

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071423\
 Data File : VN078525.D
 Acq On : 14 Jul 2023 16:24
 Operator : JC\MD
 Sample : 03632-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Jul 15 04:04:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

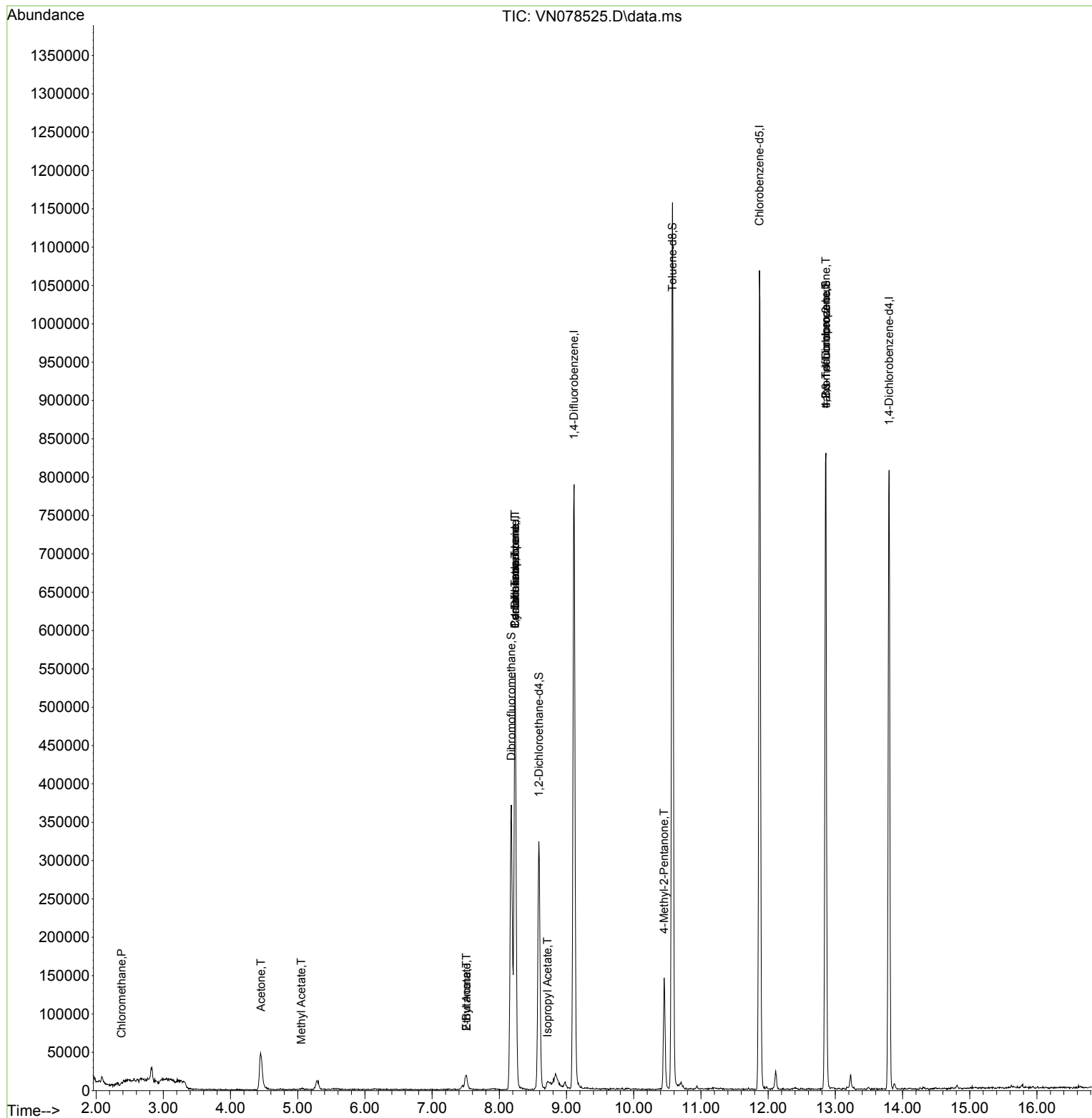
Internal Standards						
1) Pentafluorobenzene	8.236	168	386005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	711037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	652236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	222298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	264666	51.145	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 102.300%		
35) Dibromofluoromethane	8.177	113	271239	56.195	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 112.400%		
50) Toluene-d8	10.577	98	830757	45.561	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 91.120%		
62) 4-Bromofluorobenzene	12.859	95	285815	50.889	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.780%		
Target Compounds						
						Qvalue
3) Chloromethane	2.377	50	2073	0.403	ug/l	94
5) Bromomethane	2.971	94	2027	Below Cal	#	21
6) Chloroethane	3.054	64	2936	Below Cal	#	87
16) Acetone	4.453	43	92078	57.122	ug/l	89
18) Methyl Acetate	5.053	43	1862	0.273	ug/l #	42
25) 2-Butanone	7.512	43	33448	13.182	ug/l #	80
31) Cyclohexane	8.236	56	9463	1.353	ug/l #	43
36) 1,1-Dichloropropene	8.236	75	31952	4.585	ug/l #	49
37) Ethyl Acetate	7.512	43	33448	5.757	ug/l #	64
38) Carbon Tetrachloride	8.236	117	42076	5.555	ug/l #	15
43) Isopropyl Acetate	8.718	43	5788	0.605	ug/l #	49
51) 4-Methyl-2-Pentanone	10.453	43	92183	16.203	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.965	83	168	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.859	75	153511	28.570	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.859	75	153511	75.076	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	14.694	75	53	Below Cal	#	4

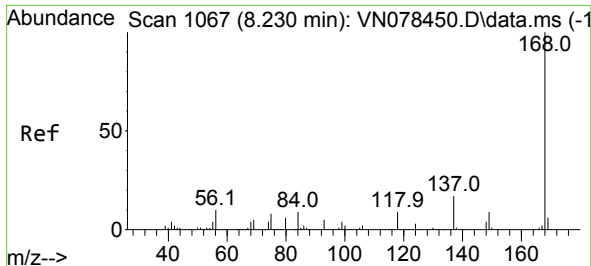
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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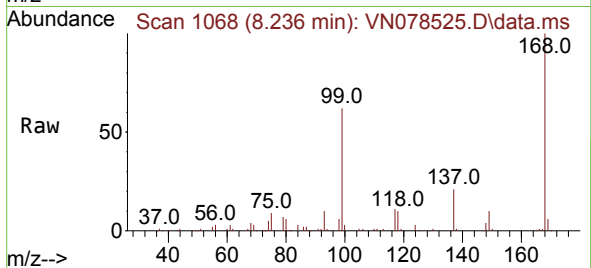
Quant Time: Jul 15 04:04:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration



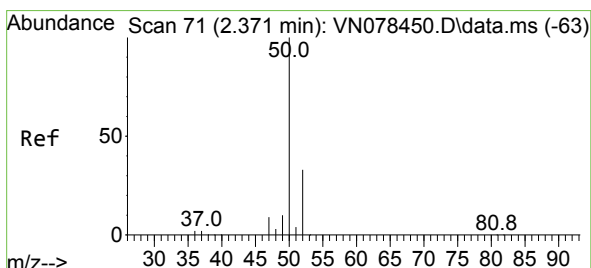
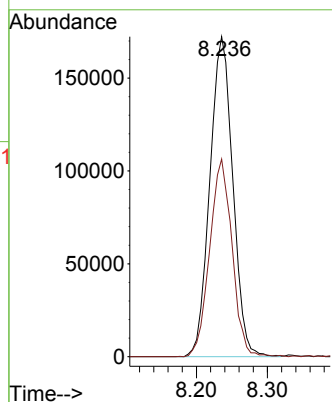
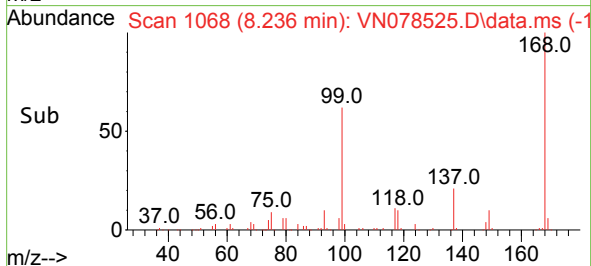


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

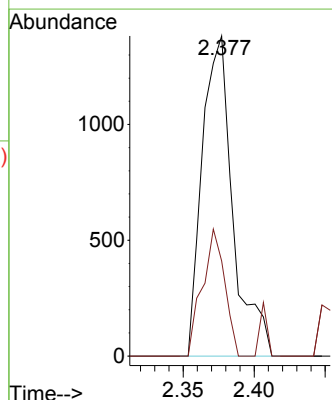
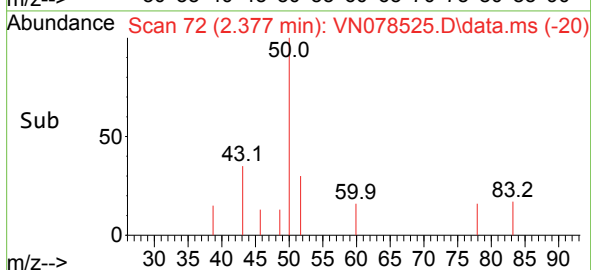
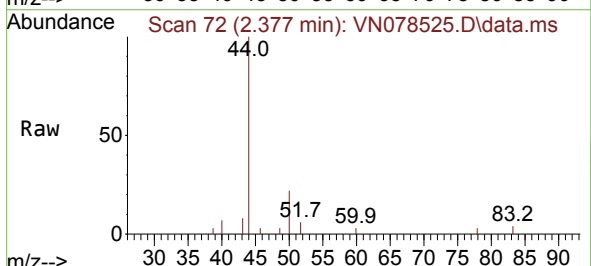


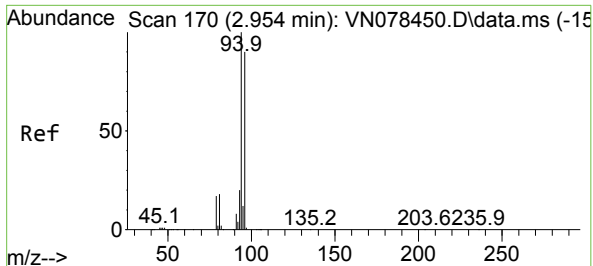
Tgt Ion:168 Resp: 386005
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6



#3
Chloromethane
Concen: 0.403 ug/l
RT: 2.377 min Scan# 72
Delta R.T. 0.006 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 50 Resp: 2073
Ion Ratio Lower Upper
50 100
52 29.7 26.5 39.7

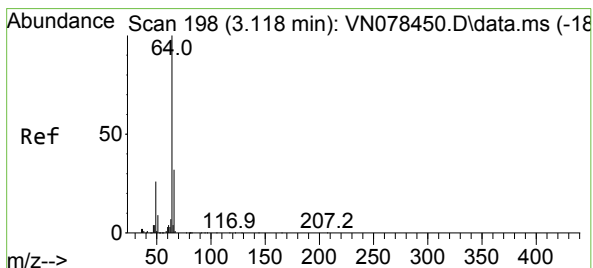
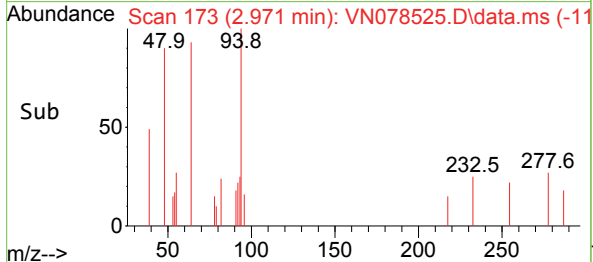
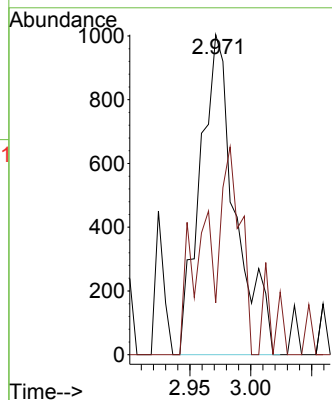
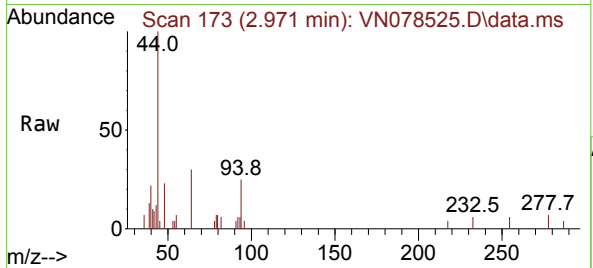




#5
Bromomethane
Concen: Below Cal
RT: 2.971 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

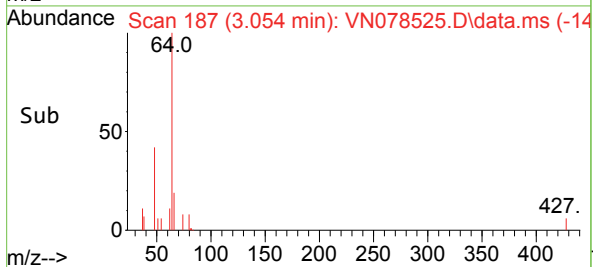
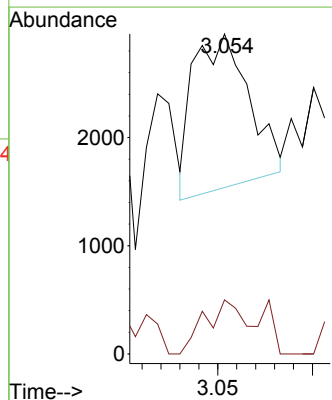
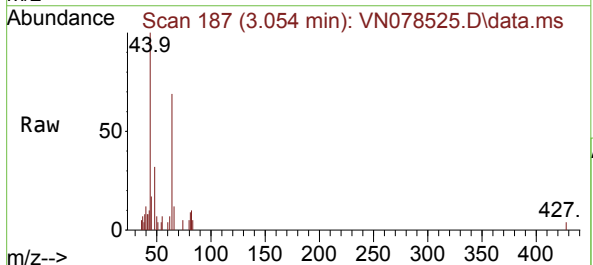
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

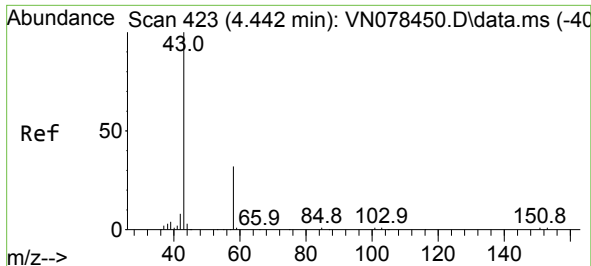
Tgt Ion: 94 Resp: 2027
Ion Ratio Lower Upper
94 100
96 16.2 73.1 109.7#



#6
Chloroethane
Concen: Below Cal
RT: 3.054 min Scan# 187
Delta R.T. -0.064 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 64 Resp: 2936
Ion Ratio Lower Upper
64 100
66 39.2 25.4 38.2#

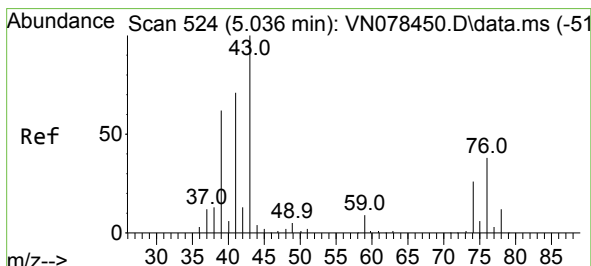
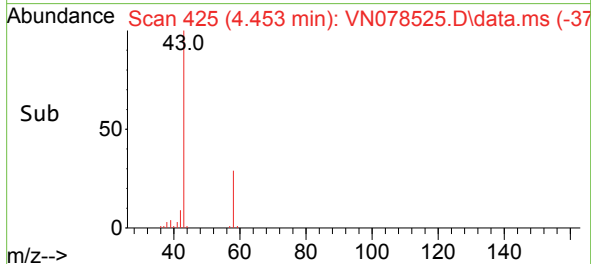
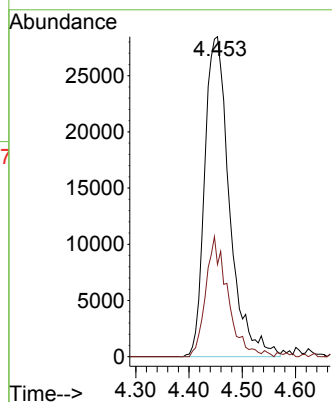
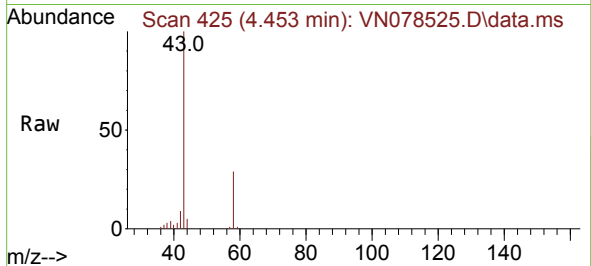




#16
Acetone
Concen: 57.122 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

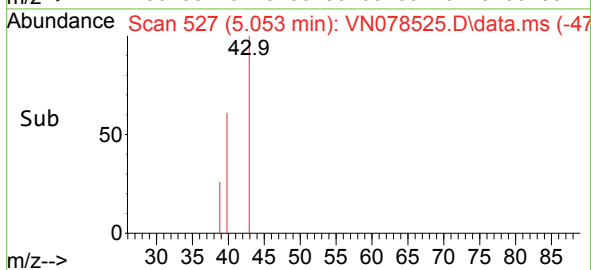
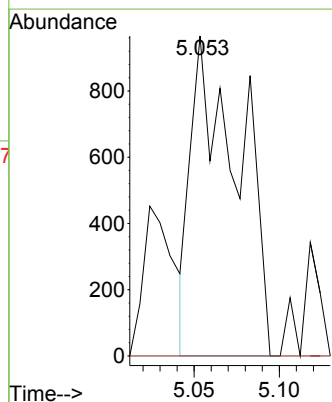
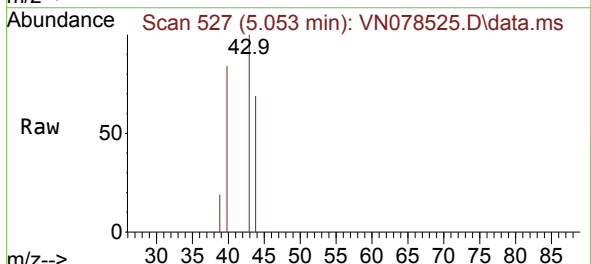
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

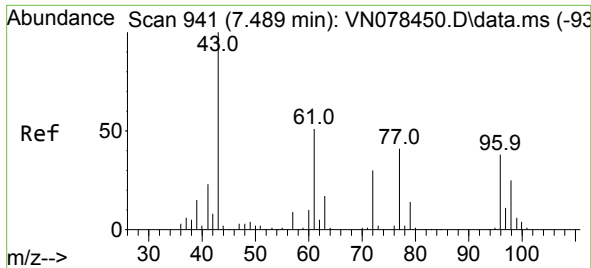
Tgt Ion: 43 Resp: 92078
Ion Ratio Lower Upper
43 100
58 28.8 28.0 42.0



#18
Methyl Acetate
Concen: 0.273 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.017 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 43 Resp: 1862
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#

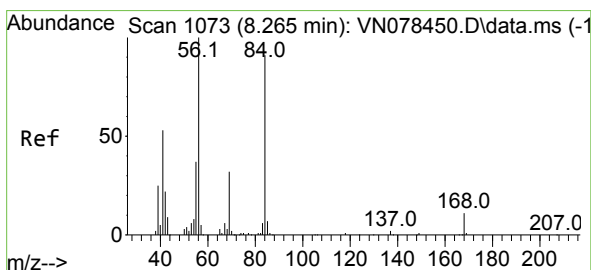
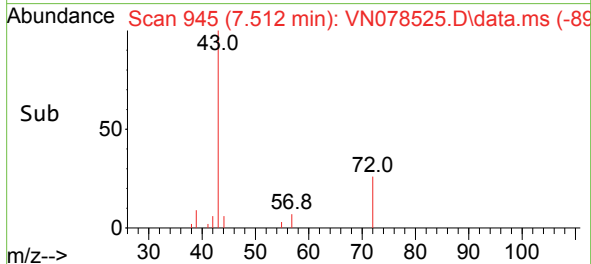
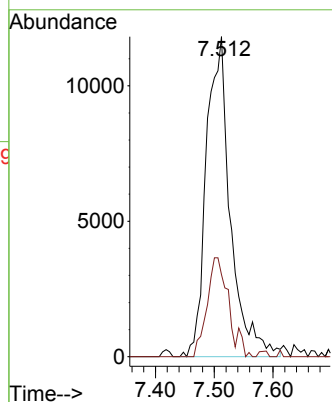
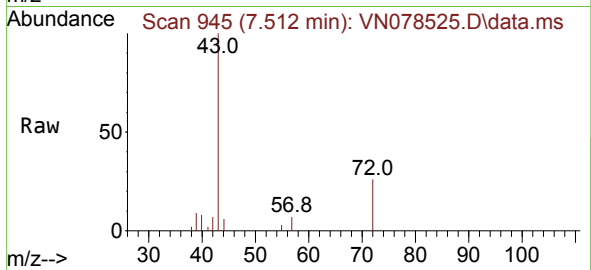




#25
2-Butanone
Concen: 13.182 ug/l
RT: 7.512 min Scan# 941
Delta R.T. 0.023 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

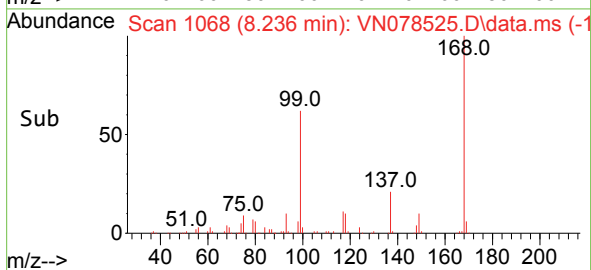
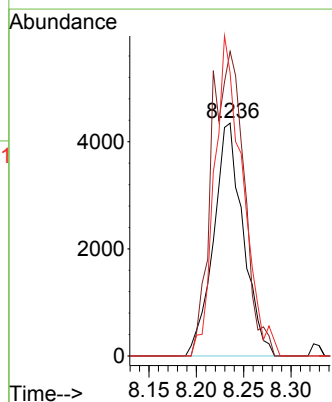
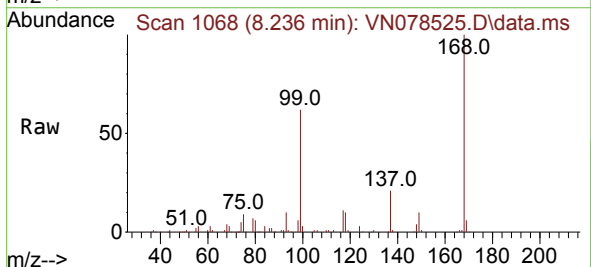
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

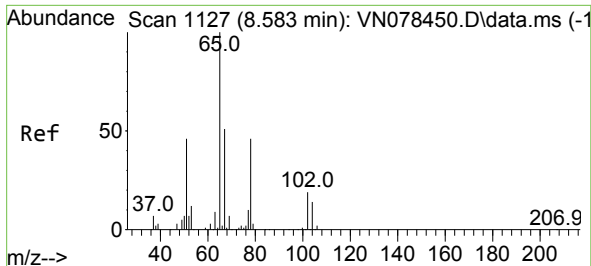
Tgt Ion: 43 Resp: 33448
Ion Ratio Lower Upper
43 100
72 25.7 30.2 45.2#



#31
Cyclohexane
Concen: 1.353 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 56 Resp: 9463
Ion Ratio Lower Upper
56 100
69 130.8 26.8 40.2#
84 121.6 81.8 122.6





#33

1,2-Dichloroethane-d4

Concen: 51.145 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.005 min

Lab File: VN078525.D

Acq: 14 Jul 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

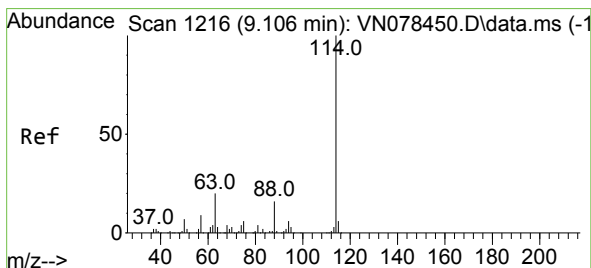
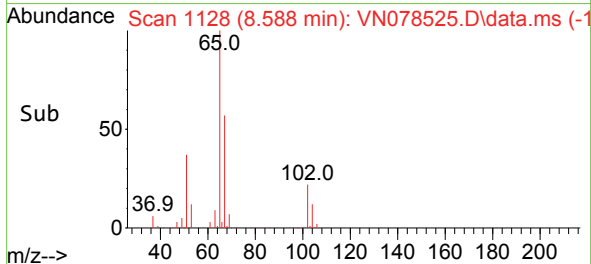
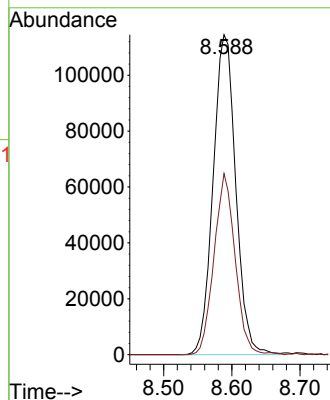
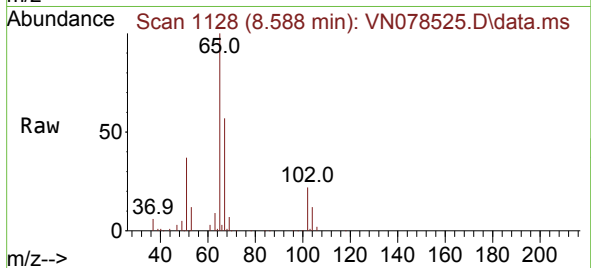
RINSATE-BLANK

Tgt Ion: 65 Resp: 264666

Ion Ratio Lower Upper

65 100

67 52.8 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: VN078525.D

Acq: 14 Jul 2023 16:24

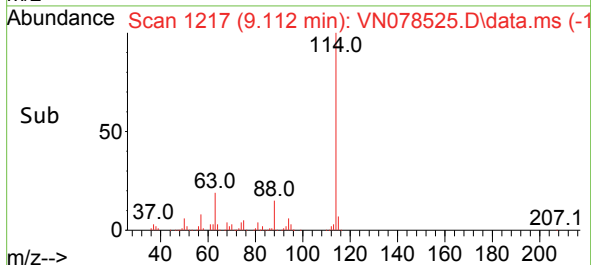
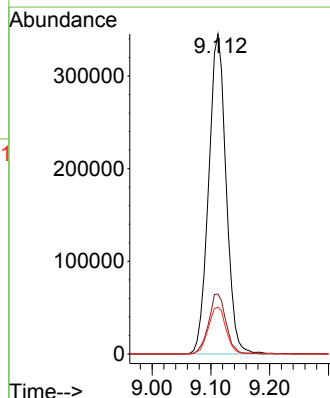
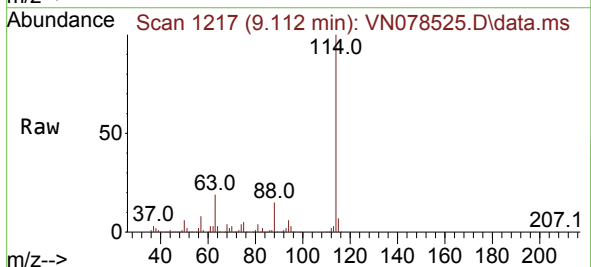
Tgt Ion: 114 Resp: 711037

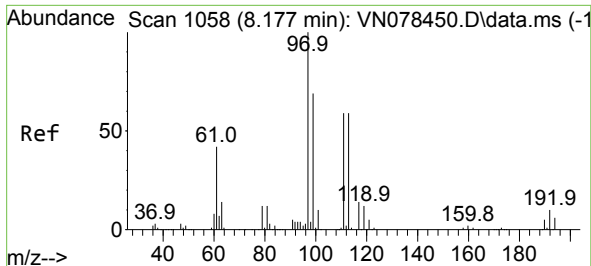
Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 14.6 0.0 30.6

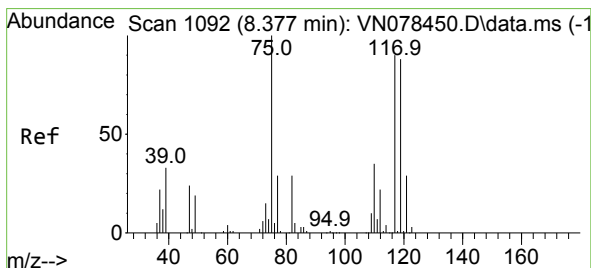
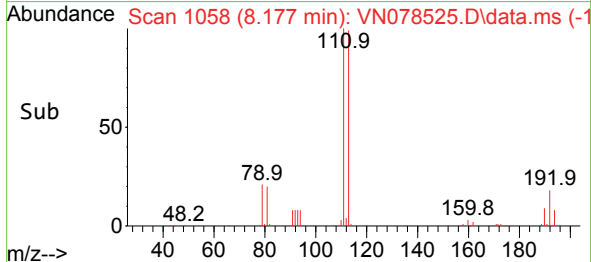
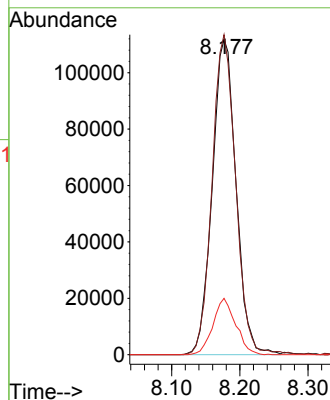
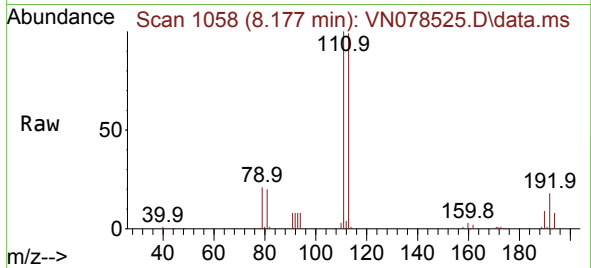




#35
Dibromofluoromethane
Concen: 56.195 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

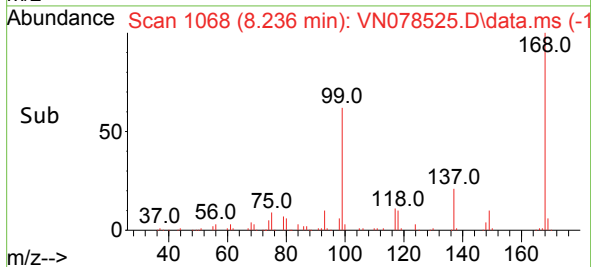
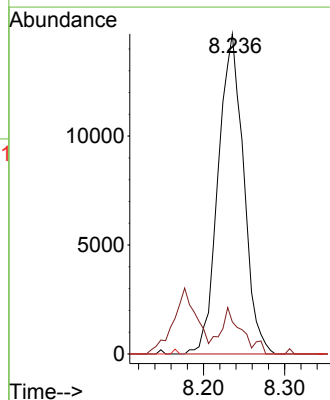
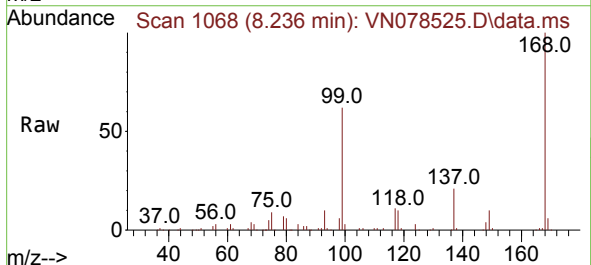
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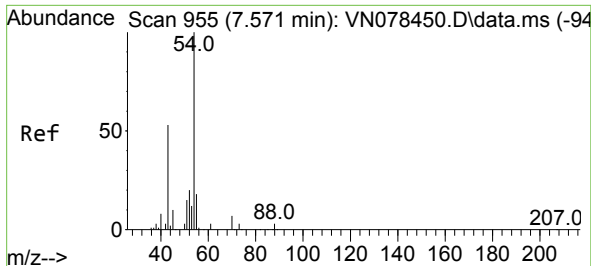
Tgt Ion:113 Resp: 271239
Ion Ratio Lower Upper
113 100
111 100.7 82.6 123.8
192 17.1 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.585 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 75 Resp: 31952
Ion Ratio Lower Upper
75 100
110 10.4 19.1 57.3#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 5.757 ug/l

RT: 7.512 min Scan# 945

Delta R.T. -0.059 min

Lab File: VN078525.D

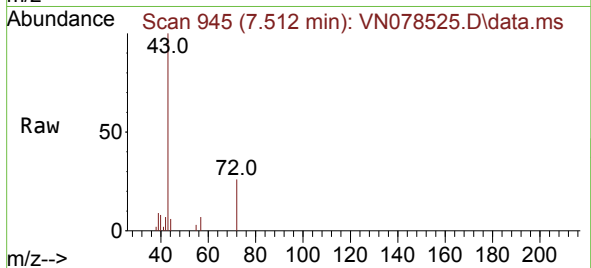
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Instrument :

MSVOA_N

ClientSampleId :

RINSATE-BLANK



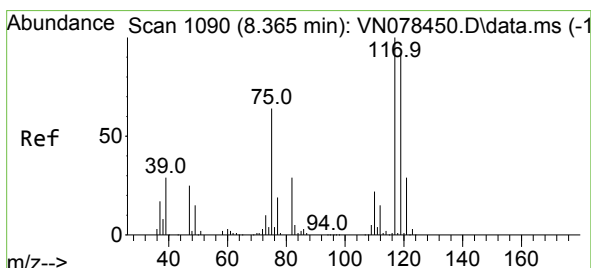
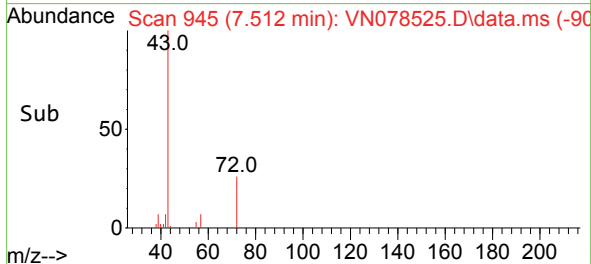
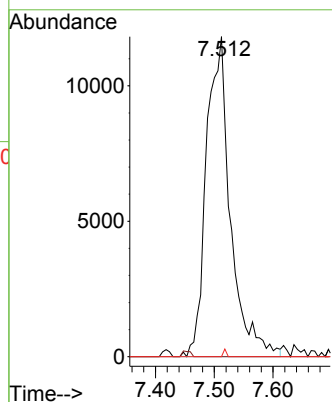
Tgt Ion: 43 Resp: 33448

Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 0.3 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 5.555 ug/l

RT: 8.236 min Scan# 1068

Delta R.T. -0.129 min

Lab File: VN078525.D

Acq: 14 Jul 2023 16:24

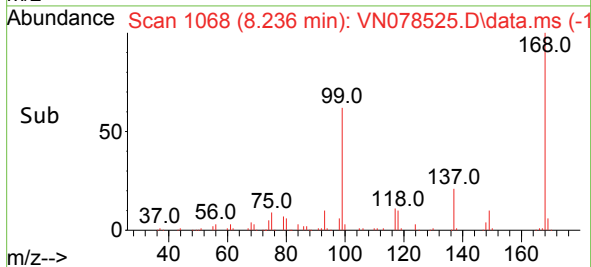
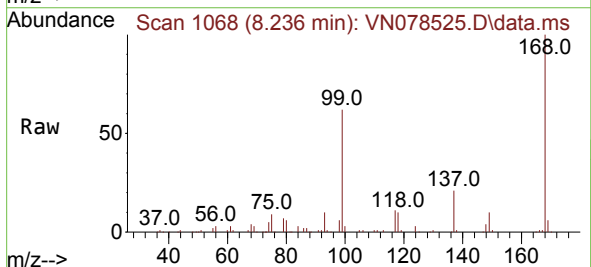
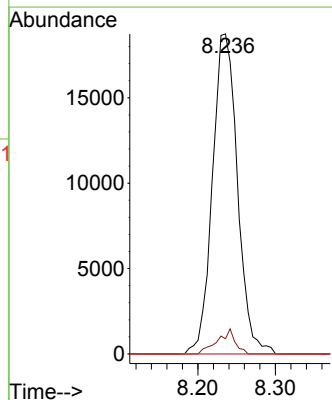
Tgt Ion: 117 Resp: 42076

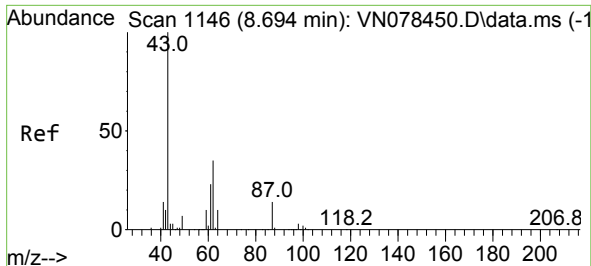
Ion Ratio Lower Upper

117 100

119 4.8 77.3 115.9#

121 0.0 23.3 34.9#

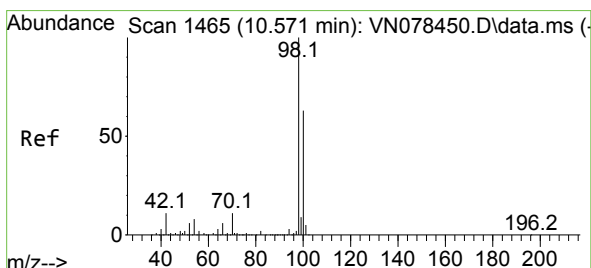
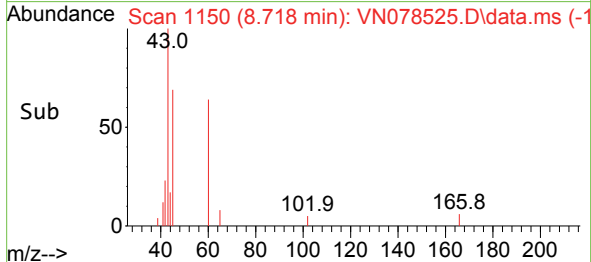
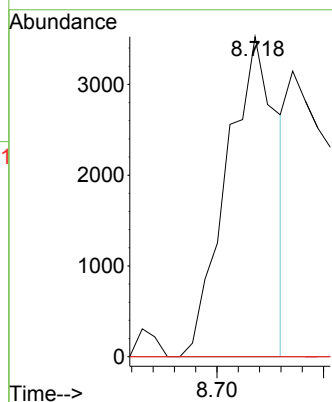
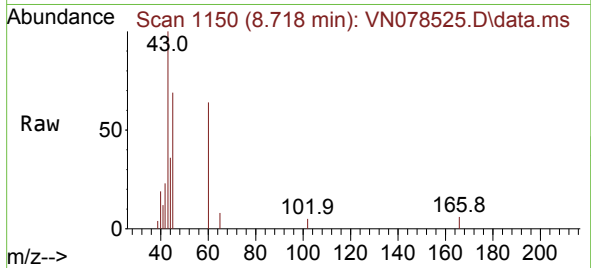




#43
Isopropyl Acetate
Concen: 0.605 ug/l
RT: 8.718 min Scan# 1146
Delta R.T. 0.024 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

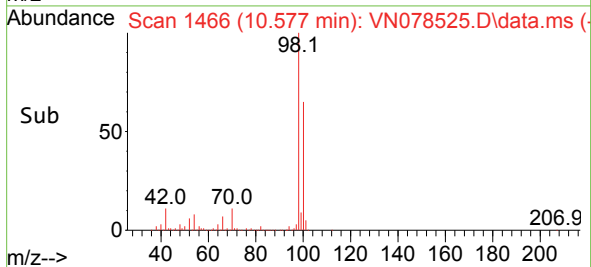
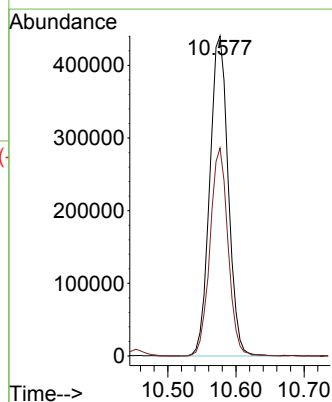
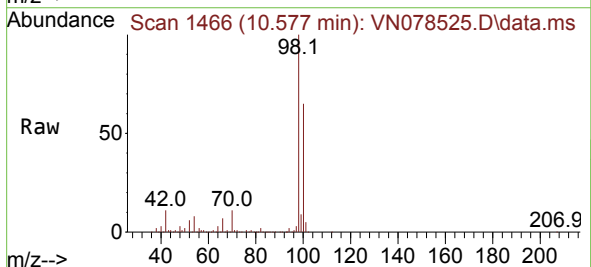
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

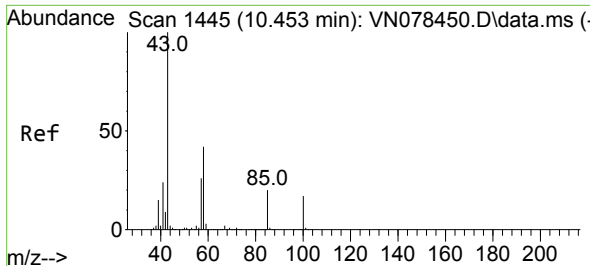
Tgt Ion: 43 Resp: 5788
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 45.561 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 98 Resp: 830757
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0

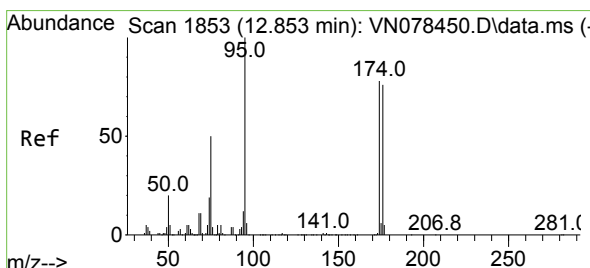
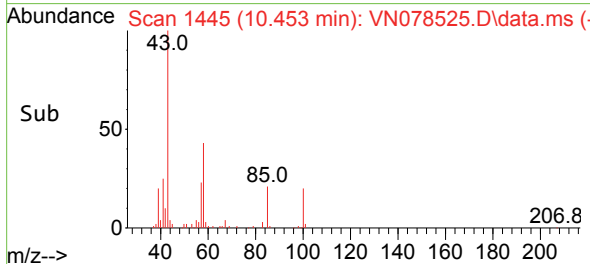
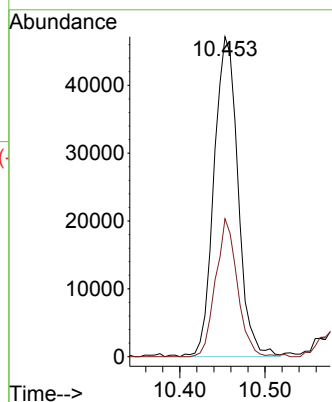
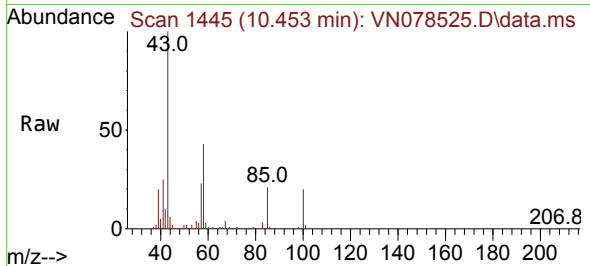




#51
4-Methyl-2-Pentanone
Concen: 16.203 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

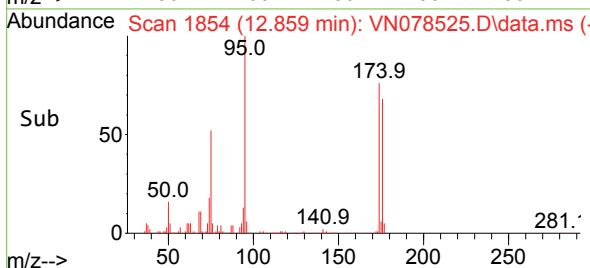
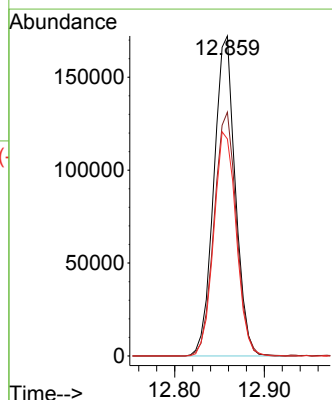
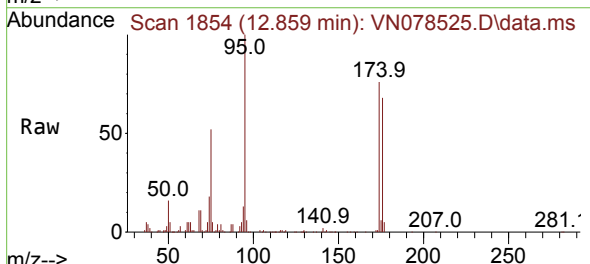
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

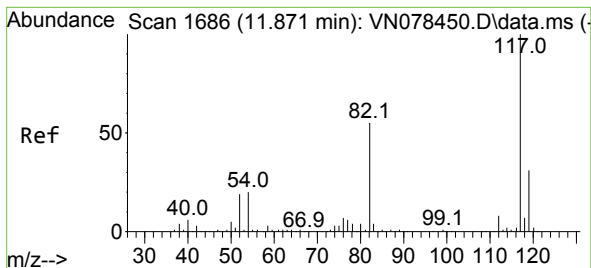
Tgt Ion: 43 Resp: 92183
Ion Ratio Lower Upper
43 100
58 39.1 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 50.889 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 95 Resp: 285815
Ion Ratio Lower Upper
95 100
174 79.6 0.0 143.8
176 73.4 0.0 135.8

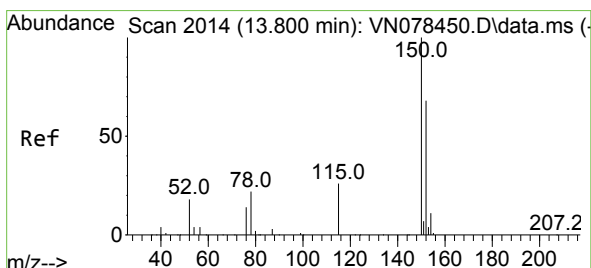
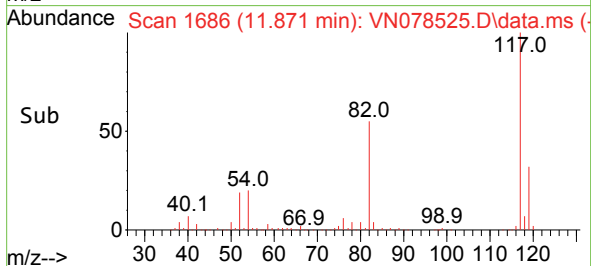
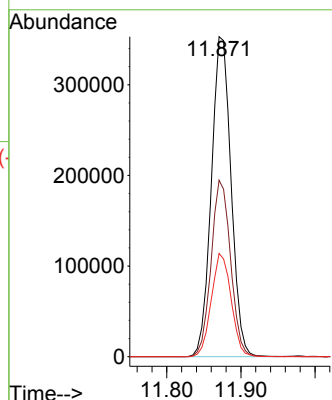
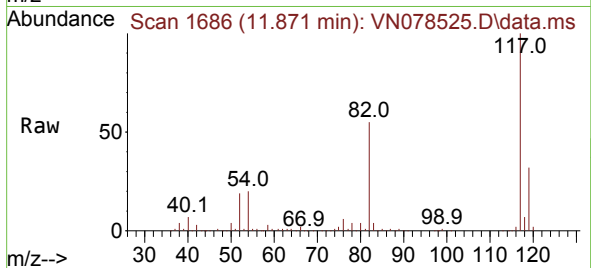




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

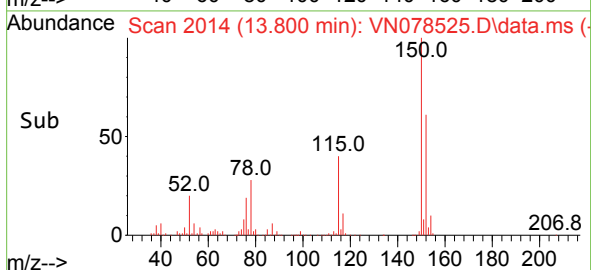
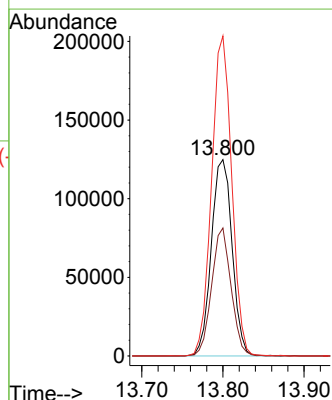
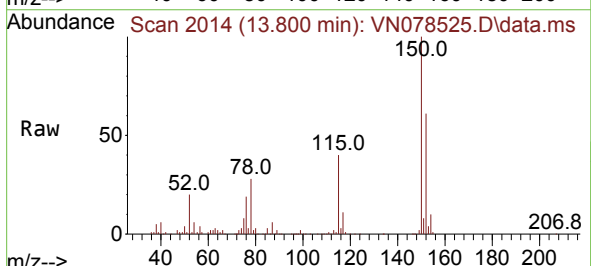
Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

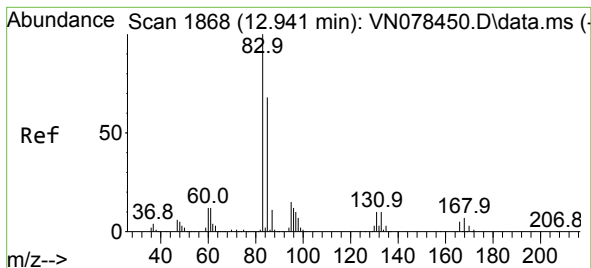
Tgt Ion:117 Resp: 652236
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion:152 Resp: 222298
Ion Ratio Lower Upper
152 100
115 60.9 32.3 96.8
150 157.5 0.0 355.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.965 min Scan# 1854

Delta R.T. 0.024 min

Lab File: VN078525.D

Acq: 14 Jul 2023 16:24

Instrument :

MSVOA_N

ClientSampleId :

RINSATE-BLANK

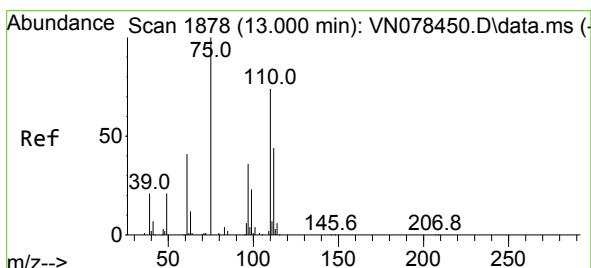
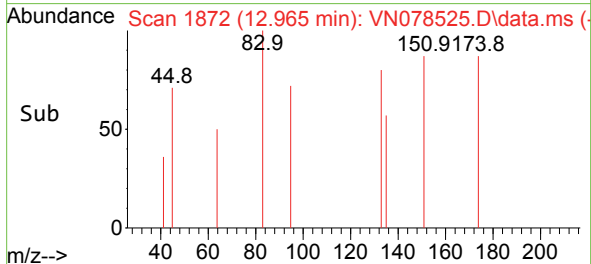
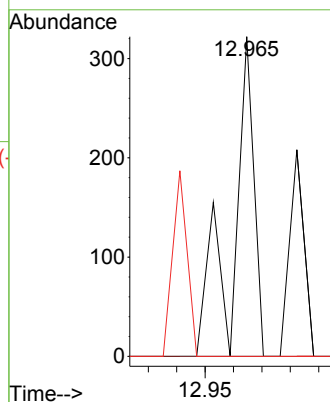
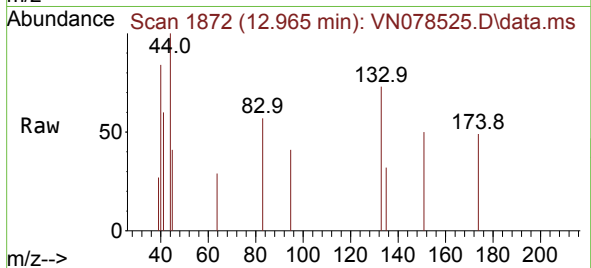
Tgt Ion: 83 Resp: 168

Ion Ratio Lower Upper

83 100

131 0.0 5.0 15.0#

85 0.0 31.9 95.7#



#76

1,2,3-Trichloropropane

Concen: 28.570 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. -0.141 min

Lab File: VN078525.D

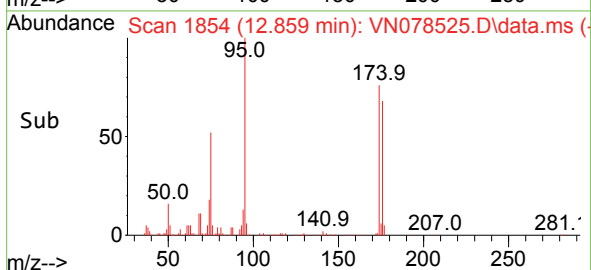
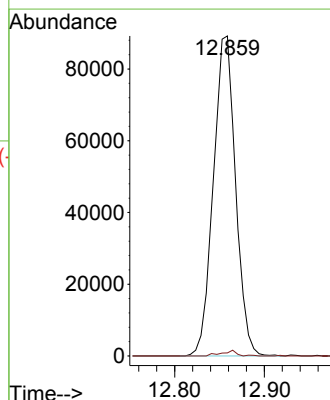
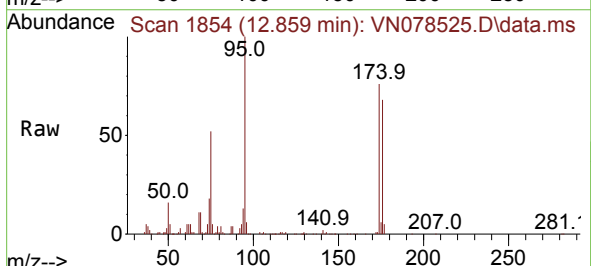
Acq: 14 Jul 2023 16:24

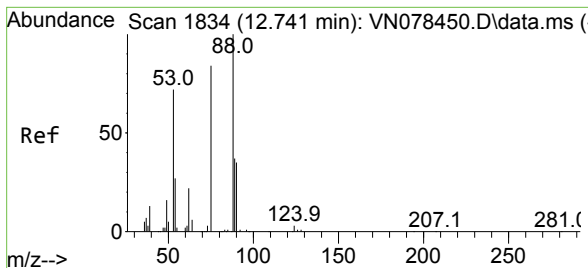
Tgt Ion: 75 Resp: 153511

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#

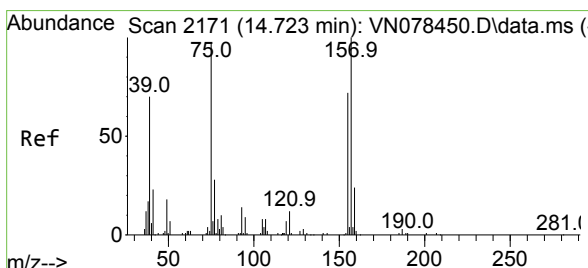
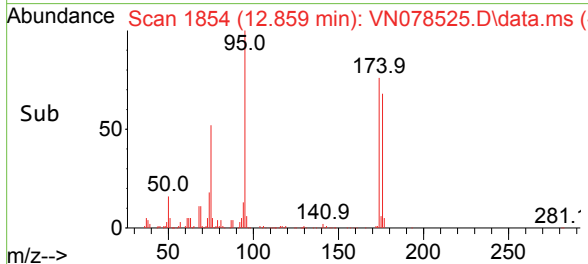
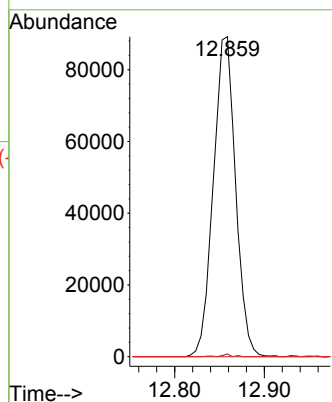
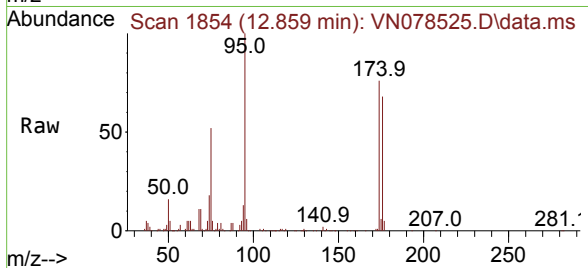




#81
trans-1,4-Dichloro-2-butene
Concen: 75.076 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Instrument :
MSVOA_N
ClientSampleId :
RINSATE-BLANK

Tgt Ion: 75 Resp: 153511
Ion Ratio Lower Upper
75 100
53 0.4 67.4 101.2#
89 0.0 38.8 58.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.694 min Scan# 2166
Delta R.T. -0.029 min
Lab File: VN078525.D
Acq: 14 Jul 2023 16:24

Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
155 0.0 39.1 117.2#
157 0.0 50.3 150.9#

