

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082423\
 Data File : VN079024.D
 Acq On : 24 Aug 2023 11:47
 Operator : JC\MD
 Sample : VN0824MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 25 01:10:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	182907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	306450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	143201	50.313	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.620%	
35) Dibromofluoromethane	8.171	113	120500	51.635	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.280%	
50) Toluene-d8	10.571	98	413059	47.669	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 95.340%	
62) 4-Bromofluorobenzene	12.853	95	120710	42.619	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 85.240%	

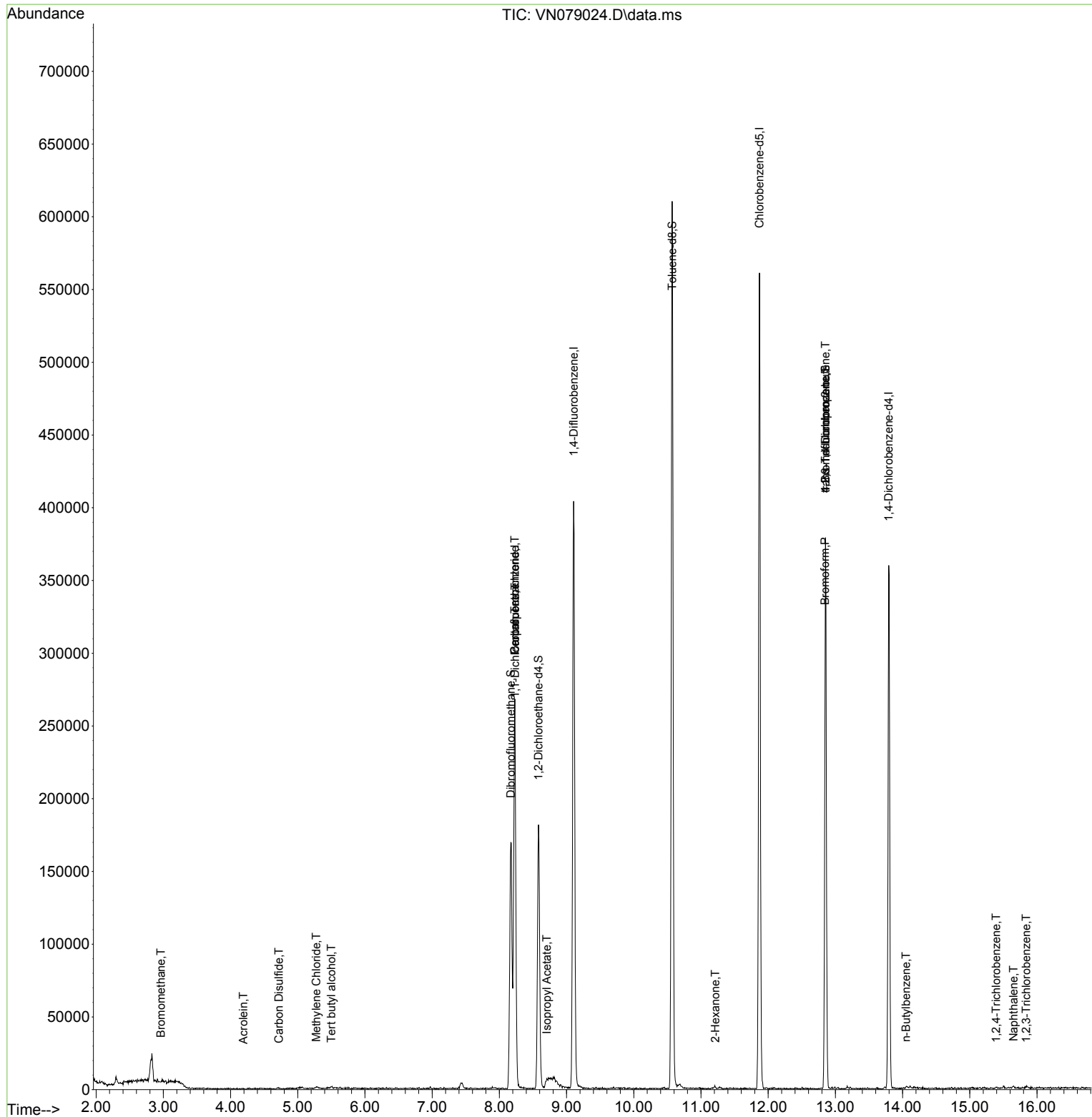
Target Compounds			Qvalue			
5) Bromomethane	2.965	94	496	0.278	ug/l #	42
11) Tert butyl alcohol	5.500	59	617	1.292	ug/l #	72
13) Acrolein	4.189	56	69	7.066	ug/l #	16
17) Carbon Disulfide	4.718	76	1130	0.206	ug/l #	75
20) Methylene Chloride	5.277	84	995	0.398	ug/l #	62
31) Cyclohexane	8.224	56	5612	Below Cal	#	45
36) 1,1-Dichloropropene	8.235	75	16311	4.646	ug/l #	47
38) Carbon Tetrachloride	8.229	117	21107	6.001	ug/l #	18
43) Isopropyl Acetate	8.706	43	5234	0.754	ug/l #	52
59) 2-Hexanone	11.212	43	1243	0.417	ug/l	76
71) Bromoform	12.847	173	1387	0.774	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	67113	30.224	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	67113	77.210	ug/l #	15
89) n-Butylbenzene	14.053	91	931	0.201	ug/l #	69
93) 1,2,4-Trichlorobenzene	15.394	180	233	0.208	ug/l #	33
95) Naphthalene	15.653	128	1988	3.019	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.841	180	613	0.500	ug/l	75

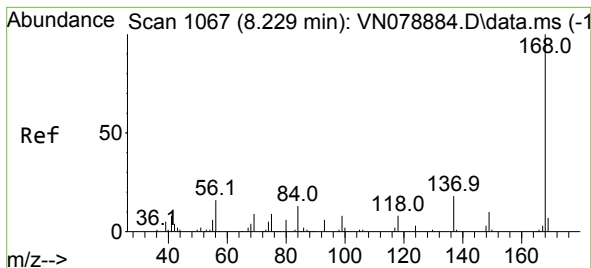
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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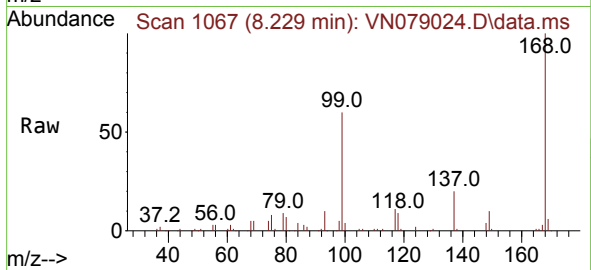
Quant Time: Aug 25 01:10:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 16 02:42:02 2023
Response via : Initial Calibration



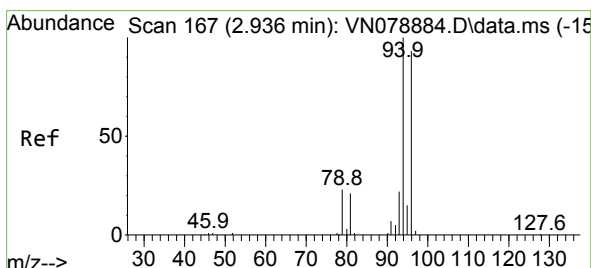
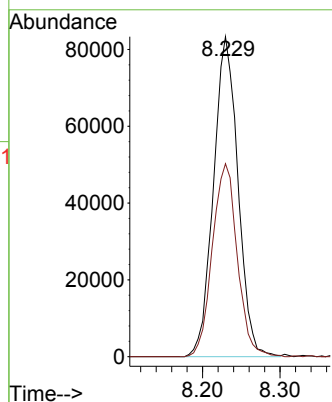
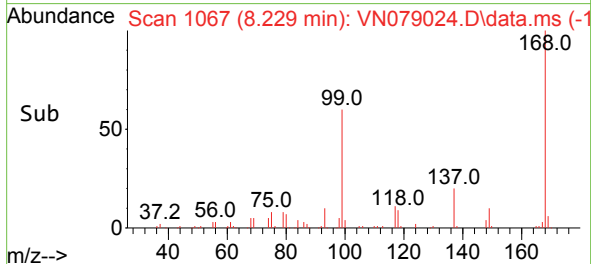


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

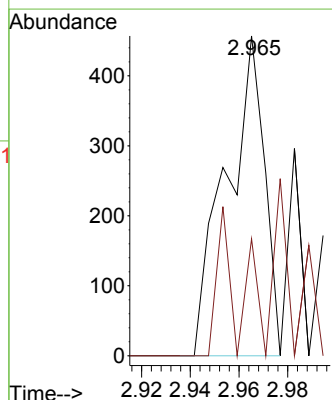
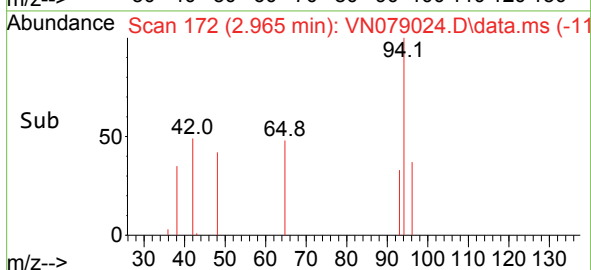
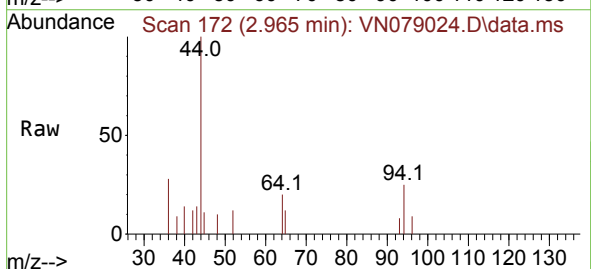


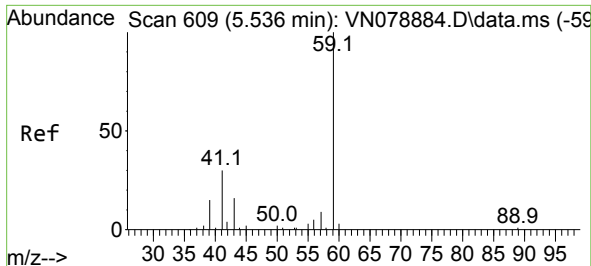
Tgt Ion:168 Resp: 182907
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#5
Bromomethane
Concen: 0.278 ug/l
RT: 2.965 min Scan# 172
Delta R.T. 0.017 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

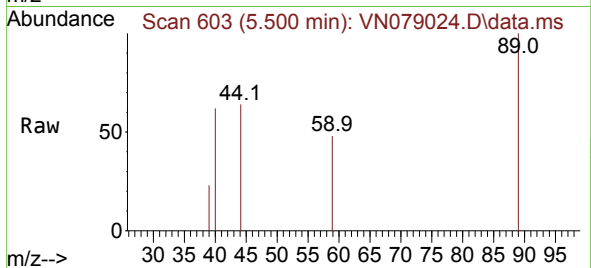
Tgt Ion: 94 Resp: 496
Ion Ratio Lower Upper
94 100
96 36.5 73.1 109.7#



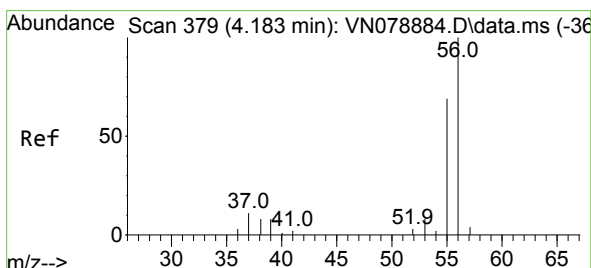
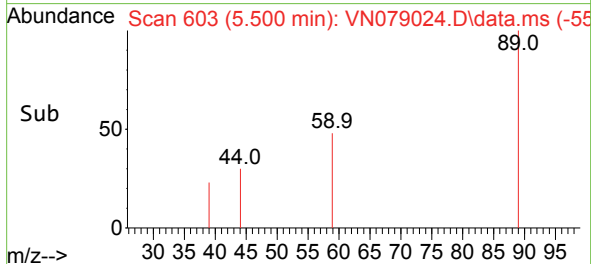
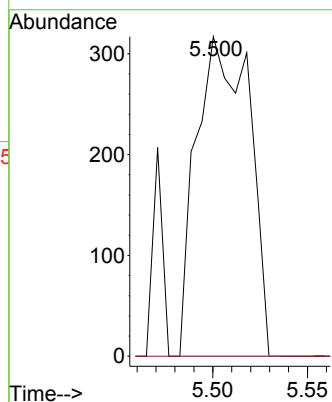


#11
Tert butyl alcohol
Concen: 1.292 ug/l
RT: 5.500 min Scan# 609
Delta R.T. -0.042 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

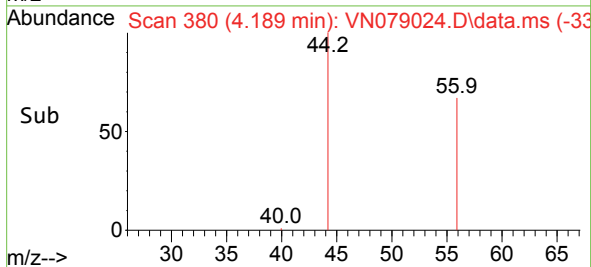
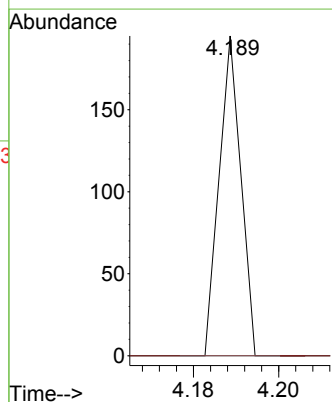
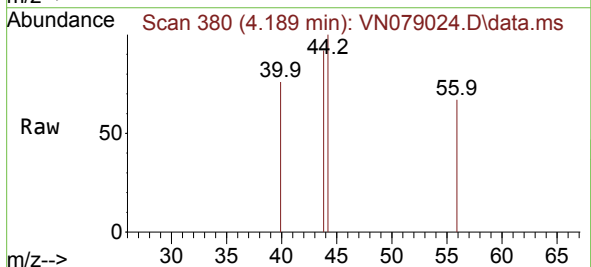


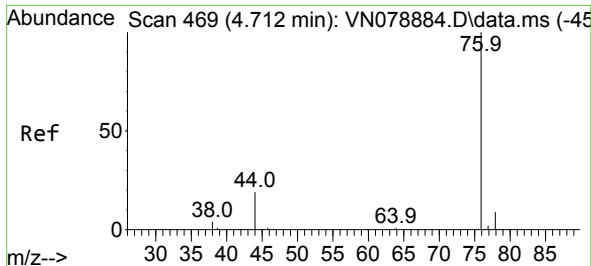
Tgt Ion: 59 Resp: 617
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 7.066 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.006 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

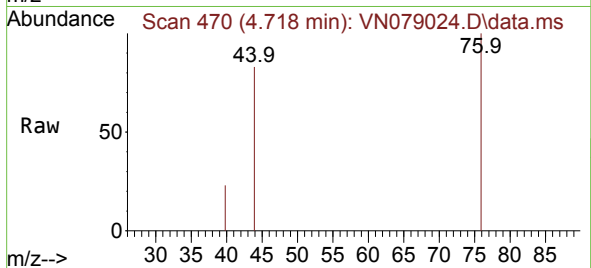
Tgt Ion: 56 Resp: 69
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



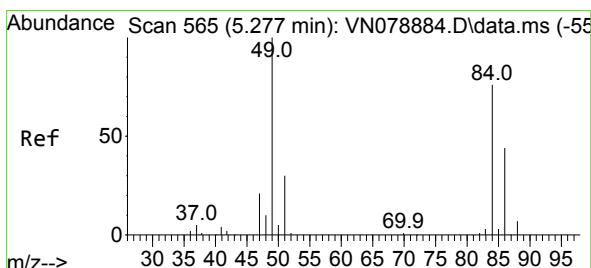
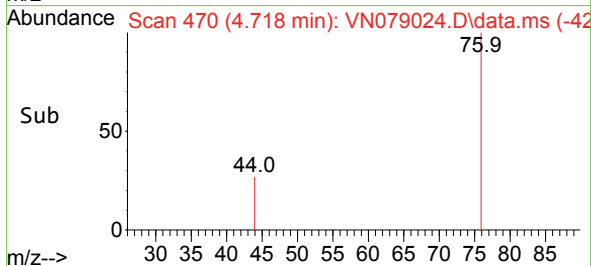
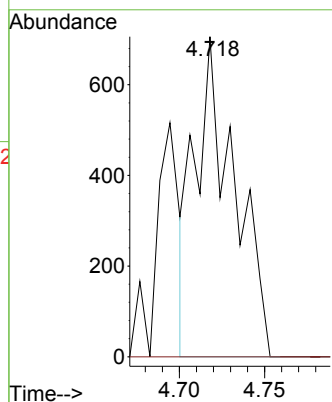


#17
Carbon Disulfide
Concen: 0.206 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

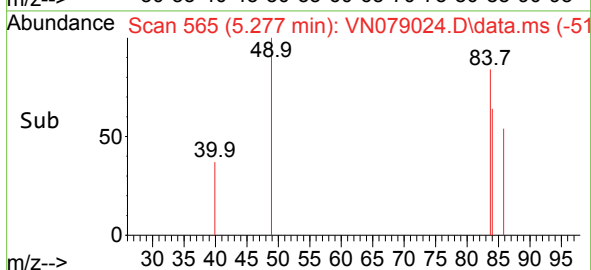
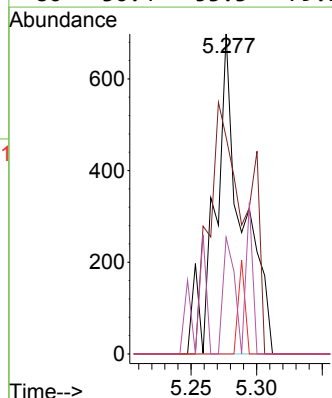
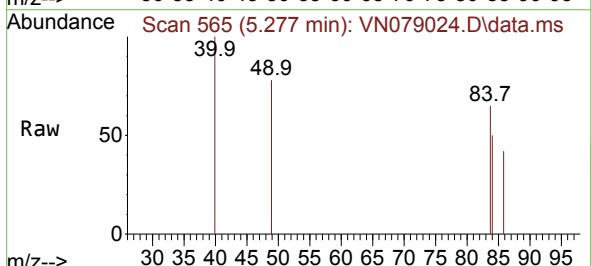


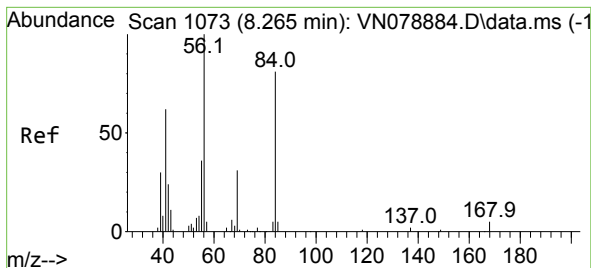
Tgt Ion: 76 Resp: 1130
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: 0.398 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 84 Resp: 995
Ion Ratio Lower Upper
84 100
49 67.8 79.7 119.5#
51 0.0 25.2 37.8#
86 36.4 53.3 79.9#





#31

Cyclohexane

Concen: Below Cal

RT: 8.224 min Scan# 1066

Delta R.T. -0.041 min

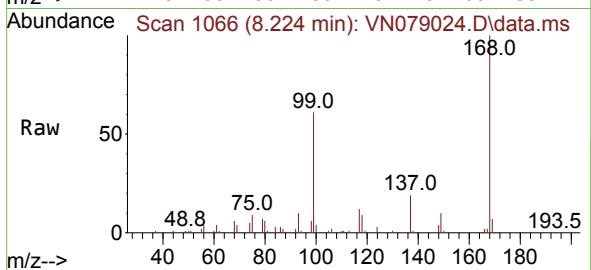
Lab File: VN079024.D

Acq: 24 Aug 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :



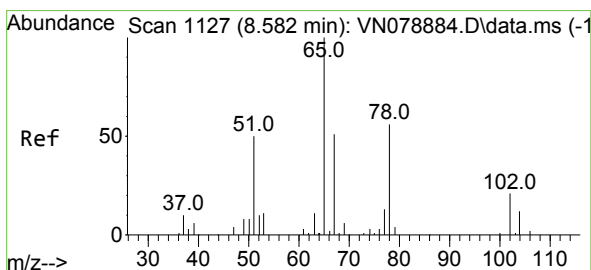
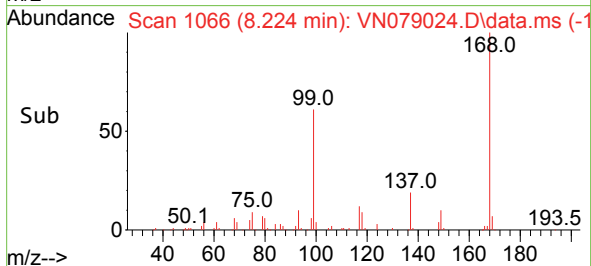
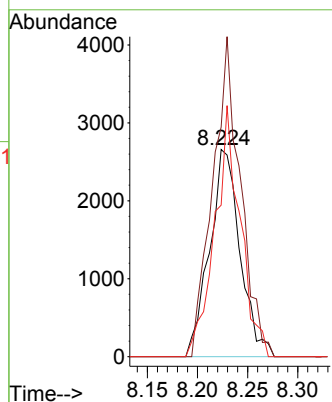
Tgt Ion: 56 Resp: 5612

Ion Ratio Lower Upper

56 100

69 110.9 26.8 40.2#

84 73.1 81.8 122.6#



#33

1,2-Dichloroethane-d4

Concen: 50.313 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079024.D

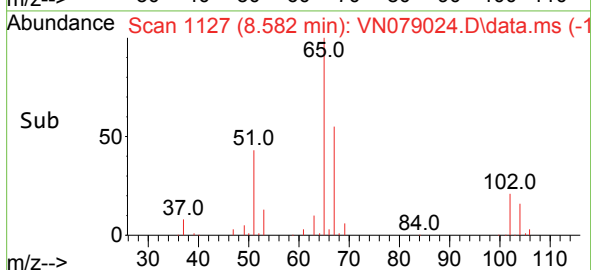
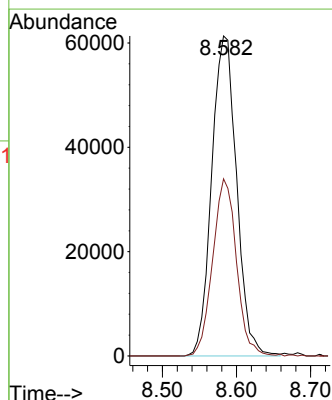
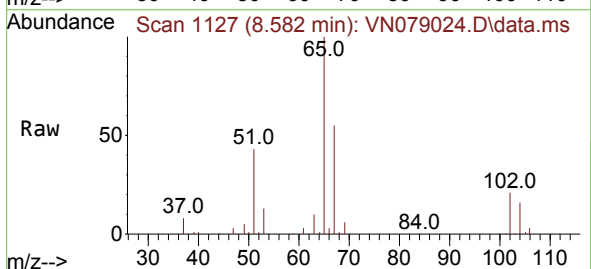
Acq: 24 Aug 2023 11:47

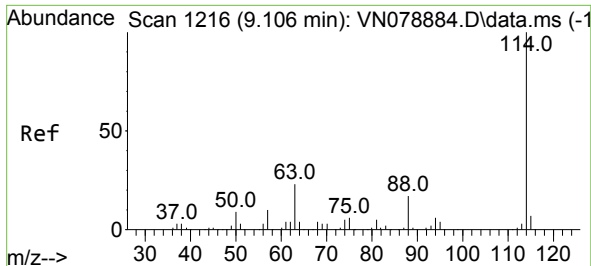
Tgt Ion: 65 Resp: 143201

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6

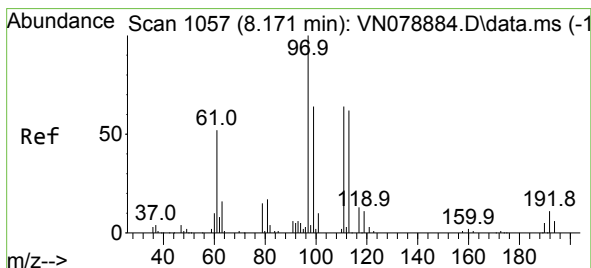
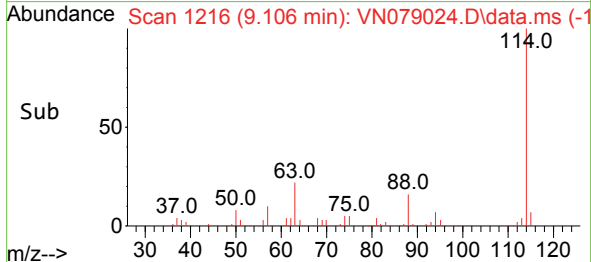
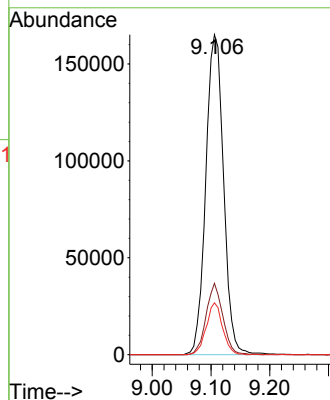
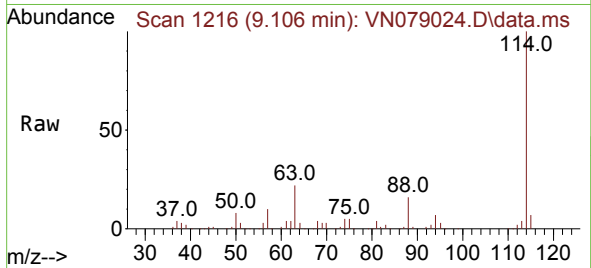




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

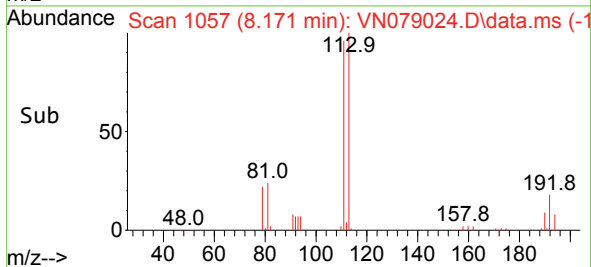
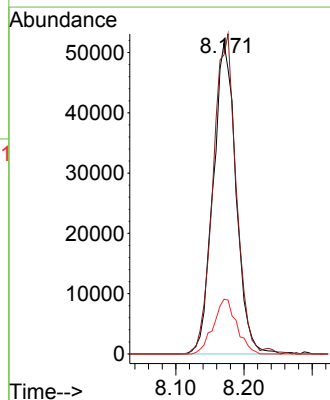
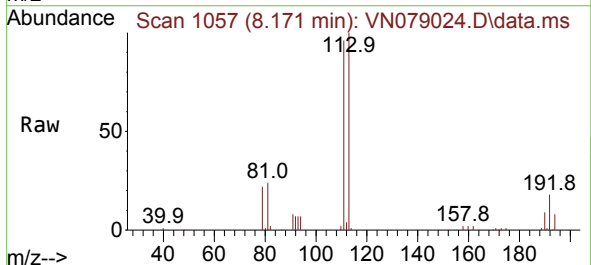
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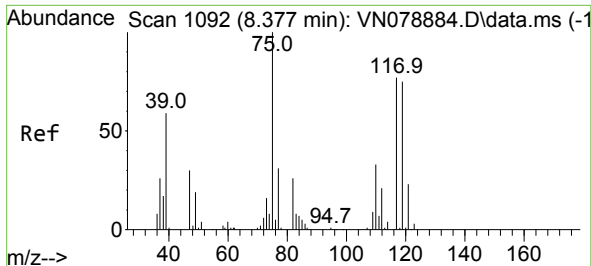
Tgt Ion:114 Resp: 346682
Ion Ratio Lower Upper
114 100
63 22.3 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.635 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

Tgt Ion:113 Resp: 120500
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 18.0 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.646 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

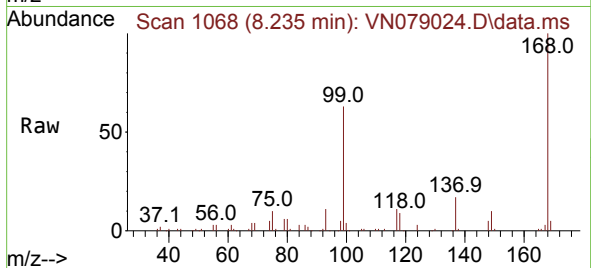
Lab File: VN079024.D

Acq: 24 Aug 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :



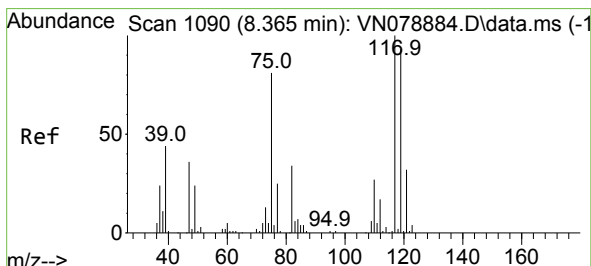
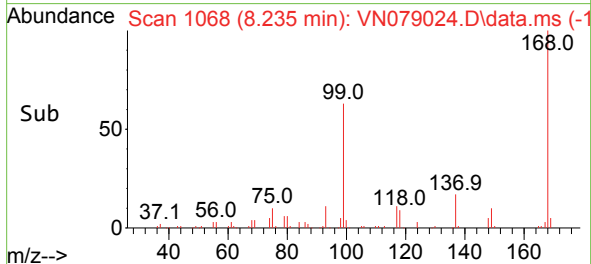
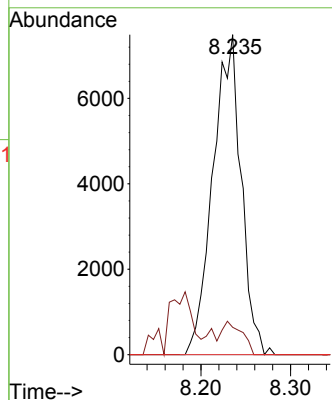
Tgt Ion: 75 Resp: 16311

Ion Ratio Lower Upper

75 100

110 7.4 19.1 57.3#

77 0.0 25.0 37.4#



#38

Carbon Tetrachloride

Concen: 6.001 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.142 min

Lab File: VN079024.D

Acq: 24 Aug 2023 11:47

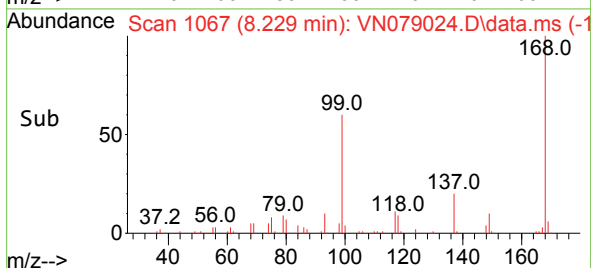
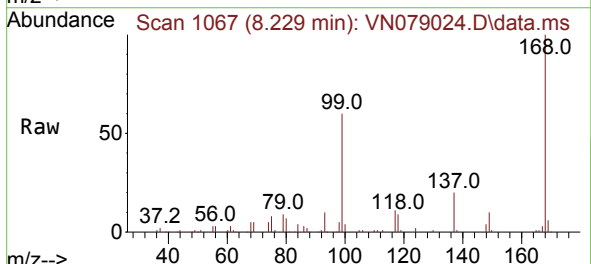
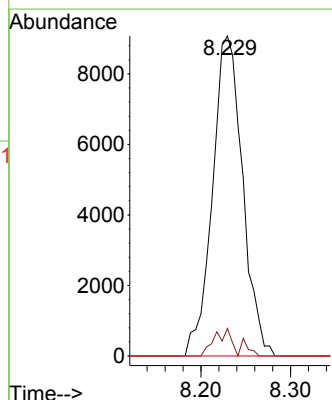
Tgt Ion: 117 Resp: 21107

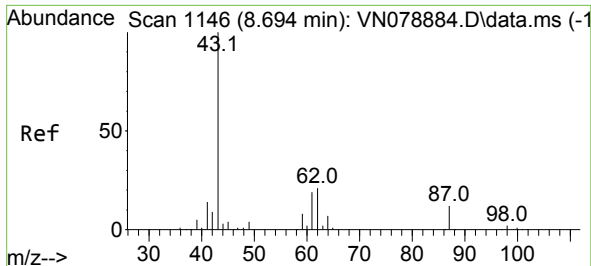
Ion Ratio Lower Upper

117 100

119 8.6 77.3 115.9#

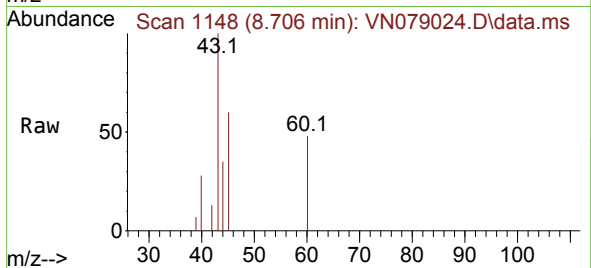
121 0.0 23.3 34.9#



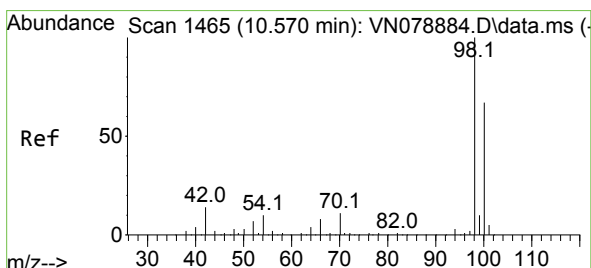
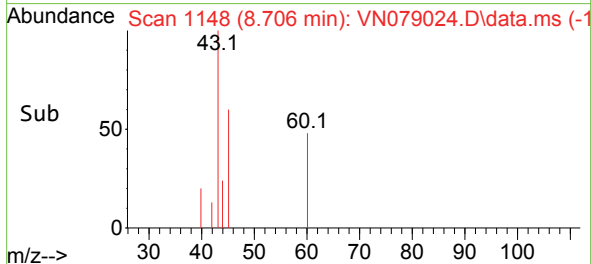
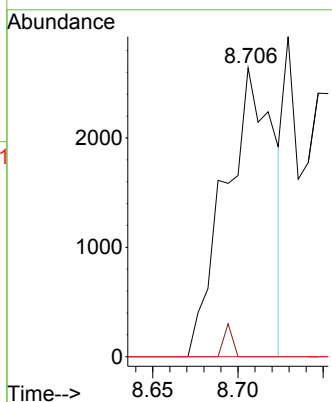


#43
Isopropyl Acetate
Concen: 0.754 ug/l
RT: 8.706 min Scan# 1146
Delta R.T. 0.012 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

Instrument :
MSVOA_N
ClientSampleId :

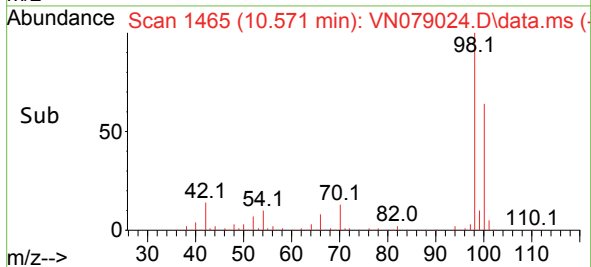
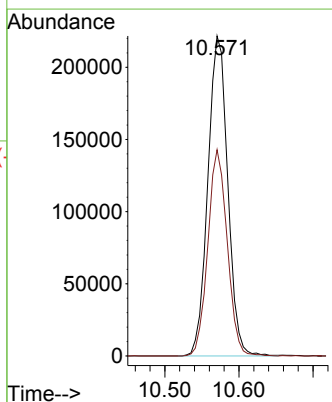
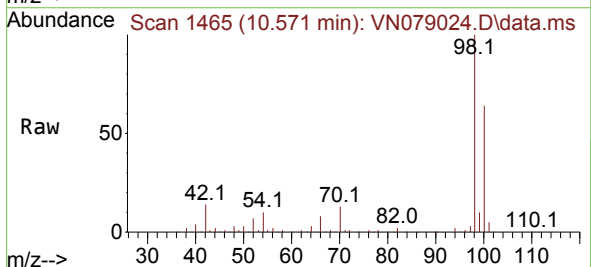


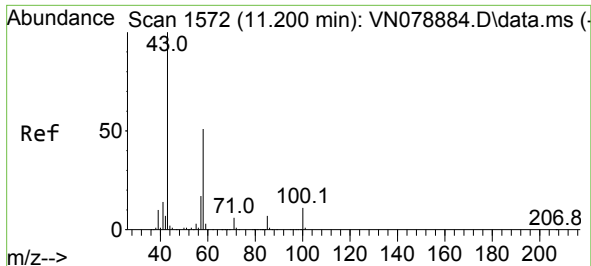
Tgt Ion: 43 Resp: 5234
Ion Ratio Lower Upper
43 100
61 2.0 24.7 37.1#
87 0.0 14.6 21.8#



#50
Toluene-d8
Concen: 47.669 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 98 Resp: 413059
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0

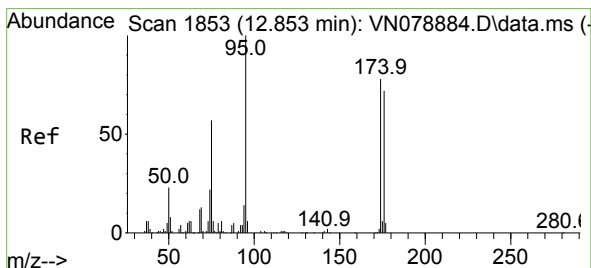
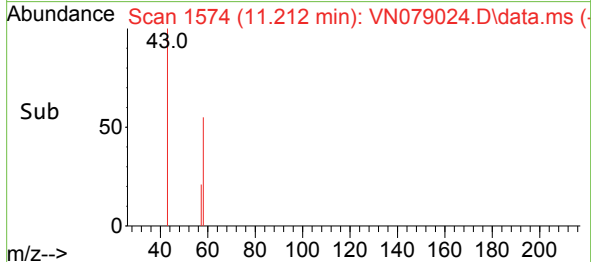
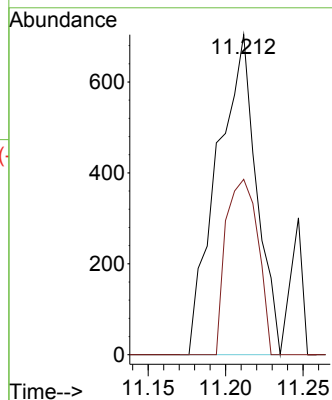
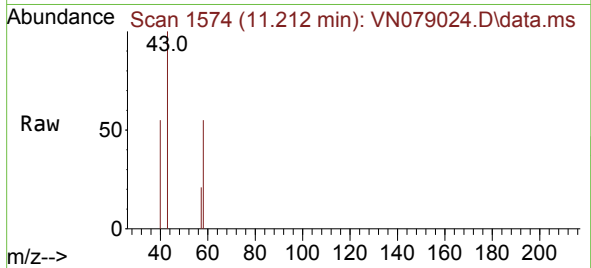




#59
2-Hexanone
Concen: 0.417 ug/l
RT: 11.212 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

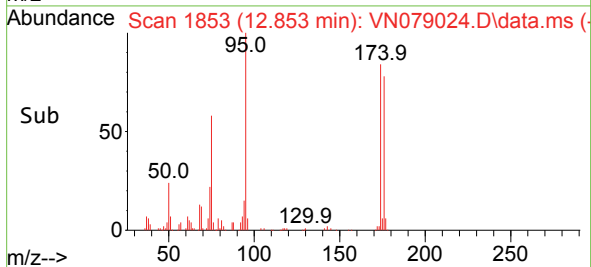
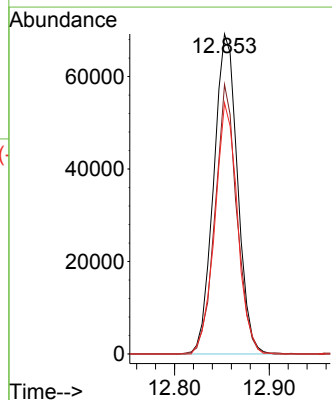
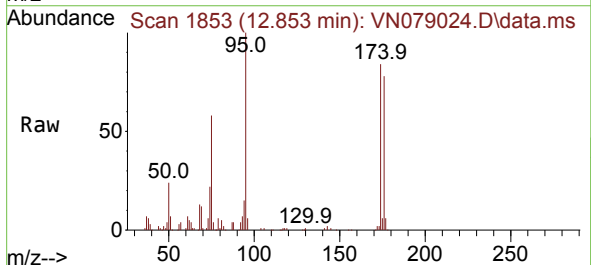
Instrument :
MSVOA_N
ClientSampleId :

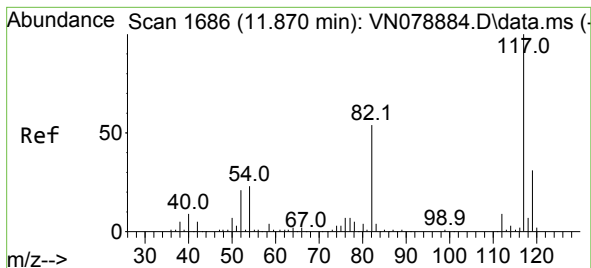
Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 44.6 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 42.619 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

Tgt Ion: 95 Resp: 120710
Ion Ratio Lower Upper
95 100
174 77.3 0.0 143.8
176 74.6 0.0 135.8

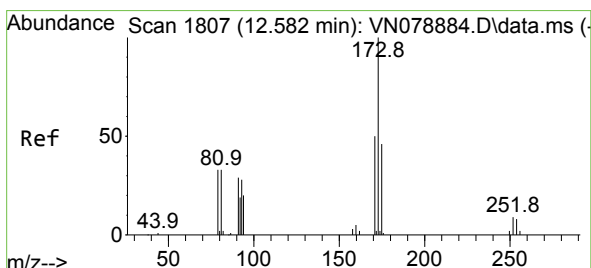
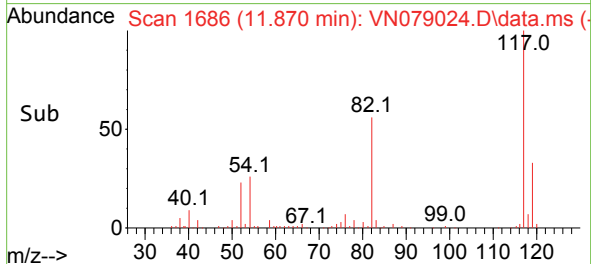
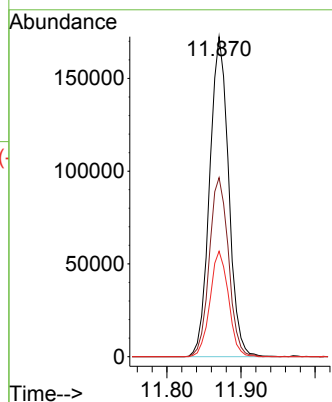
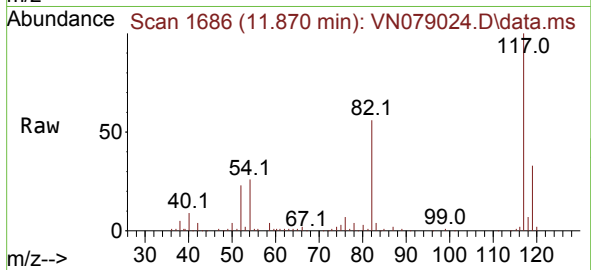




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

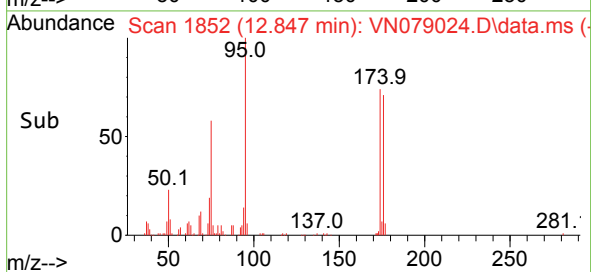
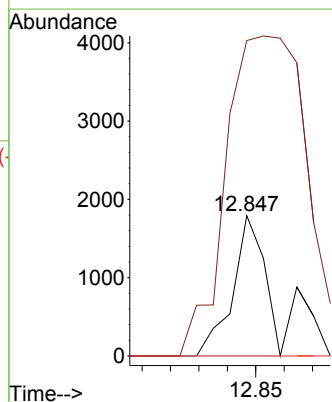
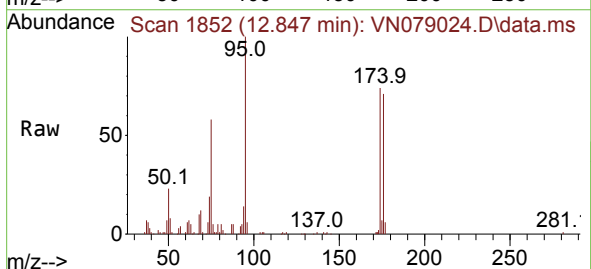
Instrument :
MSVOA_N
ClientSampleId :

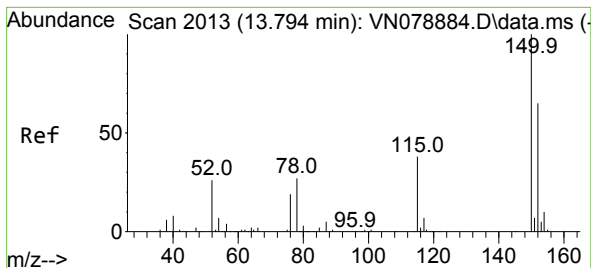
Tgt Ion:117 Resp: 306450
Ion Ratio Lower Upper
117 100
82 55.9 44.0 66.0
119 32.9 25.6 38.4



#71
Bromoform
Concen: 0.774 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

Tgt Ion:173 Resp: 1387
Ion Ratio Lower Upper
173 100
175 421.6 24.3 73.0#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN079024.D

Acq: 24 Aug 2023 11:47

Instrument :

MSVOA_N

ClientSampleId :

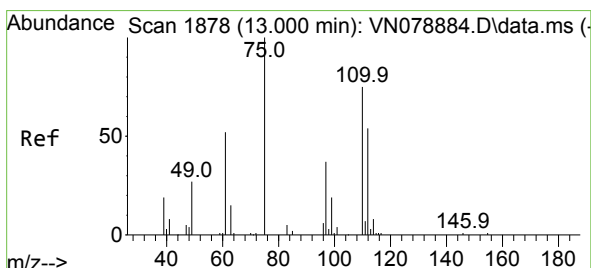
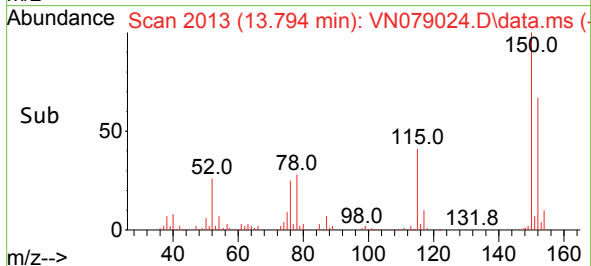
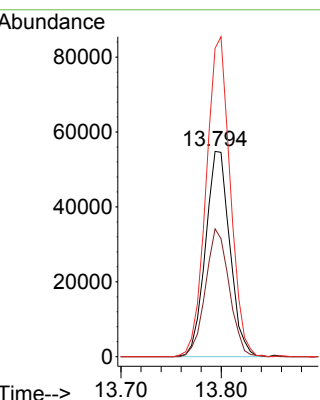
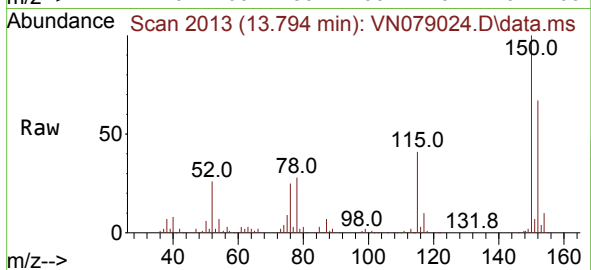
Tgt Ion:152 Resp: 92156

Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 154.0 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 30.224 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.147 min

Lab File: VN079024.D

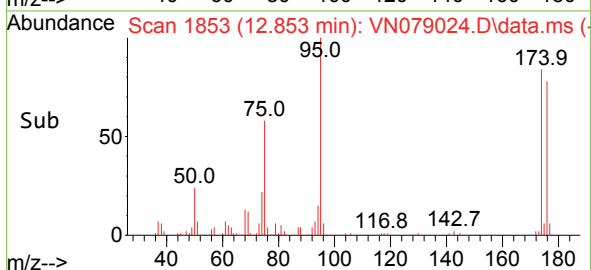
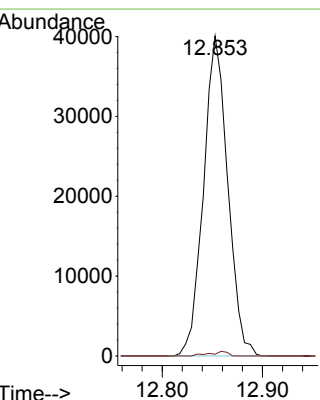
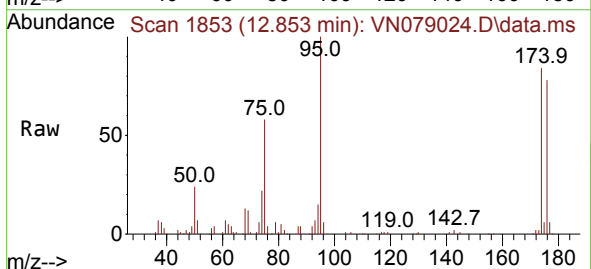
Acq: 24 Aug 2023 11:47

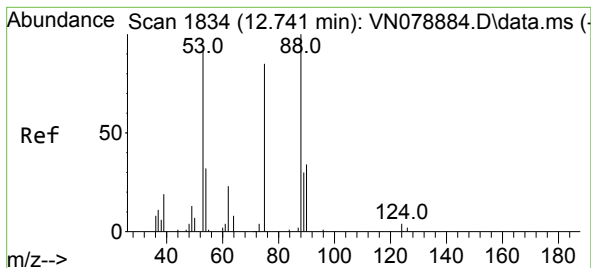
Tgt Ion: 75 Resp: 67113

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#

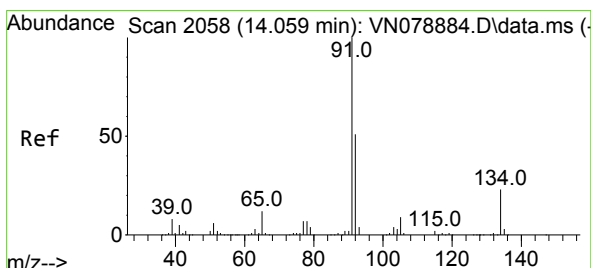
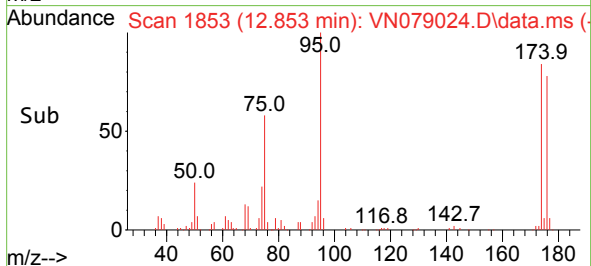
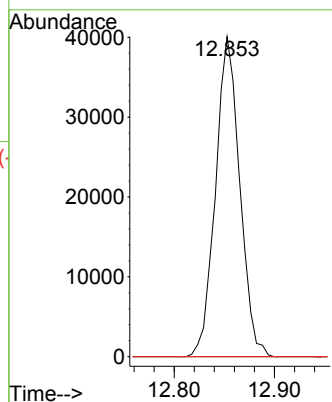
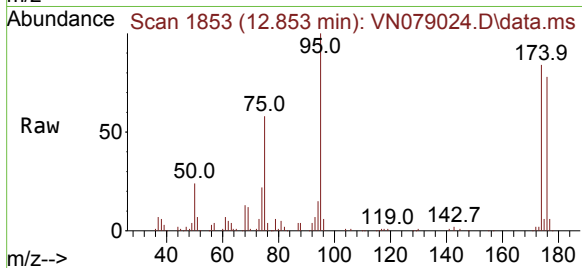




#81
trans-1,4-Dichloro-2-butene
Concen: 77.210 ug/l
RT: 12.853 min Scan# 1834
Delta R.T. 0.112 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

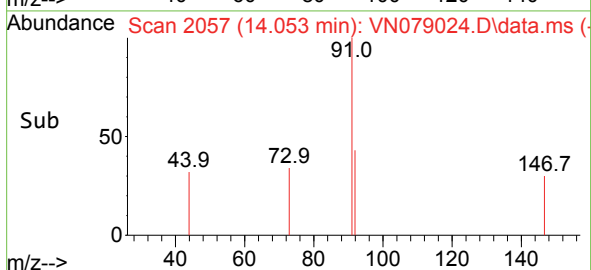
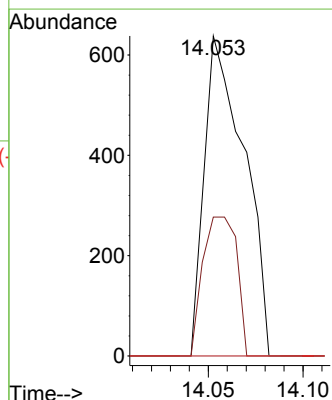
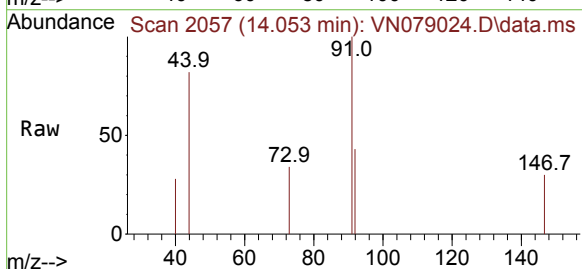
Instrument :
MSVOA_N
ClientSampleId :

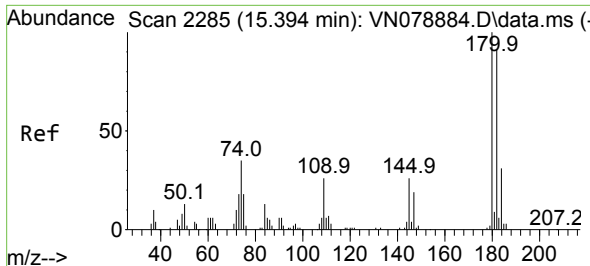
Tgt Ion: 75 Resp: 67113
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#89
n-Butylbenzene
Concen: 0.201 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

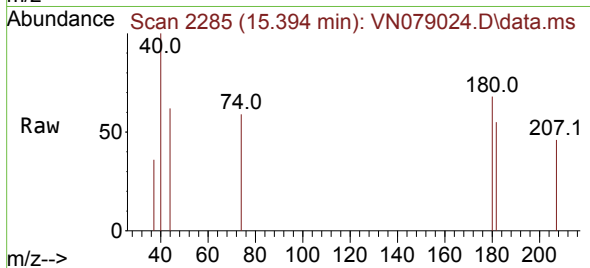
Tgt Ion: 91 Resp: 931
Ion Ratio Lower Upper
91 100
92 37.1 26.4 79.0
134 0.0 12.6 37.6#



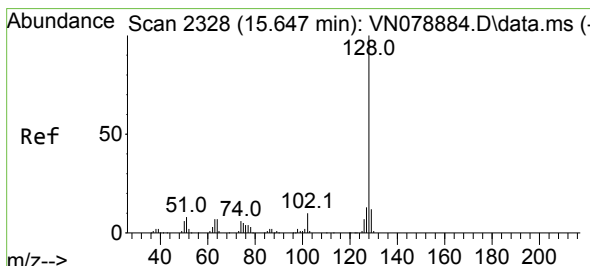
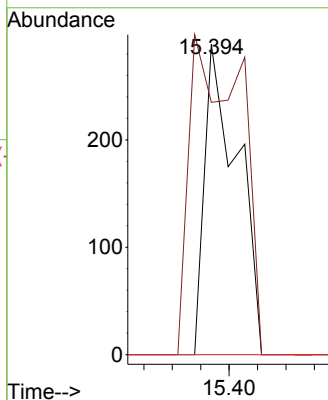
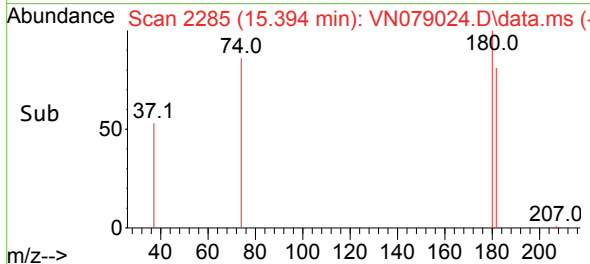


#93
1,2,4-Trichlorobenzene
Concen: 0.208 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47

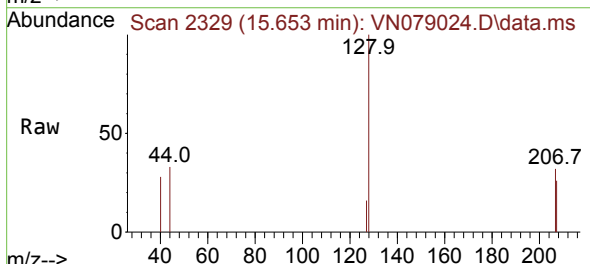
Instrument :
MSVOA_N
ClientSampleId :



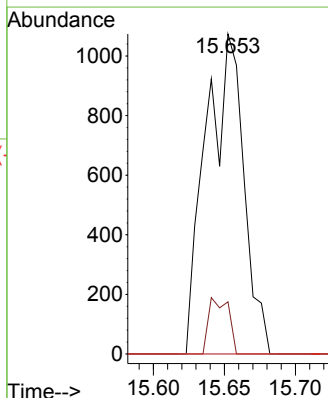
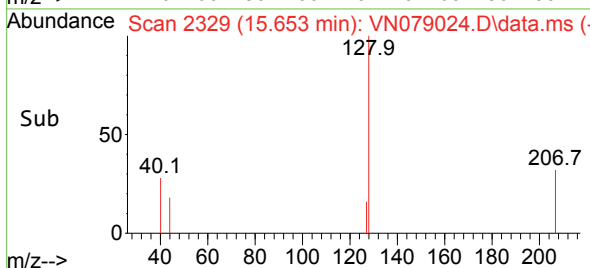
Tgt Ion:180 Resp: 233
Ion Ratio Lower Upper
180 100
182 158.4 46.1 138.2#
145 0.0 16.6 49.8#

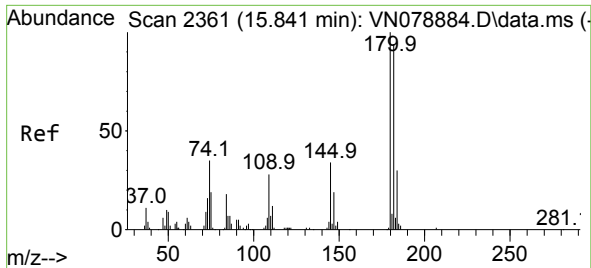


#95
Naphthalene
Concen: 3.019 ug/l
RT: 15.653 min Scan# 2329
Delta R.T. 0.006 min
Lab File: VN079024.D
Acq: 24 Aug 2023 11:47



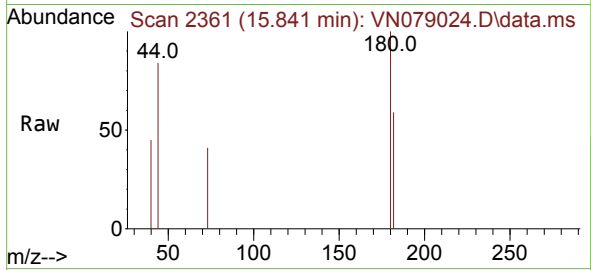
Tgt Ion:128 Resp: 1988
Ion Ratio Lower Upper
128 100
127 9.2 10.0 15.0#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.500 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN079024.D
 Acq: 24 Aug 2023 11:47

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	613
Ion	Ratio	Lower	Upper
180	100		
182	124.0	46.2	138.6
145	31.8	17.5	52.6

