.6 123.8

192 17.9 12.7 19.1

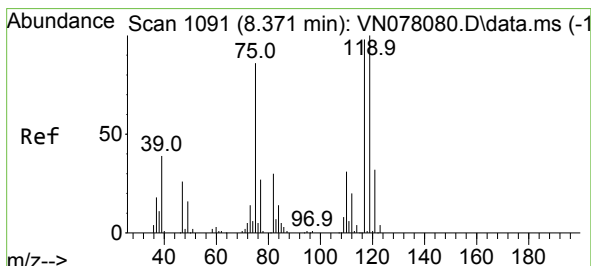
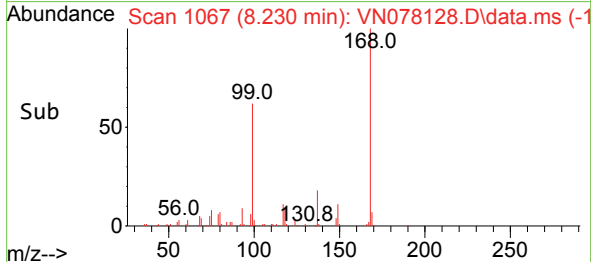
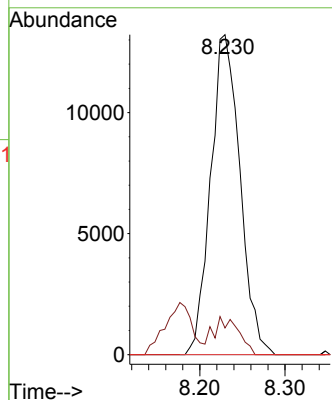
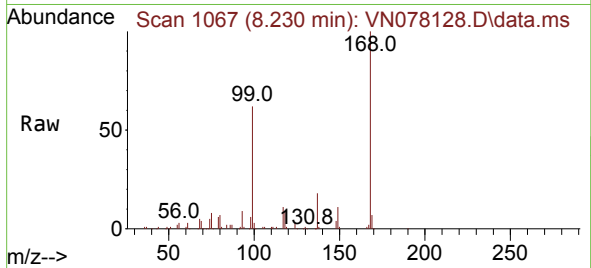




#36
1,1-Dichloropropene
Concen: 5.224 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

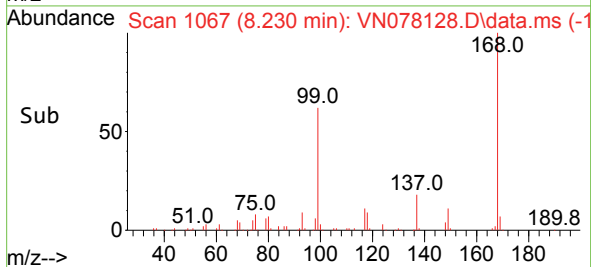
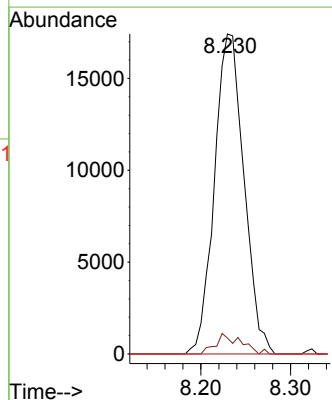
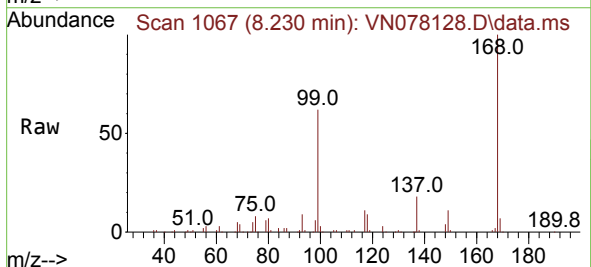
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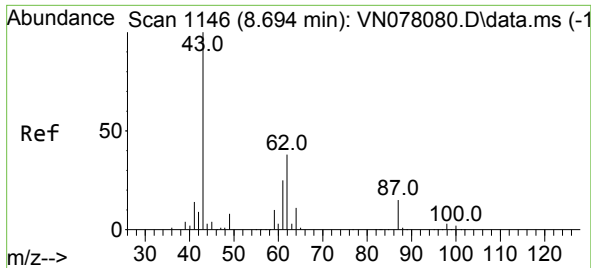
Tgt Ion: 75 Resp: 31611
Ion Ratio Lower Upper
75 100
110 10.0 19.1 57.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.230 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

Tgt Ion: 117 Resp: 39803
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 23.3 34.9#

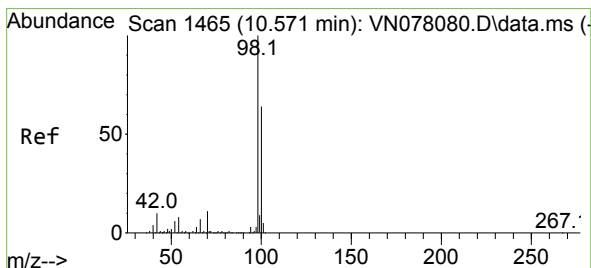
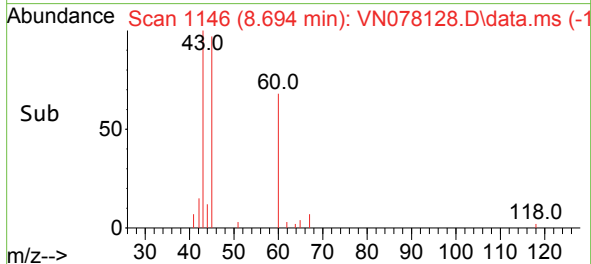
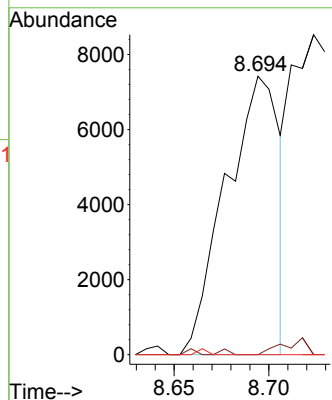
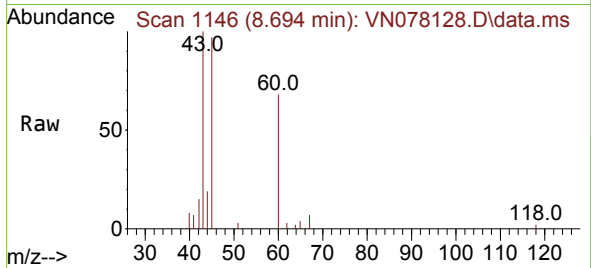




#43
Isopropyl Acetate
Concen: 1.615 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

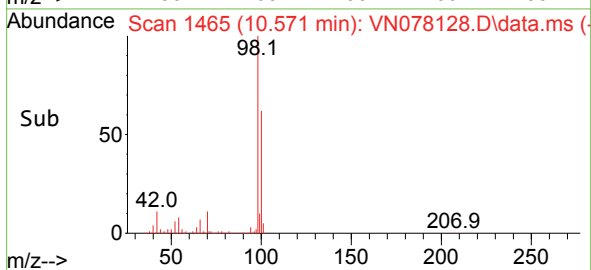
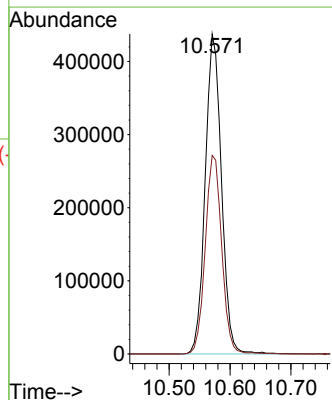
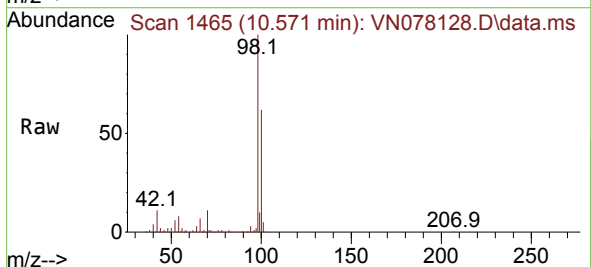
Instrument :
MSVOA_N
ClientSampleId :
IBLK

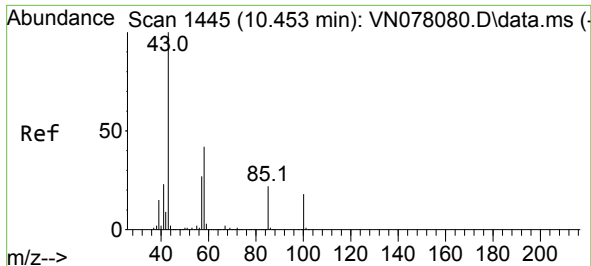
Tgt Ion: 43 Resp: 14596
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 49.899 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

Tgt Ion: 98 Resp: 811451
Ion Ratio Lower Upper
98 100
100 63.1 52.0 78.0

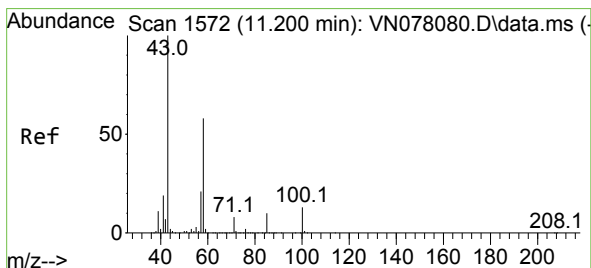
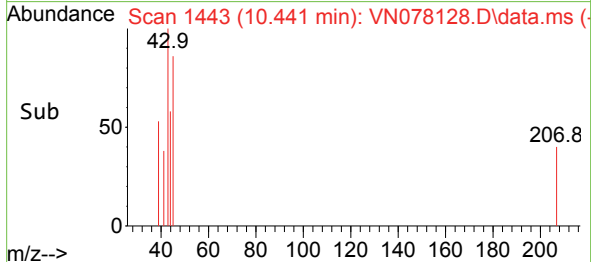
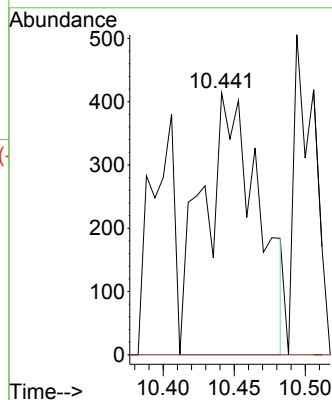
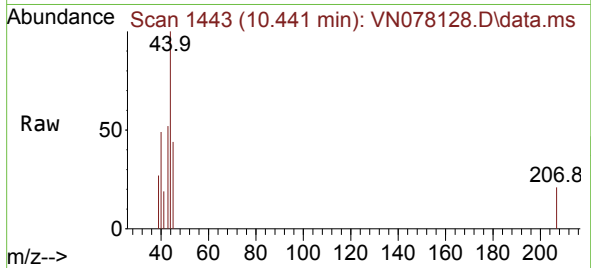




#51
4-Methyl-2-Pentanone
Concen: 0.233 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.012 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

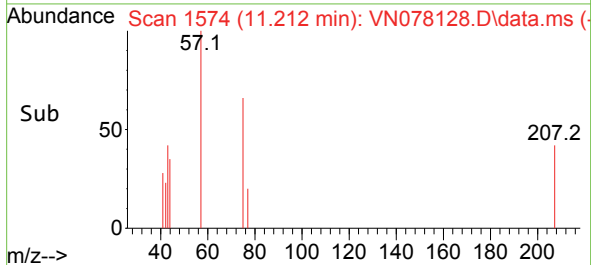
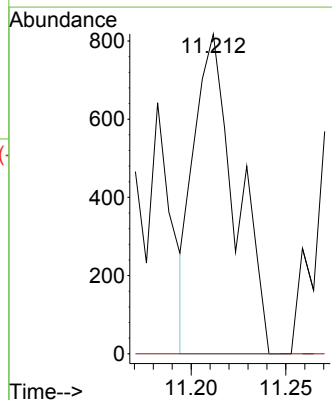
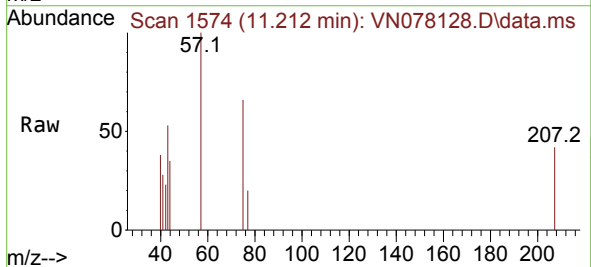
Instrument :
MSVOA_N
ClientSampleId :
IBLK

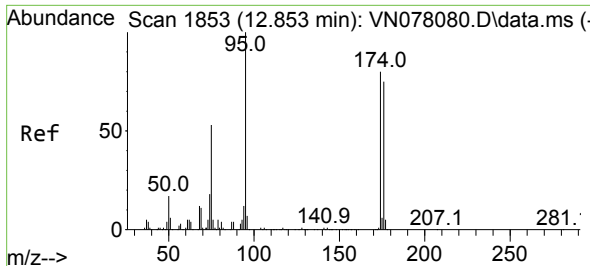
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
58 0.0 36.6 54.8#



#59
2-Hexanone
Concen: 0.378 ug/l
RT: 11.212 min Scan# 1574
Delta R.T. 0.012 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

Tgt Ion: 43 Resp: 1253
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

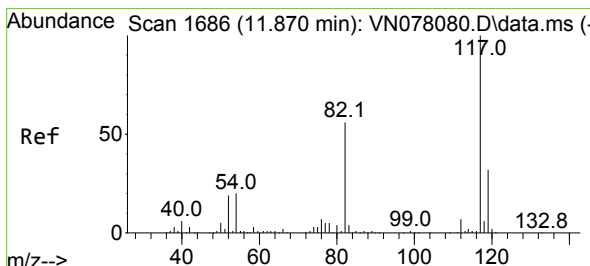
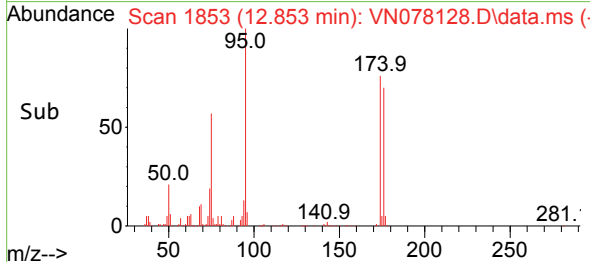
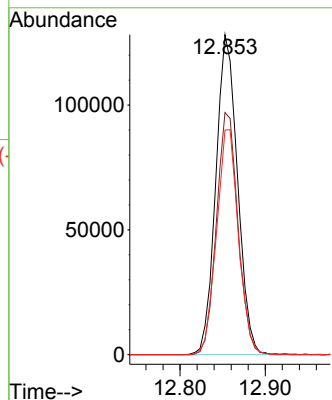
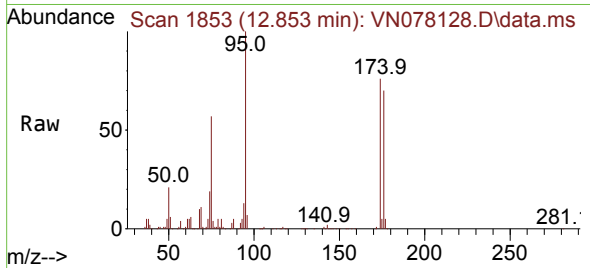




#62
4-Bromofluorobenzene
Concen: 44.899 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

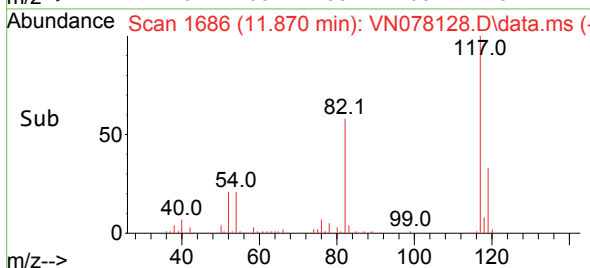
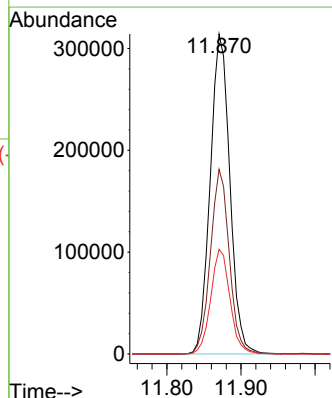
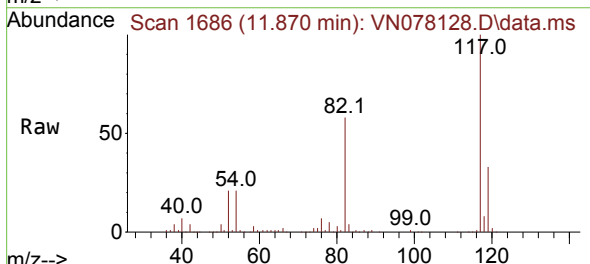
Instrument :
MSVOA_N
ClientSampleId :
IBLK

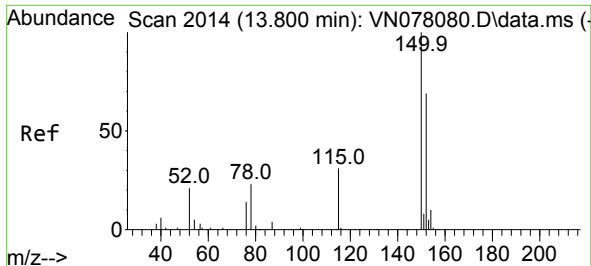
Tgt Ion: 95 Resp: 226984
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

Tgt Ion: 117 Resp: 578305
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 32.7 25.6 38.4

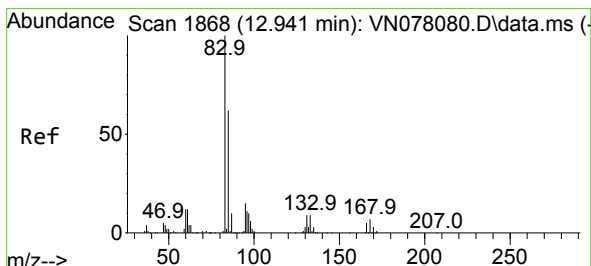
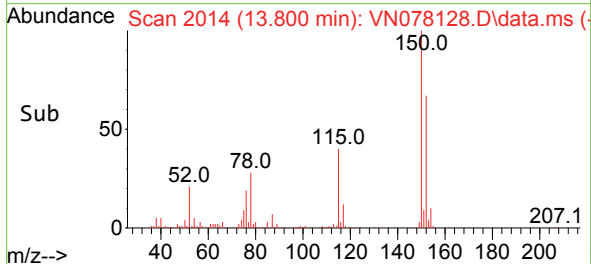
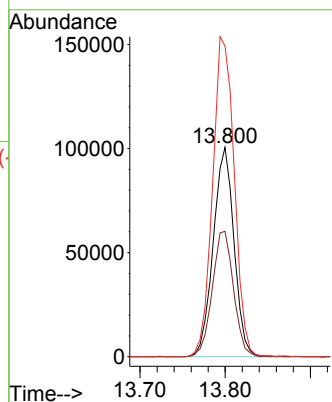
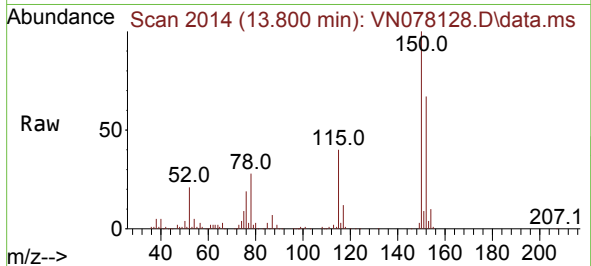




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. 0.000 min
 Lab File: VN078128.D
 Acq: 08 Jun 2023 14:36

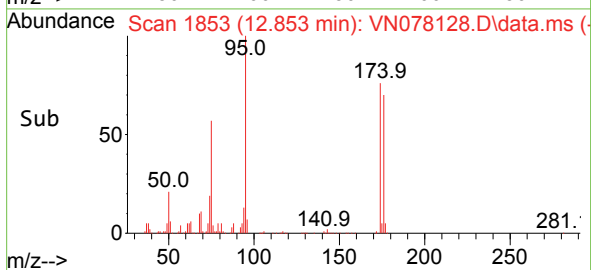
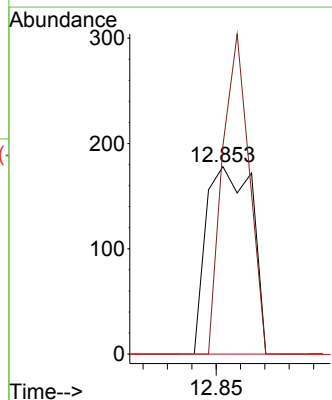
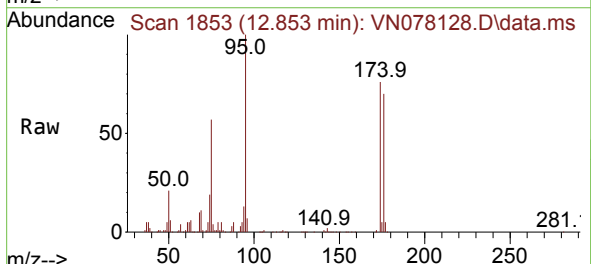
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

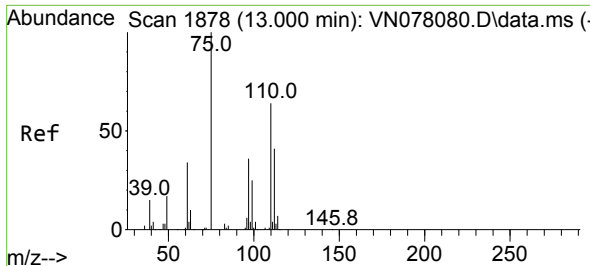
Tgt Ion:152 Resp: 170149
 Ion Ratio Lower Upper
 152 100
 115 61.4 32.3 96.8
 150 159.5 0.0 355.8



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.088 min
 Lab File: VN078128.D
 Acq: 08 Jun 2023 14:36

Tgt Ion: 83 Resp: 233
 Ion Ratio Lower Upper
 83 100
 131 99.1 5.0 15.0#
 85 0.0 31.9 95.7#

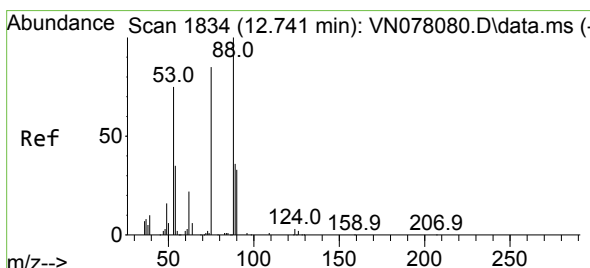
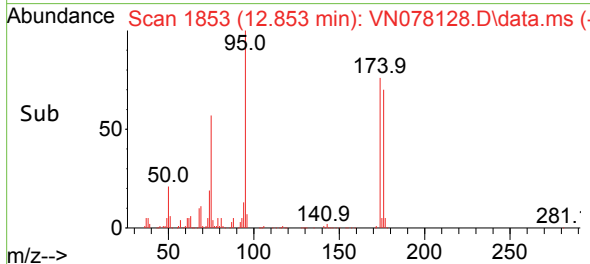
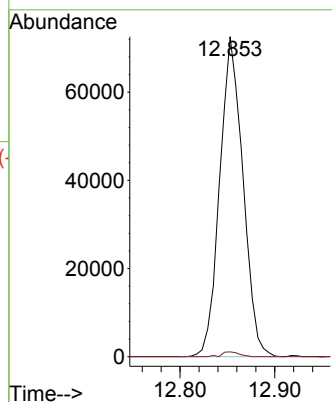
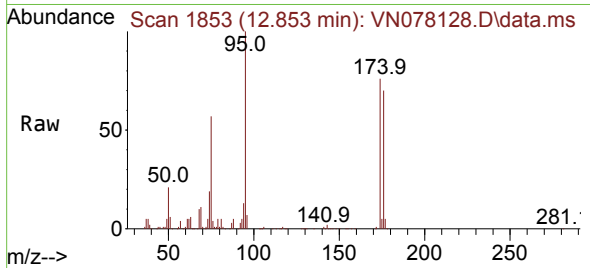




#76
1,2,3-Trichloropropane
Concen: 30.714 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.147 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 123542
Ion Ratio Lower Upper
75 100
77 1.1 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.362 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN078128.D
Acq: 08 Jun 2023 14:36

Tgt Ion: 75 Resp: 123542
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

