

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078032.D
 Acq On : 02 Jun 2023 15:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

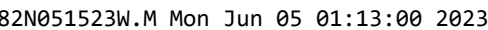
Quant Time: Jun 05 01:12:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

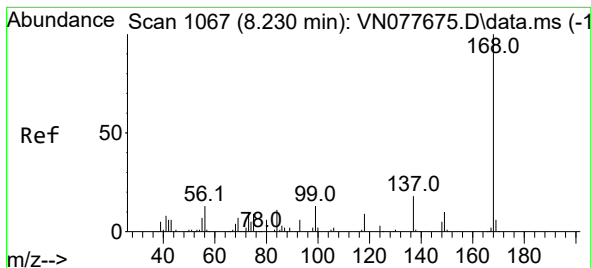
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	380095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	723088	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	632675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	198491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	268367	47.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.380%		
35) Dibromofluoromethane	8.177	113	234350	49.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.400%		
50) Toluene-d8	10.576	98	867311	47.788	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.580%		
62) 4-Bromofluorobenzene	12.859	95	259832	40.536	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.080%#		
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1427	Below Cal		89
11) Tert butyl alcohol	5.512	59	208	0.265 ug/l #		72
13) Acrolein	4.194	56	67	Below Cal #		16
16) Acetone	4.442	43	1149	0.642 ug/l #		72
18) Methyl Acetate	5.053	43	4344	0.579 ug/l #		85
20) Methylene Chloride	5.294	84	2334	Below Cal #		79
31) Cyclohexane	8.235	56	9764	1.263 ug/l #		44
36) 1,1-Dichloropropene	8.230	75	33871	4.911 ug/l #		49
38) Carbon Tetrachloride	8.235	117	44027	6.322 ug/l #		16
43) Isopropyl Acetate	8.706	43	40019	3.986 ug/l #		50
59) 2-Hexanone	11.194	43	2013	0.456 ug/l #		19
71) Bromoform	12.853	173	1767	0.560 ug/l #		28
76) 1,2,3-Trichloropropane	12.859	75	140168	28.198 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.859	75	140168	90.134 ug/l #		15

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

Quant Time: Jun 05 01:12:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 10

Delta R.T. 0.005 min

Lab File: VN078032.D

Acq: 02 Jun 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

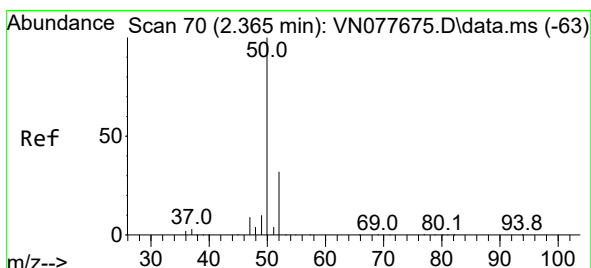
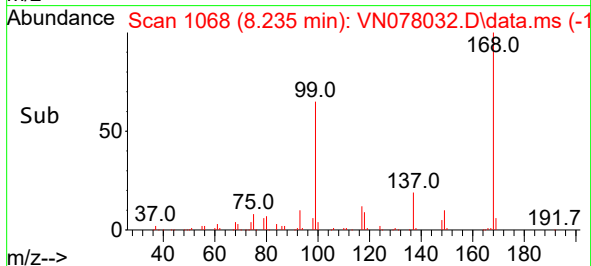
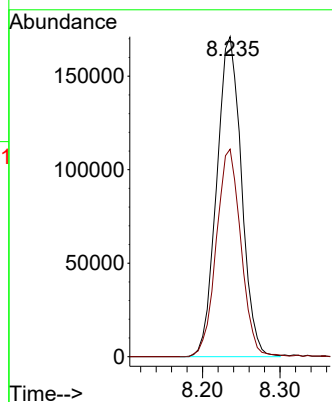
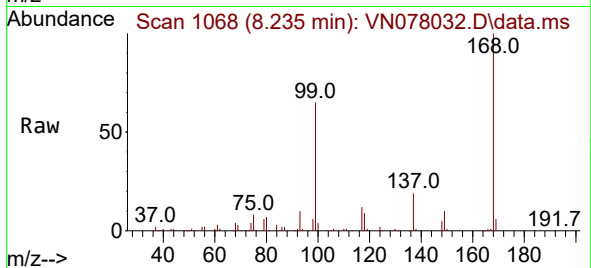
IBLK

Tgt Ion:168 Resp: 380095

Ion Ratio Lower Upper

168 100

99 64.8 53.0 79.6



#3

Chloromethane

Concen: Below Cal

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN078032.D

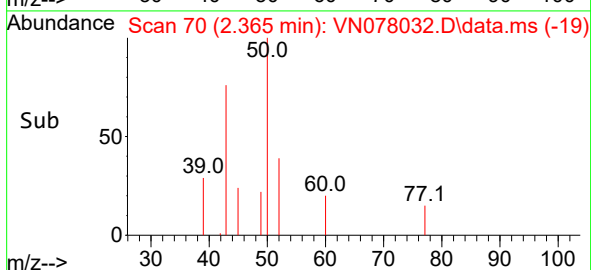
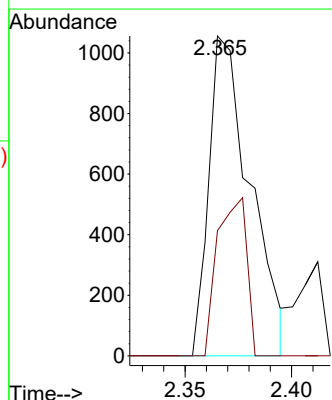
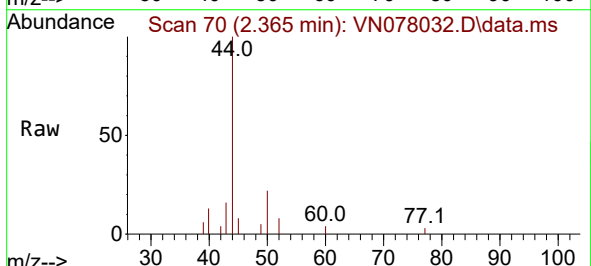
Acq: 02 Jun 2023 15:31

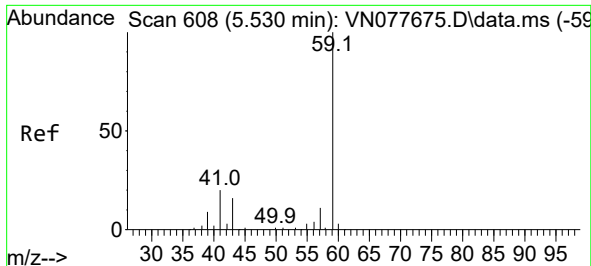
Tgt Ion: 50 Resp: 1427

Ion Ratio Lower Upper

50 100

52 39.1 26.5 39.7





#11

Tert butyl alcohol

Concen: 0.265 ug/l

RT: 5.512 min Scan# 608

Delta R.T. -0.018 min

Lab File: VN078032.D

Acq: 02 Jun 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

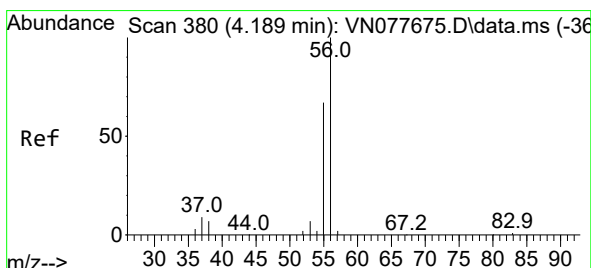
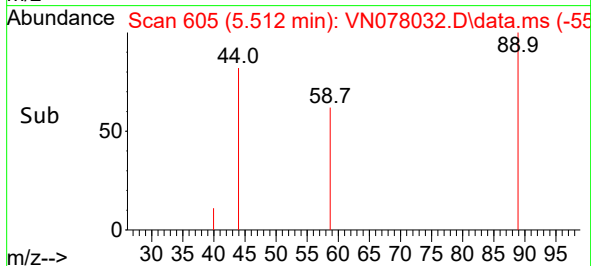
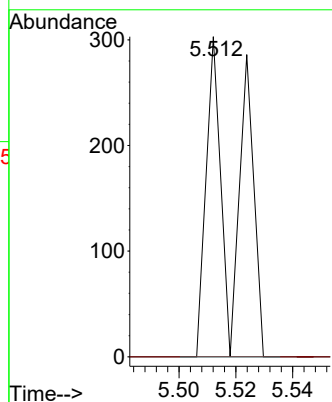
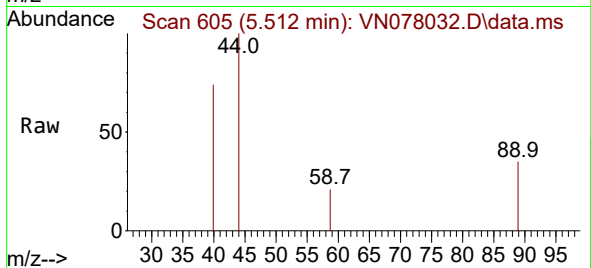
IBLK

Tgt Ion: 59 Resp: 208

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: Below Cal

RT: 4.194 min Scan# 381

Delta R.T. 0.005 min

Lab File: VN078032.D

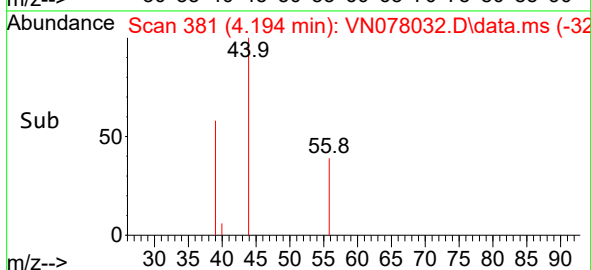
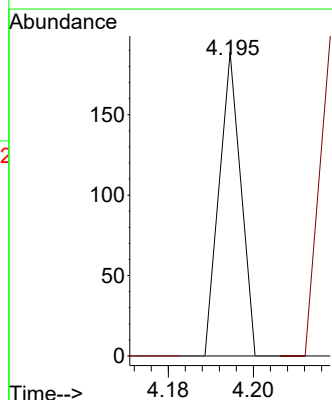
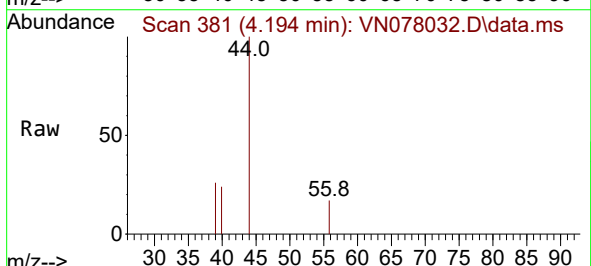
Acq: 02 Jun 2023 15:31

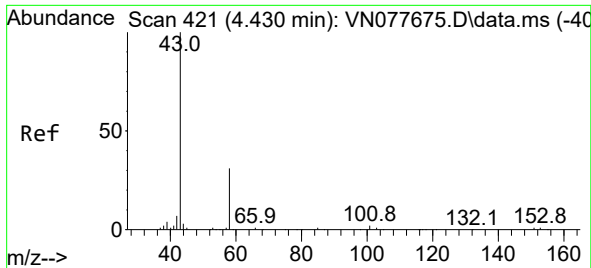
Tgt Ion: 56 Resp: 67

Ion Ratio Lower Upper

56 100

55 0.0 54.5 81.7#

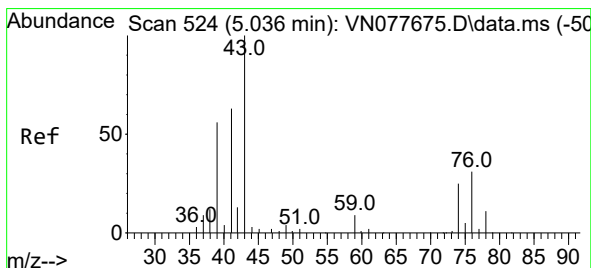
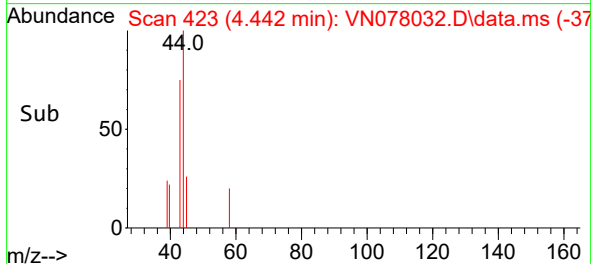
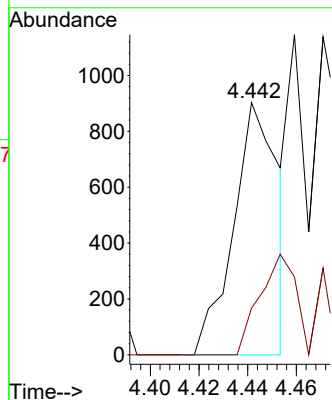
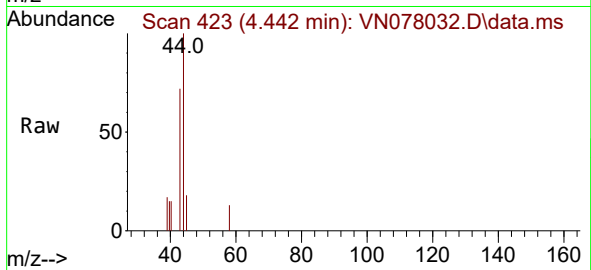




#16
Acetone
Concen: 0.642 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

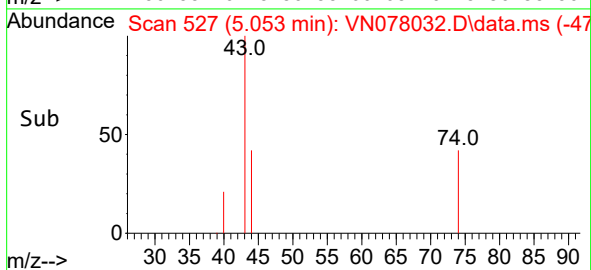
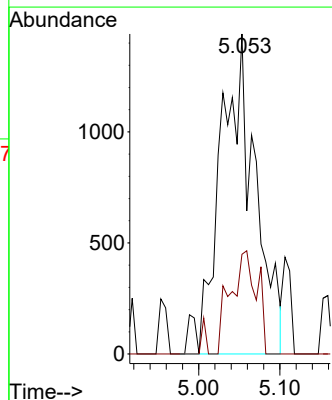
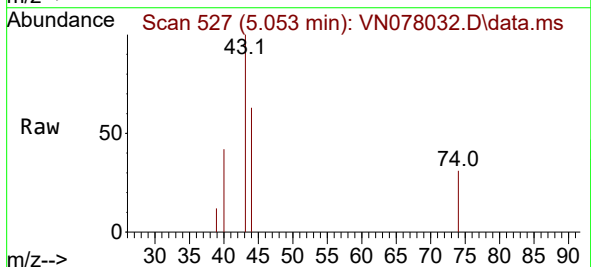
Instrument :
MSVOA_N
ClientSampleId :
IBLK

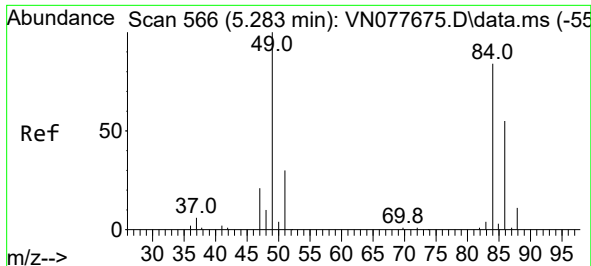
Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
58 18.5 28.0 42.0#



#18
Methyl Acetate
Concen: 0.579 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.017 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

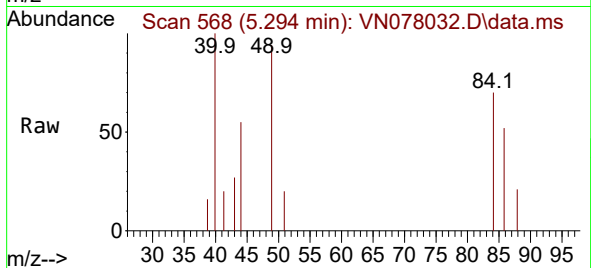
Tgt Ion: 43 Resp: 4344
Ion Ratio Lower Upper
43 100
74 24.1 26.2 39.4#



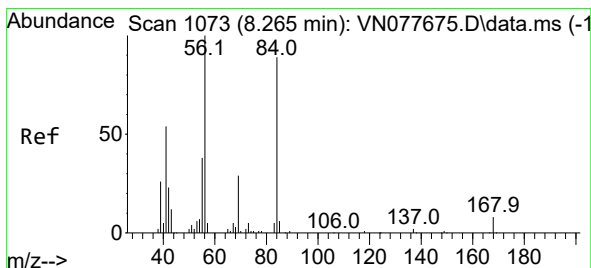
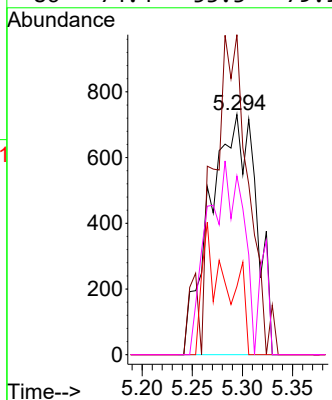
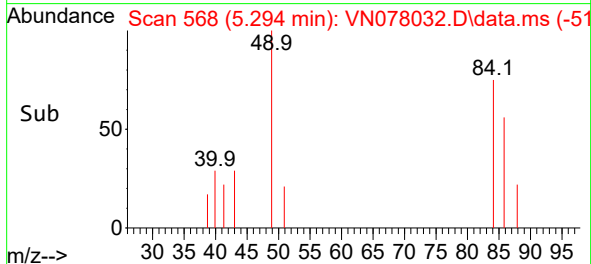


#20
Methylene Chloride
Concen: Below Cal
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

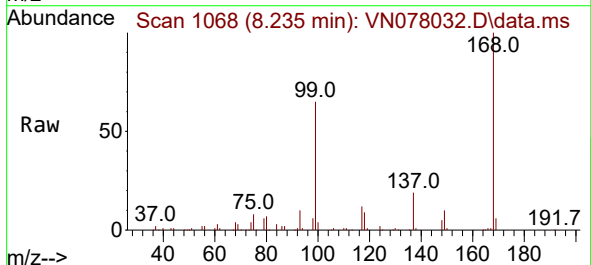
Instrument :
MSVOA_N
ClientSampleId :
IBLK



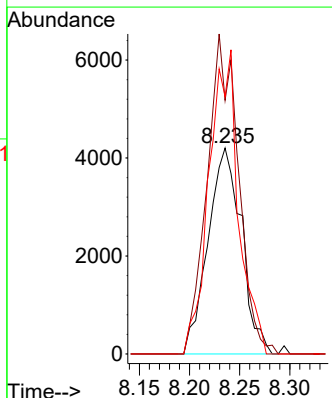
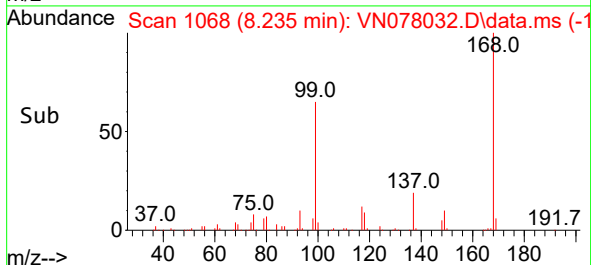
Tgt Ion:	84	Resp:	2334
Ion	Ratio	Lower	Upper
84	100		
49	133.2	79.7	119.5#
51	28.5	25.2	37.8
86	74.4	53.3	79.9

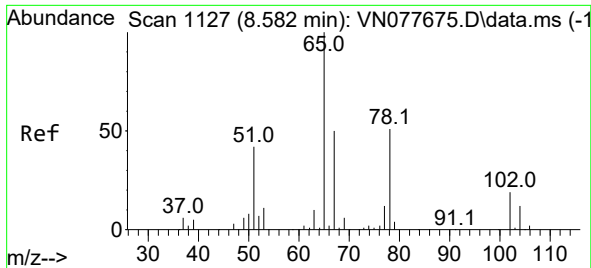


#31
Cyclohexane
Concen: 1.263 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31



Tgt Ion:	56	Resp:	9764
Ion	Ratio	Lower	Upper
56	100		
69	123.1	26.8	40.2#
84	124.9	81.8	122.6#





#33

1,2-Dichloroethane-d4

Concen: 47.188 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078032.D

Acq: 02 Jun 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

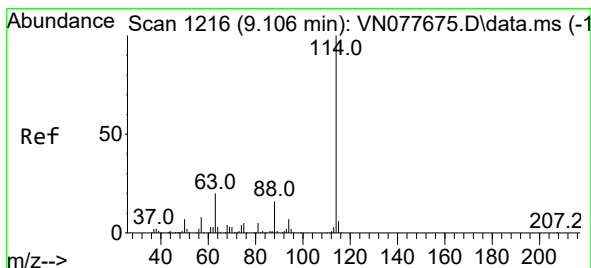
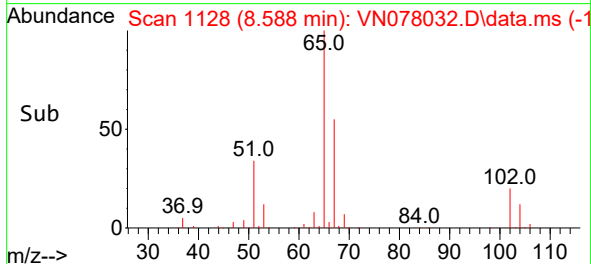
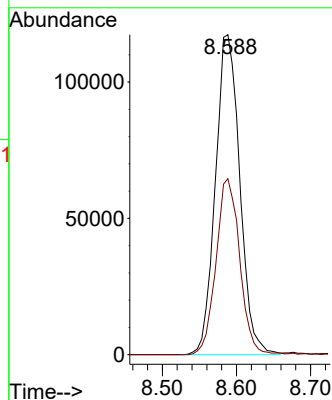
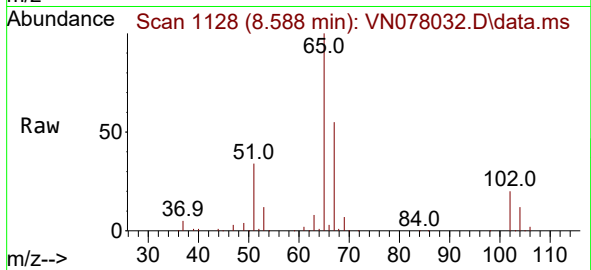
IBLK

Tgt Ion: 65 Resp: 268367

Ion Ratio Lower Upper

65 100

67 53.5 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: VN078032.D

Acq: 02 Jun 2023 15:31

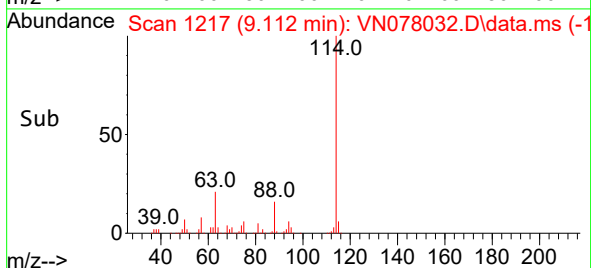
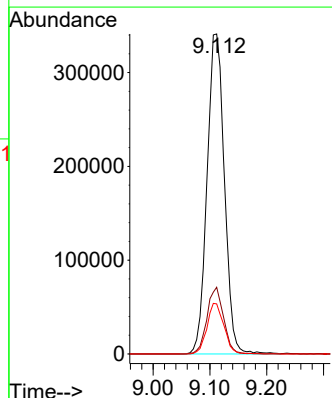
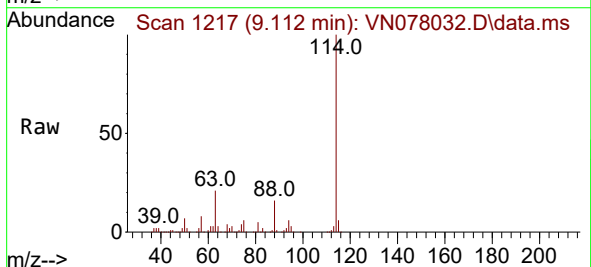
Tgt Ion: 114 Resp: 723088

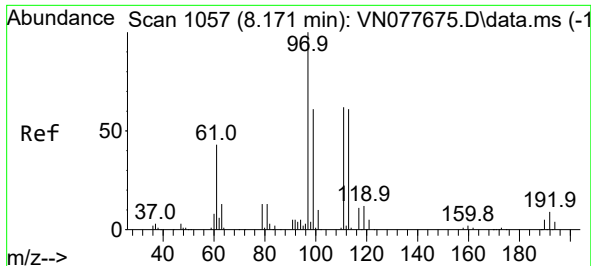
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.7 0.0 30.6

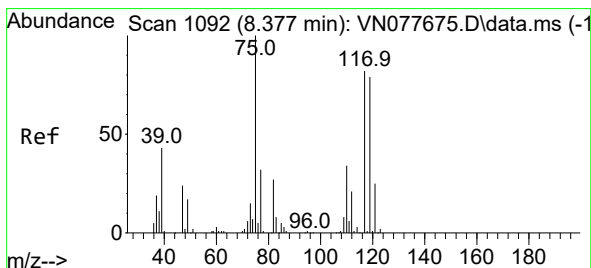
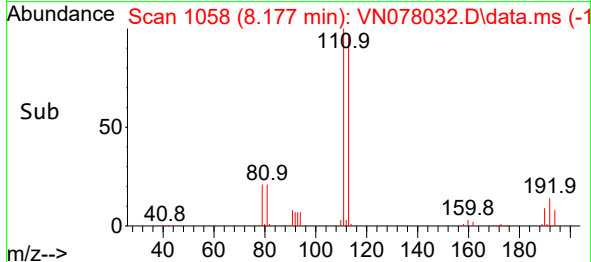
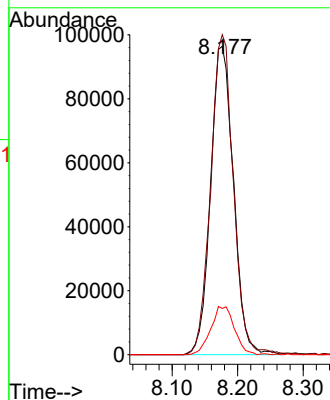
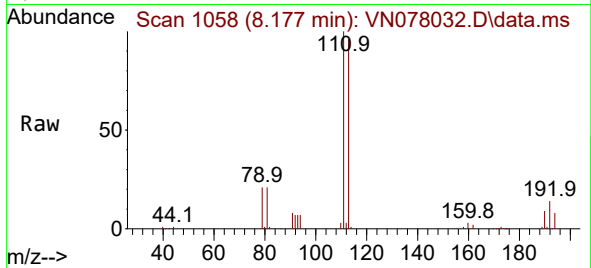




#35
Dibromofluoromethane
Concen: 49.701 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

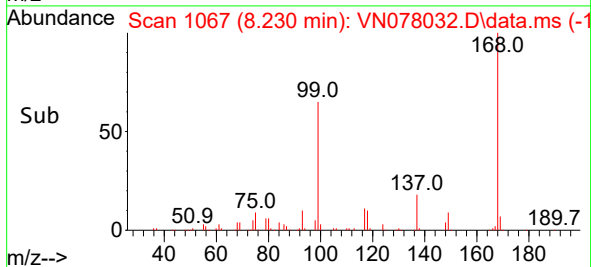
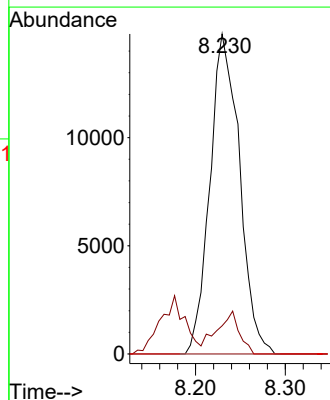
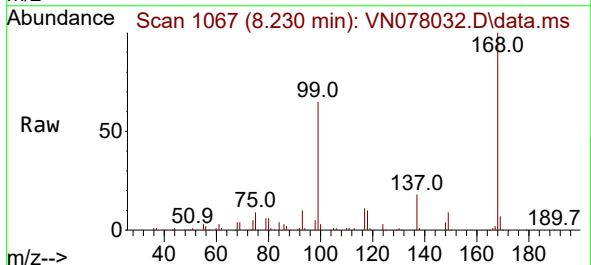
Instrument :
MSVOA_N
ClientSampleId :
IBLK

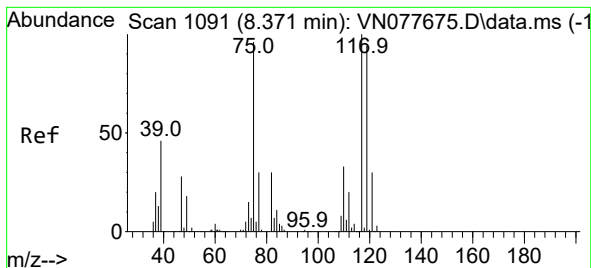
Tgt Ion:113 Resp: 234350
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.911 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

Tgt Ion: 75 Resp: 33871
Ion Ratio Lower Upper
75 100
110 10.2 19.1 57.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.322 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VN078032.D

Acq: 02 Jun 2023 15:31

Instrument :

MSVOA_N

ClientSampleId :

IBLK

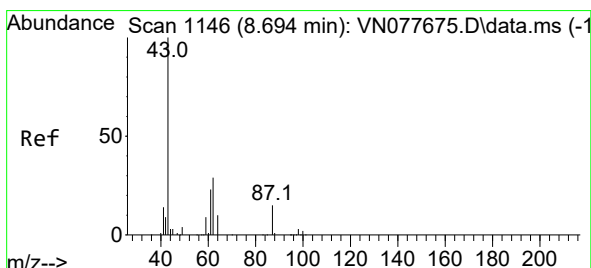
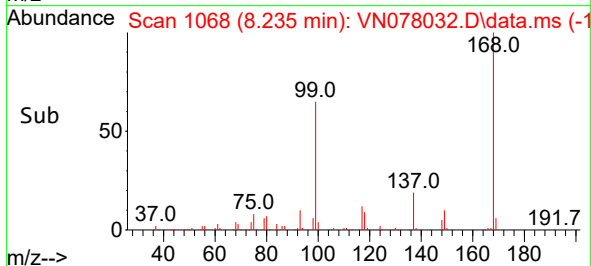
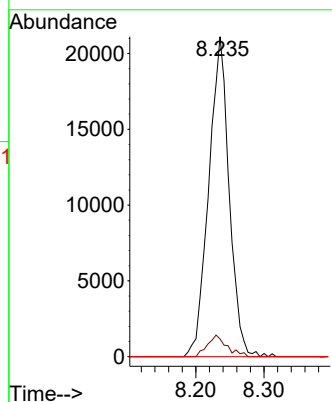
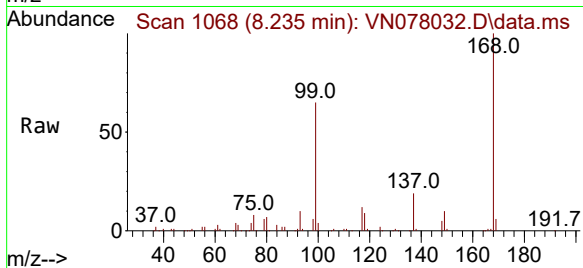
Tgt Ion:117 Resp: 44027

Ion Ratio Lower Upper

117 100

119 5.6 77.3 115.9#

121 0.0 23.3 34.9#



#43

Isopropyl Acetate

Concen: 3.986 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN078032.D

Acq: 02 Jun 2023 15:31

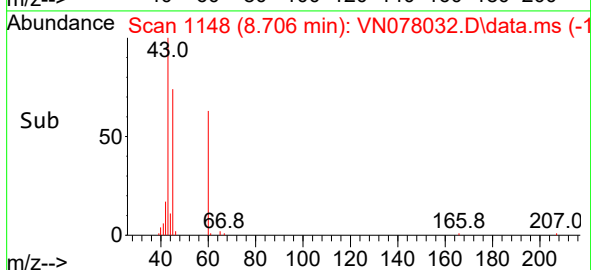
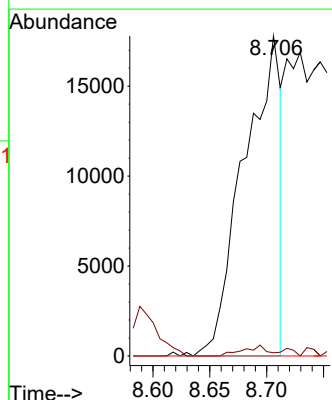
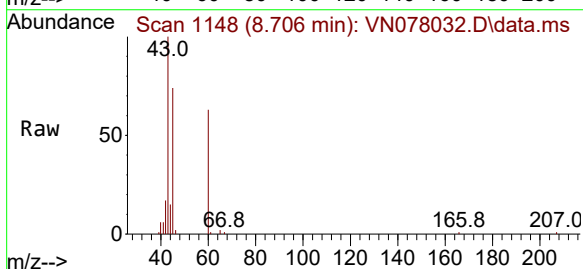
Tgt Ion: 43 Resp: 40019

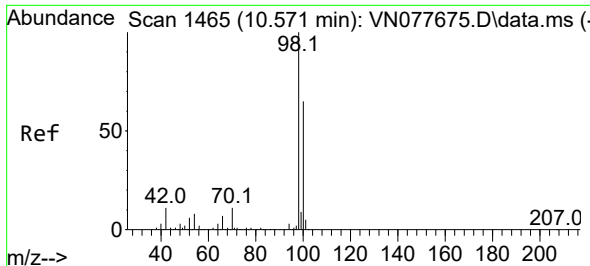
Ion Ratio Lower Upper

43 100

61 0.8 24.7 37.1#

87 0.0 14.6 21.8#

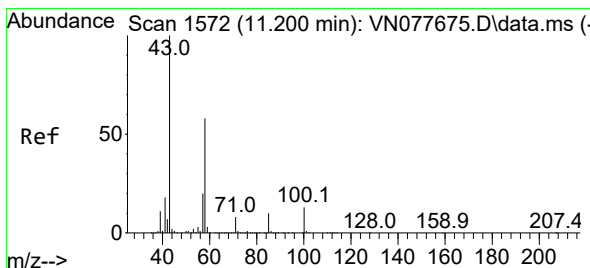
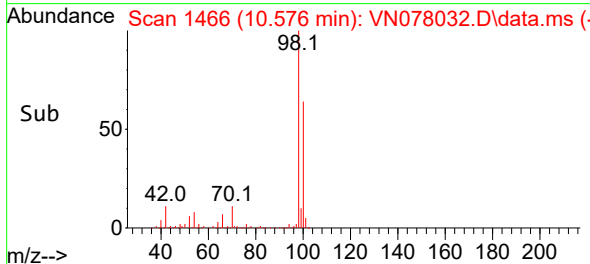
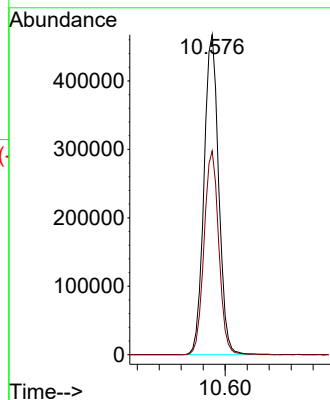
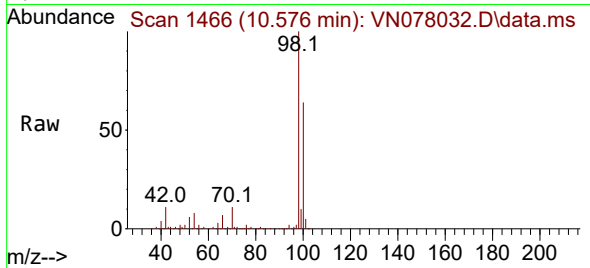




#50
Toluene-d8
Concen: 47.788 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

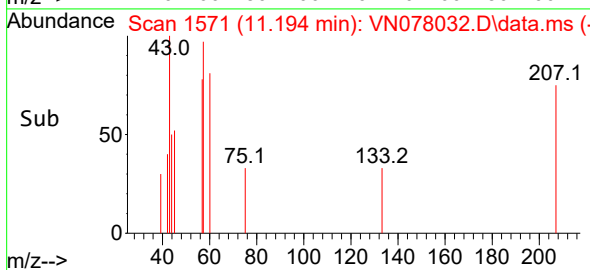
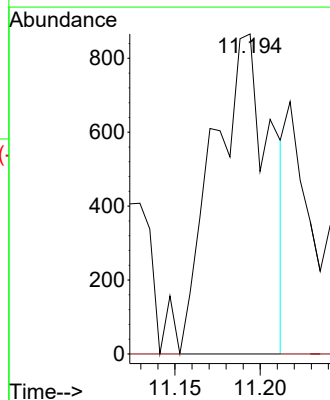
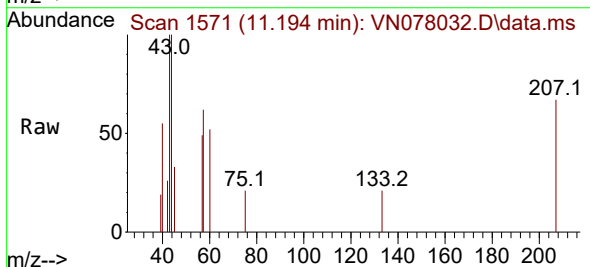
Instrument :
MSVOA_N
ClientSampleId :
IBLK

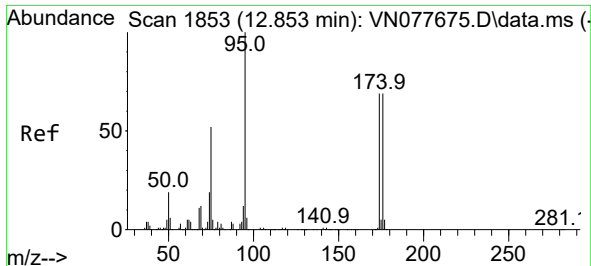
Tgt Ion: 98 Resp: 867311
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#59
2-Hexanone
Concen: 0.456 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

Tgt Ion: 43 Resp: 2013
Ion Ratio Lower Upper
43 100
58 0.0 31.7 95.1#

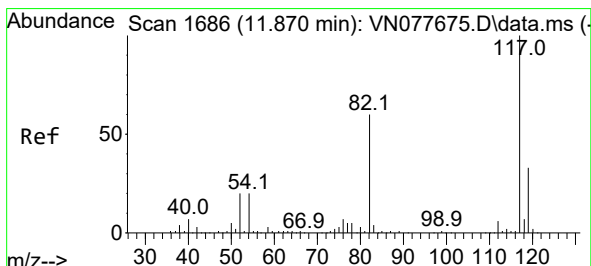
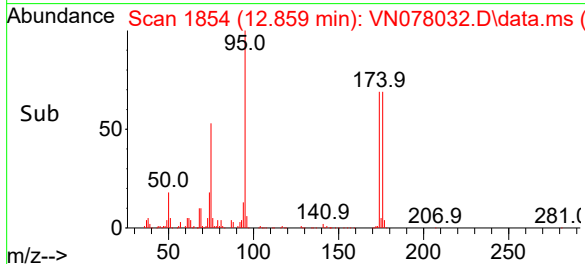
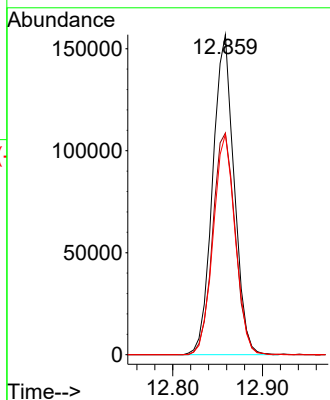
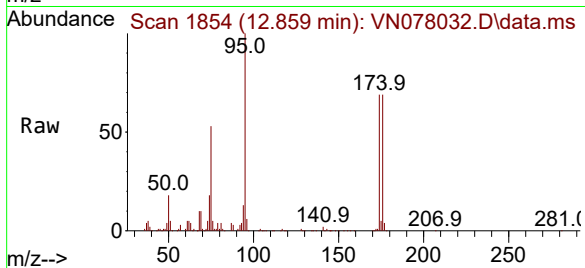




#62
4-Bromofluorobenzene
Concen: 40.536 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

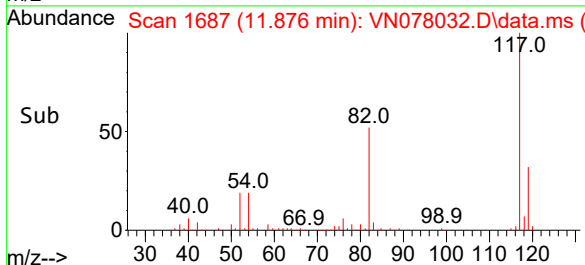
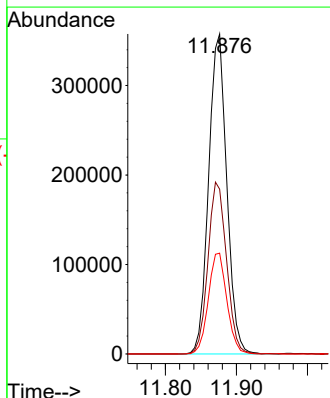
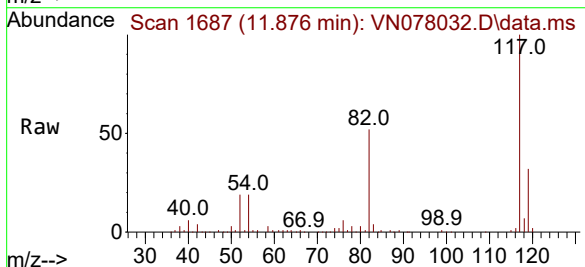
Instrument :
MSVOA_N
ClientSampleId :
IBLK

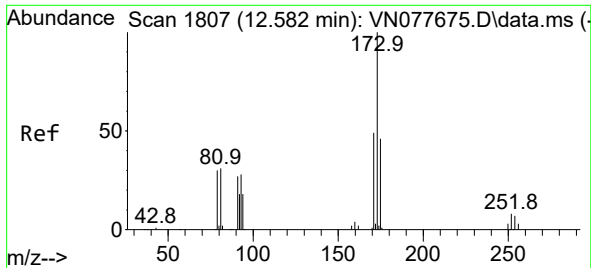
Tgt Ion: 95 Resp: 259832
Ion Ratio Lower Upper
95 100
174 72.9 0.0 143.8
176 70.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

Tgt Ion: 117 Resp: 632675
Ion Ratio Lower Upper
117 100
82 51.5 44.0 66.0
119 31.5 25.6 38.4

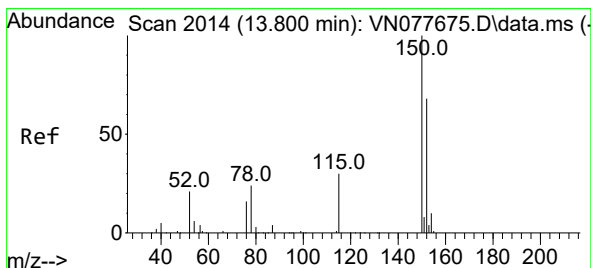
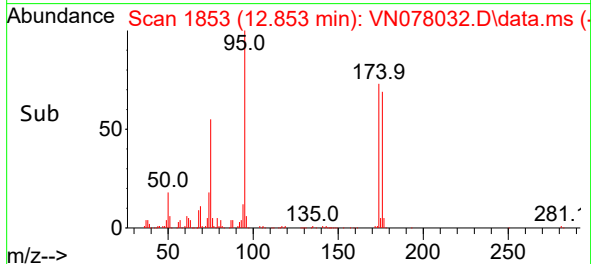
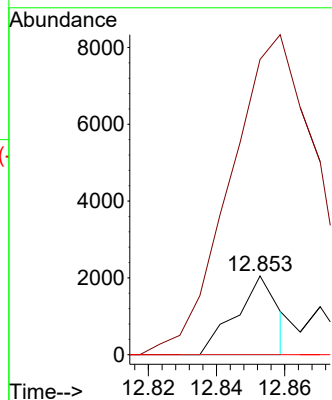
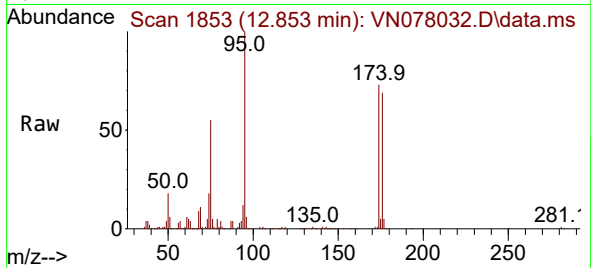




#71
Bromoform
Concen: 0.560 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.271 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

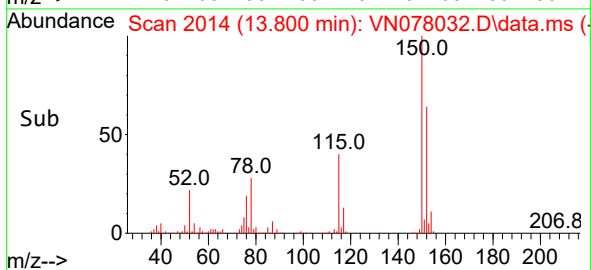
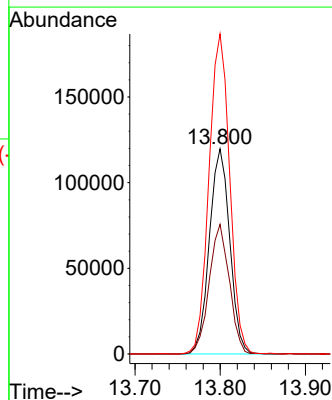
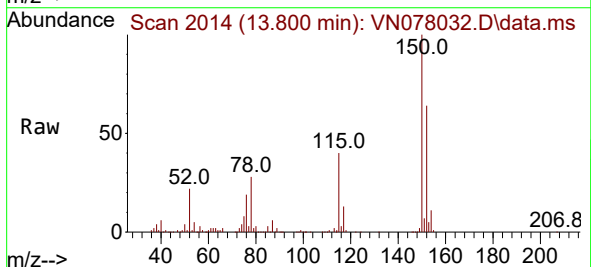
Instrument :
MSVOA_N
ClientSampleId :
IBLK

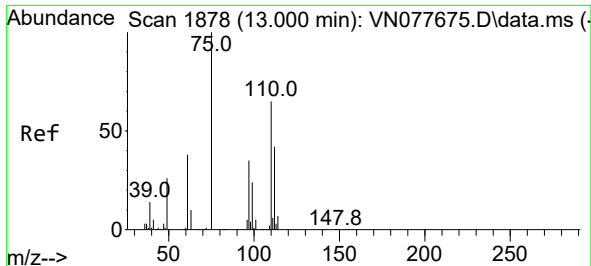
Tgt Ion:173 Resp: 1767
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

Tgt Ion:152 Resp: 198491
Ion Ratio Lower Upper
152 100
115 62.8 32.3 96.8
150 158.6 0.0 355.8

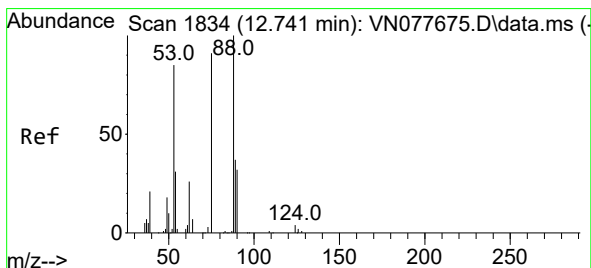
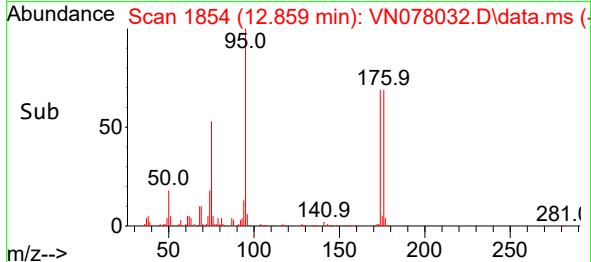
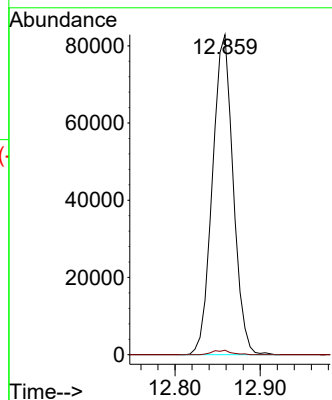
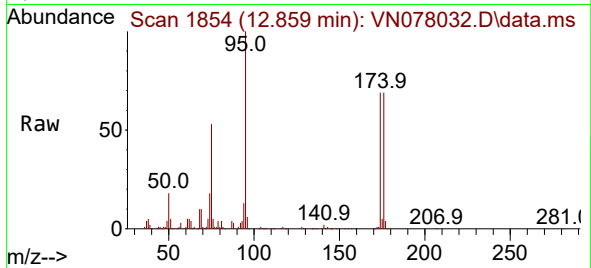




#76
1,2,3-Trichloropropane
Concen: 28.198 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. -0.141 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 140168
Ion Ratio Lower Upper
75 100
77 1.2 84.5 253.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.134 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.118 min
Lab File: VN078032.D
Acq: 02 Jun 2023 15:31

Tgt Ion: 75 Resp: 140168
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#

