

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076379.D
 Acq On : 24 Jan 2023 13:53
 Operator : JC\MD
 Sample : 01280-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 25 00:38:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

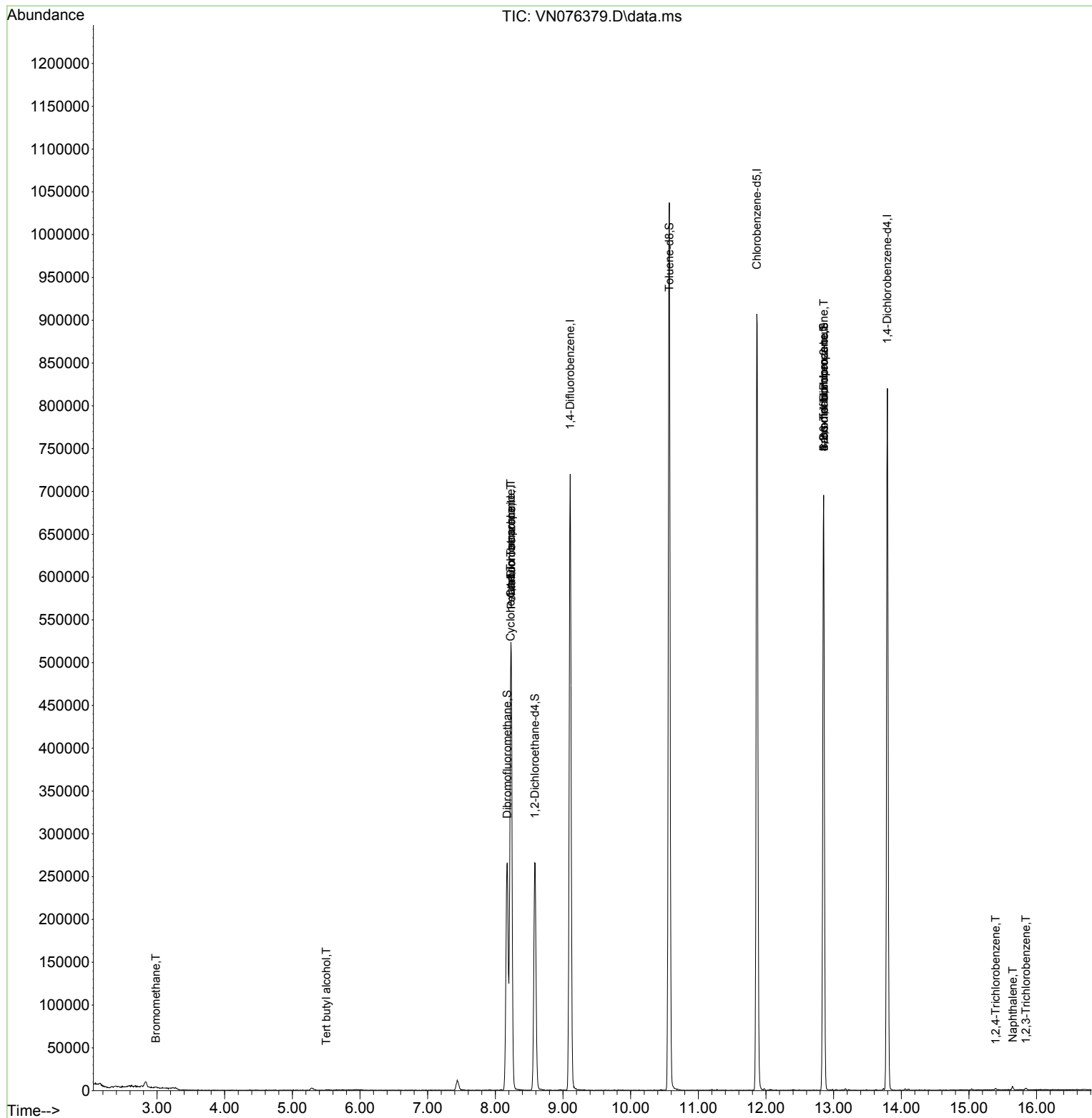
Internal Standards						
1) Pentafluorobenzene	8.236	168	399266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	639642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	550597	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222411	49.751	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.500%
35) Dibromofluoromethane	8.177	113	193894	48.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.920%
50) Toluene-d8	10.571	98	732469	49.568	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.853	95	231238	47.935	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.860%
Target Compounds						
					Qvalue	
5) Bromomethane	2.983	94	962	0.226	ug/l	98
11) Tert butyl alcohol	5.500	59	139	0.232	ug/l #	72
20) Methylene Chloride	5.289	84	2258	Below Cal	#	72
31) Cyclohexane	8.224	56	8235	1.199	ug/l #	31
36) 1,1-Dichloropropene	8.230	75	30561	5.375	ug/l #	50
38) Carbon Tetrachloride	8.230	117	40790	6.433	ug/l #	17
71) Bromoform	12.853	173	1629	0.521	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	123788	29.871	ug/l #	1
77) Bromobenzene	12.982	156	140	Below Cal	#	14
81) trans-1,4-Dichloro-2-b...	12.853	75	123788	91.697	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.394	180	817	1.507	ug/l	66
95) Naphthalene	15.647	128	4356	2.198	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	980	1.409	ug/l #	87

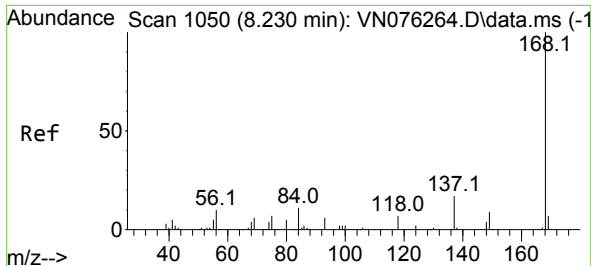
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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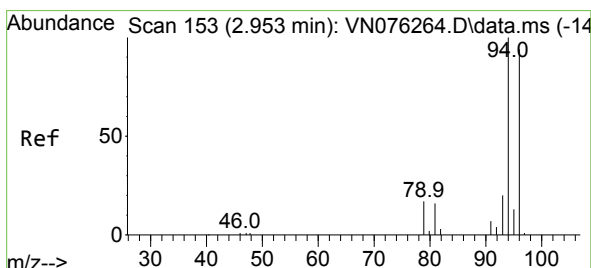
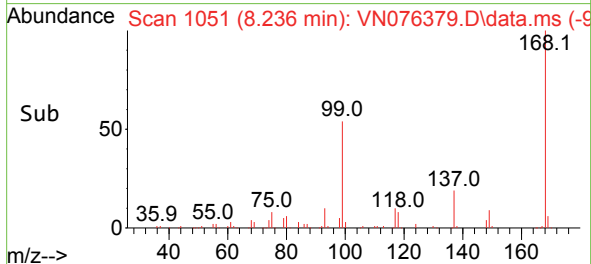
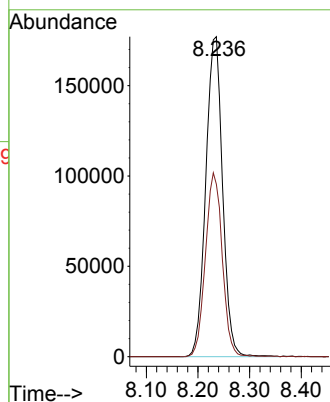
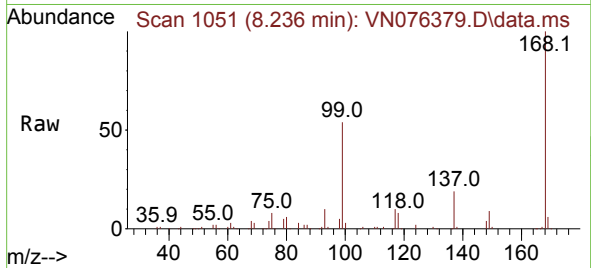




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

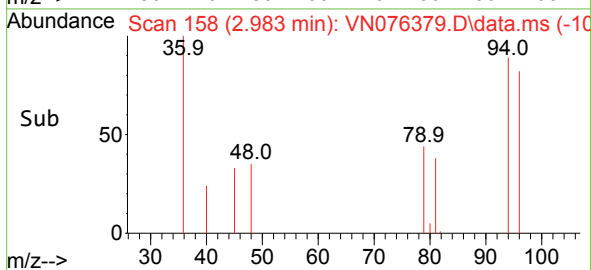
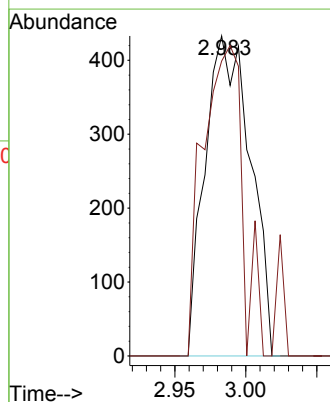
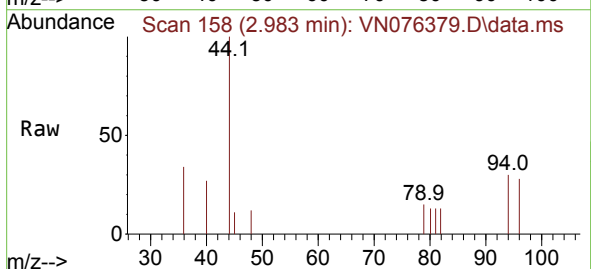
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

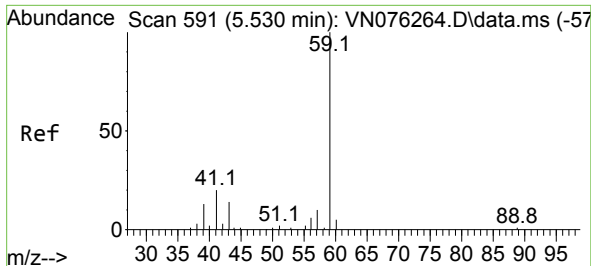
Tgt Ion:168 Resp: 399266
Ion Ratio Lower Upper
168 100
99 53.9 41.6 62.4



#5
Bromomethane
Concen: 0.226 ug/l
RT: 2.983 min Scan# 158
Delta R.T. 0.030 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

Tgt Ion: 94 Resp: 962
Ion Ratio Lower Upper
94 100
96 92.1 75.1 112.7





#11

Tert butyl alcohol

Concen: 0.232 ug/l

RT: 5.500 min Scan# 51

Delta R.T. -0.030 min

Lab File: VN076379.D

Acq: 24 Jan 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

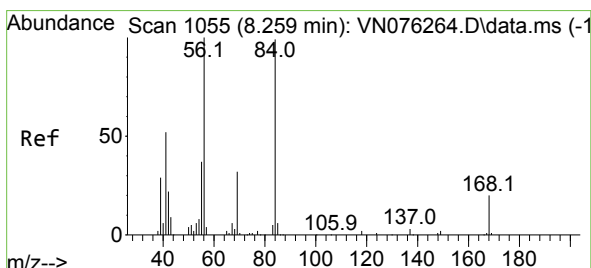
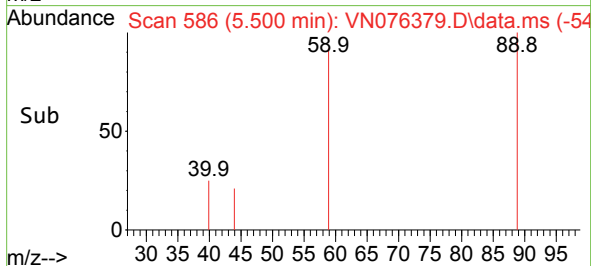
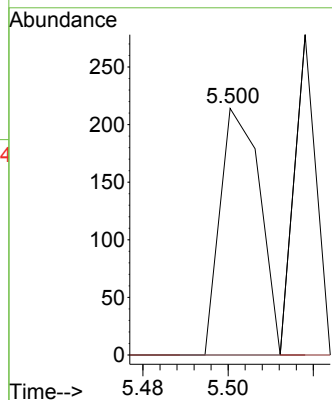
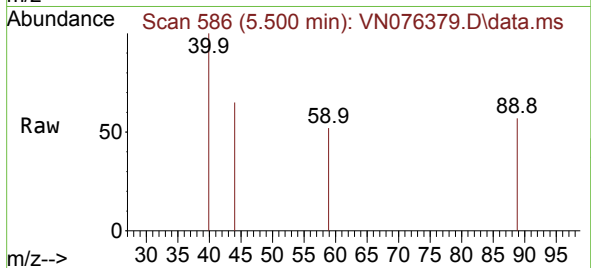
TRIP-BLANK

Tgt Ion: 59 Resp: 139

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#31

Cyclohexane

Concen: 1.199 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.035 min

Lab File: VN076379.D

Acq: 24 Jan 2023 13:53

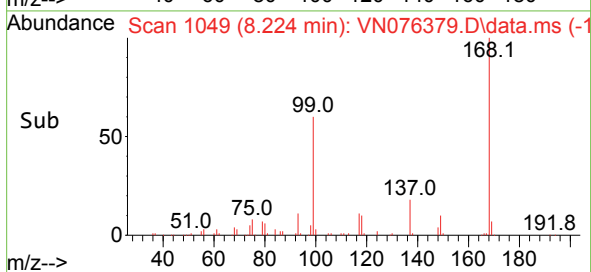
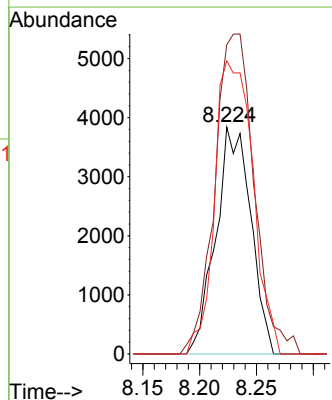
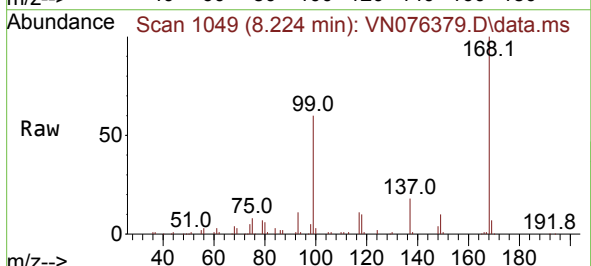
Tgt Ion: 56 Resp: 8235

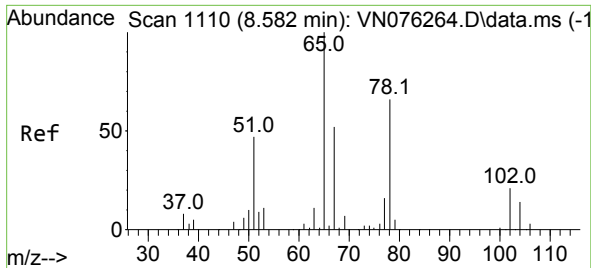
Ion Ratio Lower Upper

56 100

69 136.3 25.8 38.8#

84 129.2 79.0 118.4#

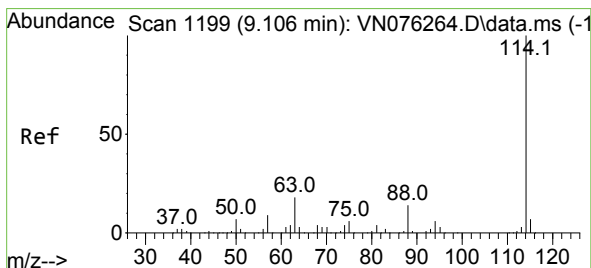
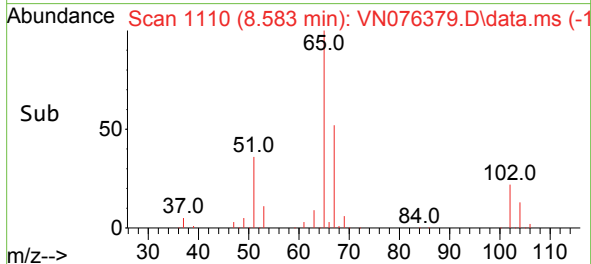
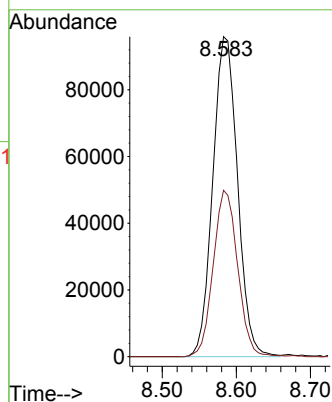
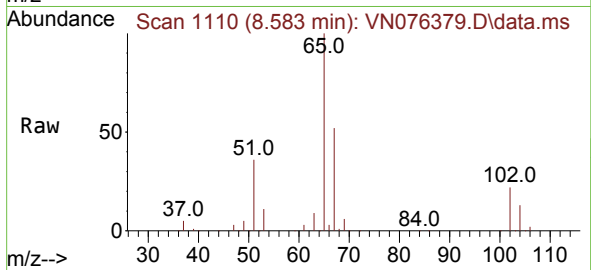




#33
 1,2-Dichloroethane-d4
 Concen: 49.751 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. 0.001 min
 Lab File: VN076379.D
 Acq: 24 Jan 2023 13:53

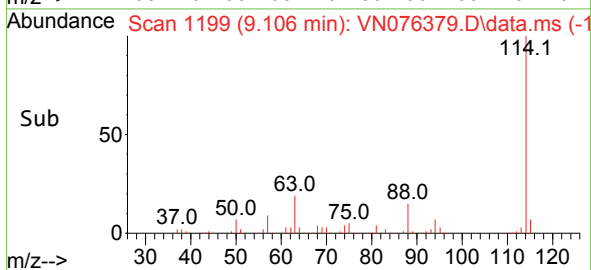
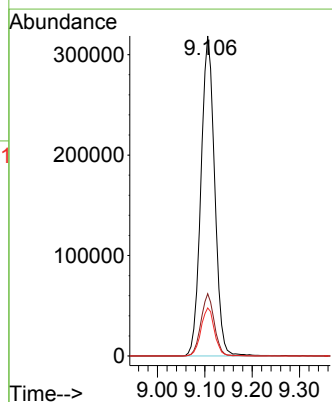
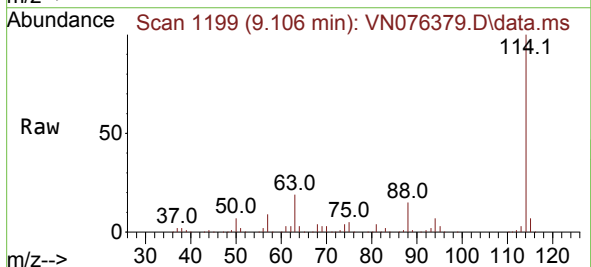
Instrument :
 MSVOA_N
 ClientSampleId :
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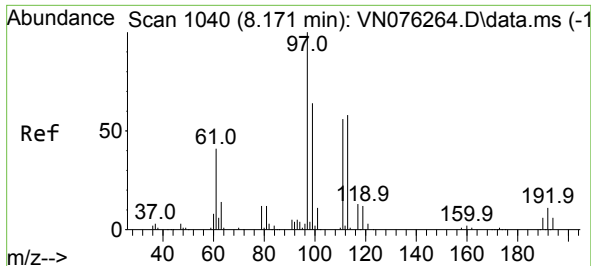
Tgt Ion: 65 Resp: 222411
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN076379.D
 Acq: 24 Jan 2023 13:53

Tgt Ion: 114 Resp: 639642
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 35.8
 88 15.0 0.0 28.0

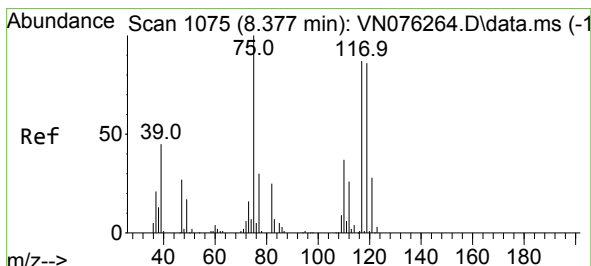
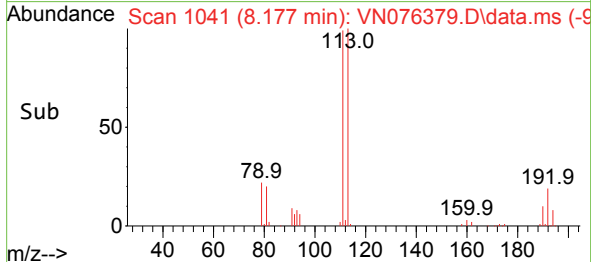
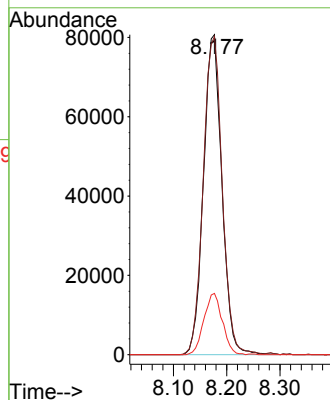
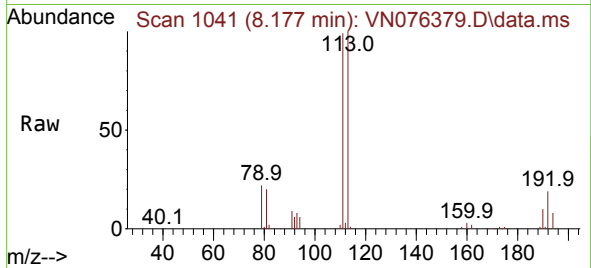




#35
Dibromofluoromethane
Concen: 48.459 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

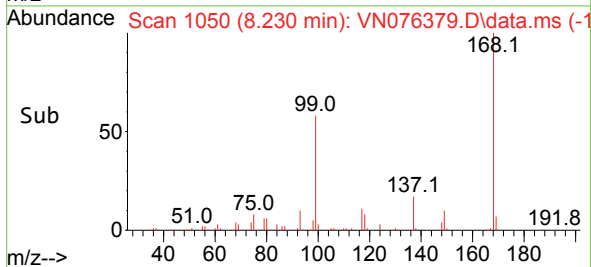
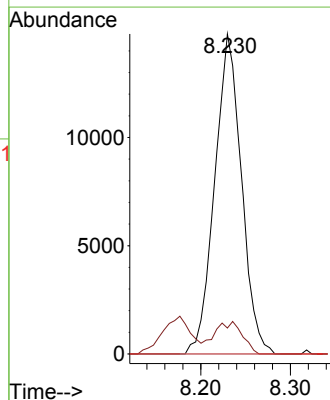
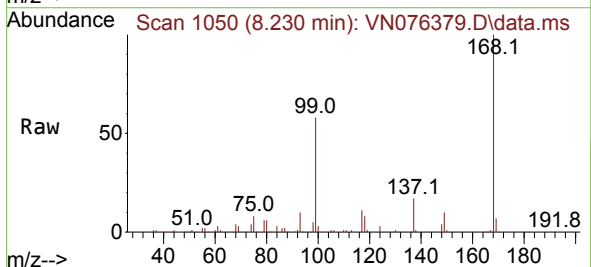
Instrument :
MSVOA_N
ClientSampleId :
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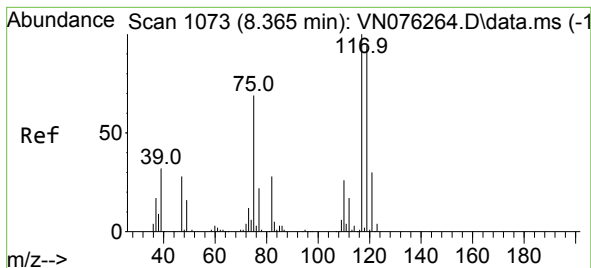
Tgt Ion: 113 Resp: 193894
Ion Ratio Lower Upper
113 100
111 102.6 82.7 124.1
192 19.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.375 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

Tgt Ion: 75 Resp: 30561
Ion Ratio Lower Upper
75 100
110 10.7 18.8 56.3#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.433 ug/l

RT: 8.230 min Scan# 1073

Delta R.T. -0.135 min

Lab File: VN076379.D

Acq: 24 Jan 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

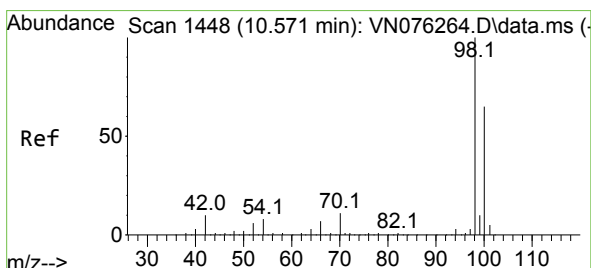
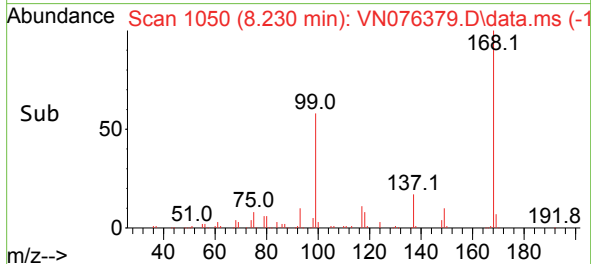
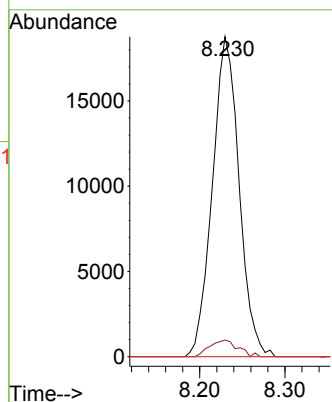
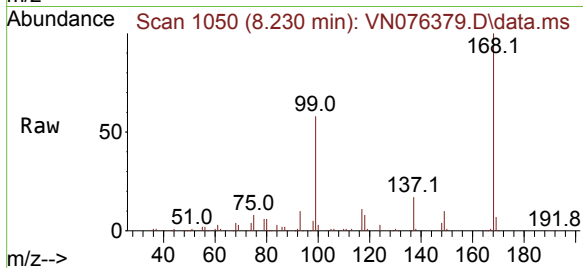
Tgt Ion:117 Resp: 40790

Ion Ratio Lower Upper

117 100

119 5.2 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.568 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076379.D

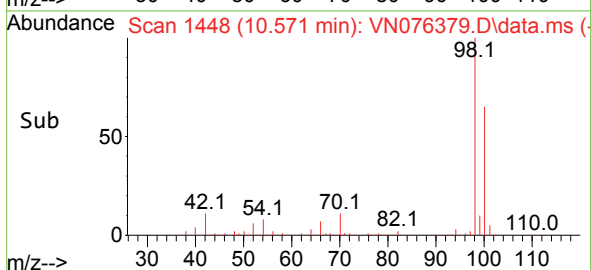
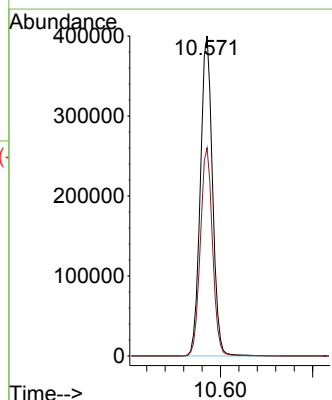
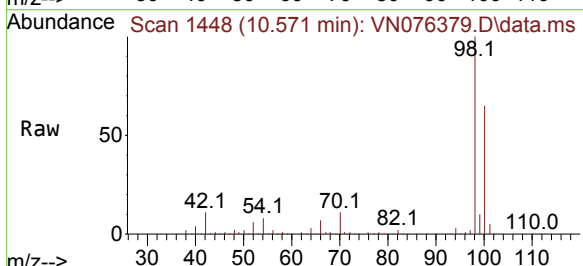
Acq: 24 Jan 2023 13:53

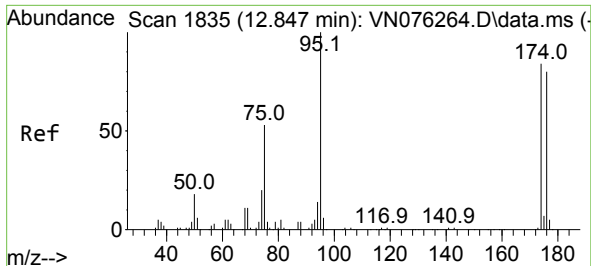
Tgt Ion: 98 Resp: 732469

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4

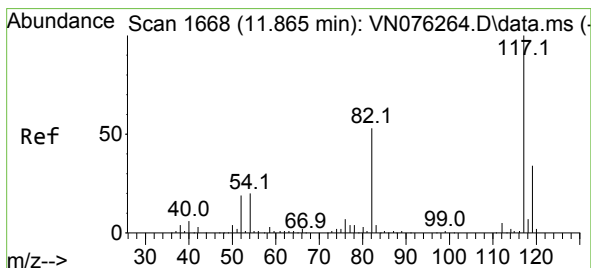
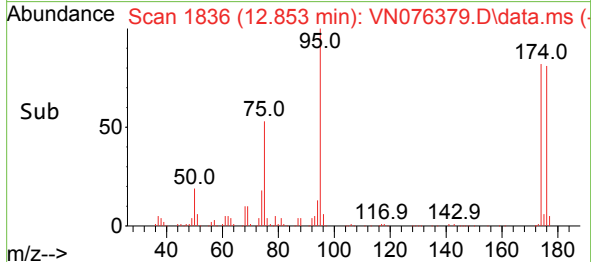
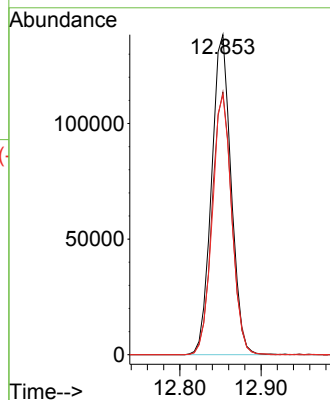
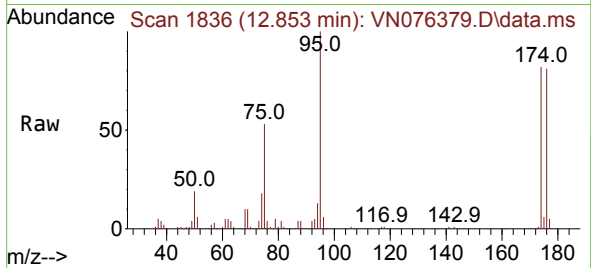




#62
4-Bromofluorobenzene
Concen: 47.935 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

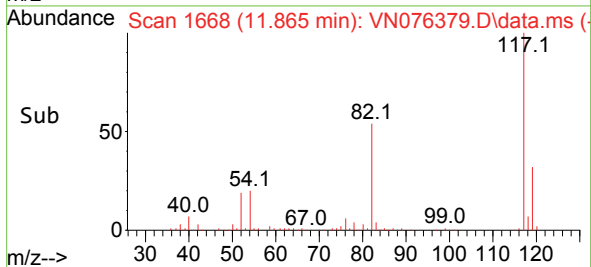
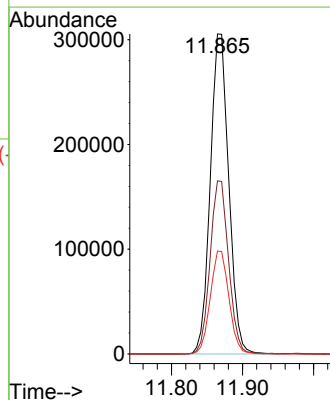
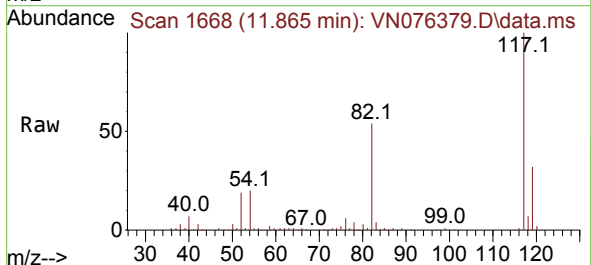
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MSVOA_N
ClientSampleId :
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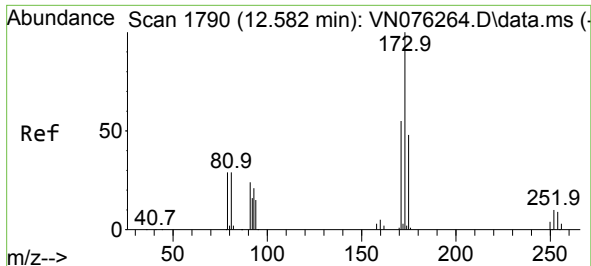
Tgt Ion: 95 Resp: 231238
Ion Ratio Lower Upper
95 100
174 82.3 0.0 174.6
176 80.7 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

Tgt Ion: 117 Resp: 550597
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.2
119 32.2 26.9 40.3

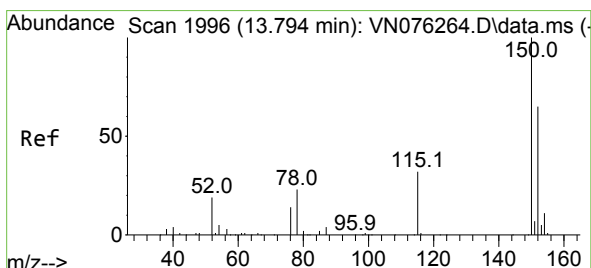
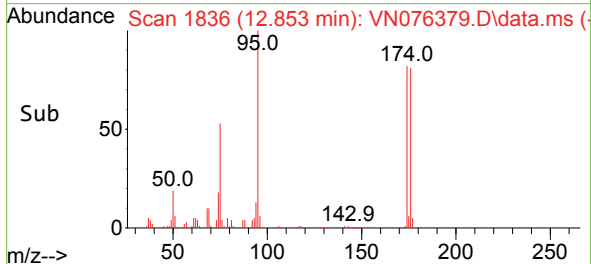
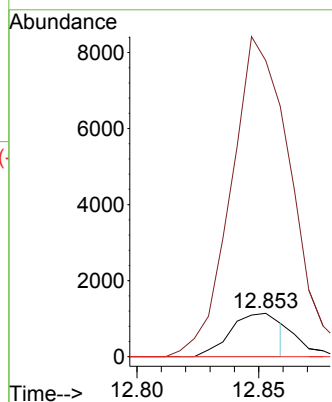
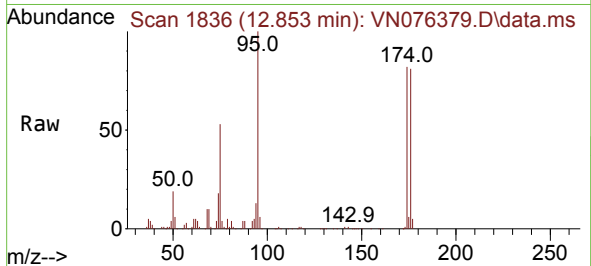




#71
Bromoform
Concen: 0.521 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

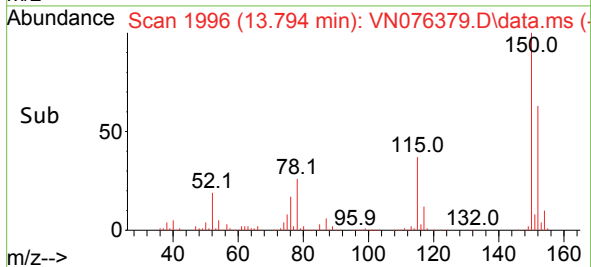
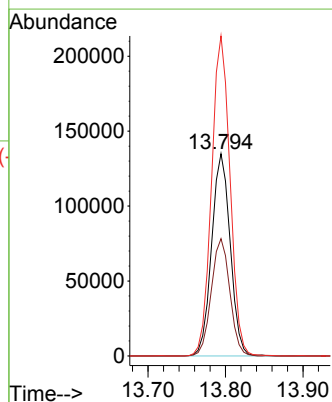
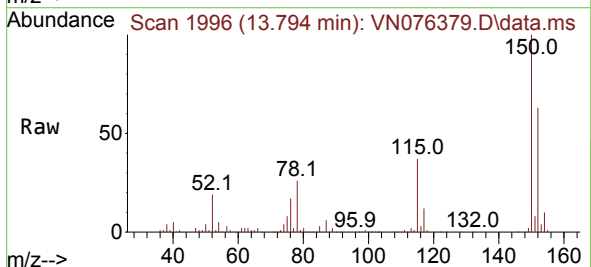
Instrument :
MSVOA_N
ClientSampleId :
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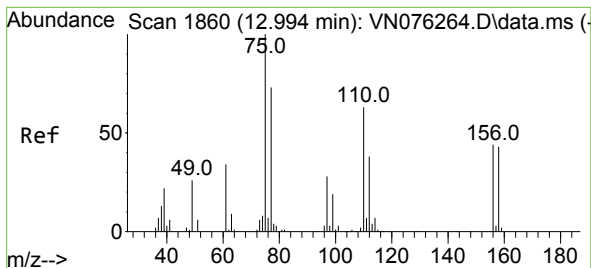
Tgt Ion:173 Resp: 1629
Ion Ratio Lower Upper
173 100
175 717.9 24.1 72.4#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

Tgt Ion:152 Resp: 224611
Ion Ratio Lower Upper
152 100
115 57.9 29.6 88.9
150 157.3 0.0 351.4





#76

1,2,3-Trichloropropane

Concen: 29.871 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076379.D

Acq: 24 Jan 2023 13:53

Instrument :

MSVOA_N

ClientSampleId :

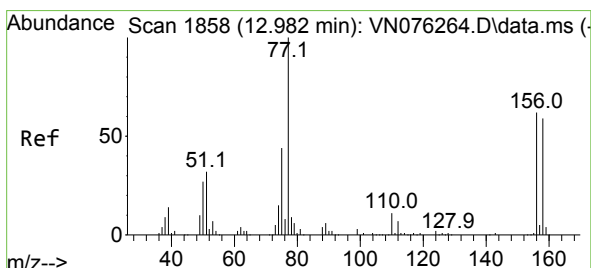
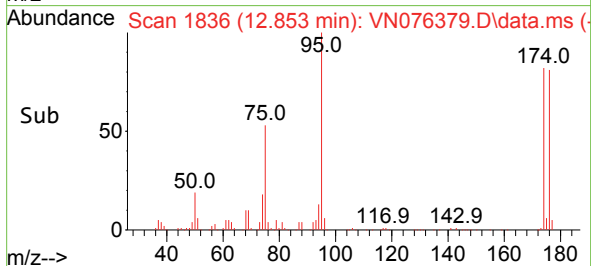
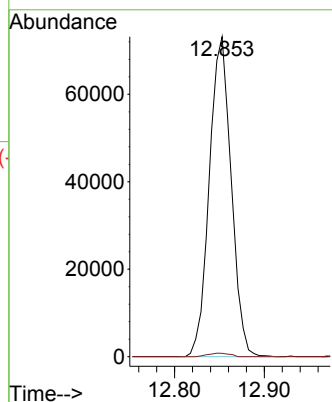
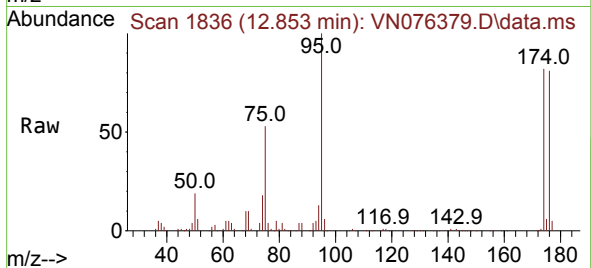
TRIP-BLANK

Tgt Ion: 75 Resp: 123788

Ion Ratio Lower Upper

75 100

77 1.1 75.2 225.6#



#77

Bromobenzene

Concen: Below Cal

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076379.D

Acq: 24 Jan 2023 13:53

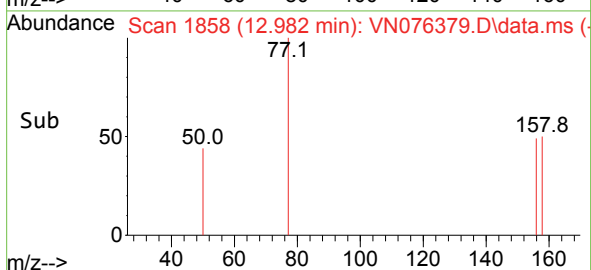
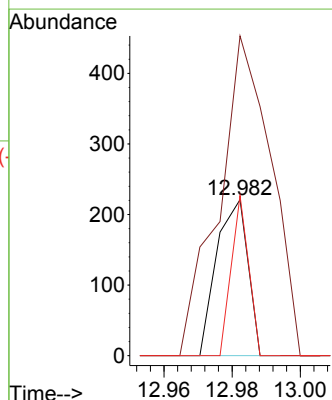
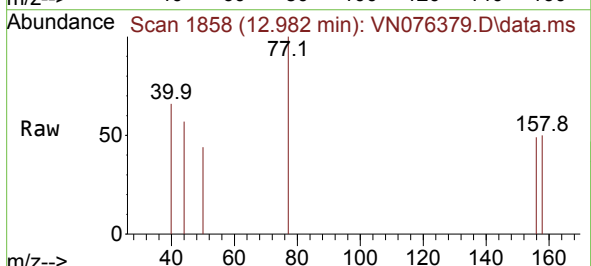
Tgt Ion: 156 Resp: 140

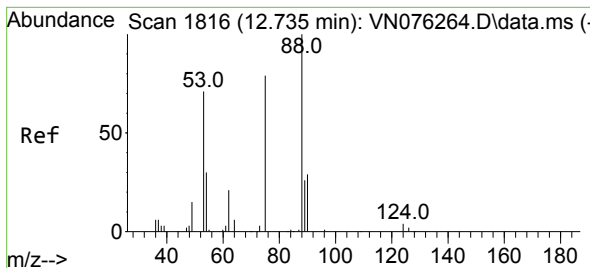
Ion Ratio Lower Upper

156 100

77 345.7 93.4 280.2#

158 57.1 48.4 145.2

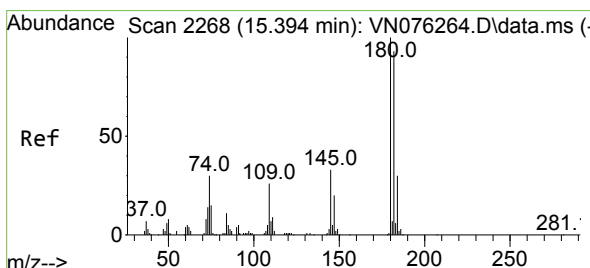
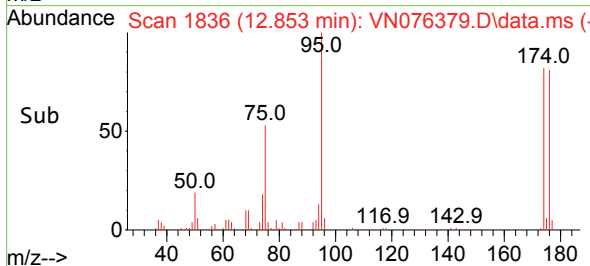
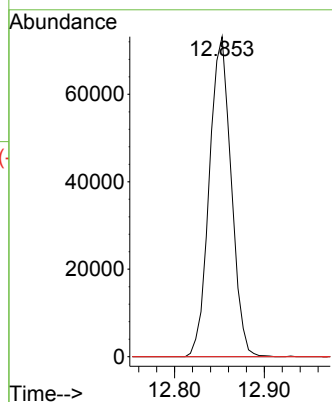
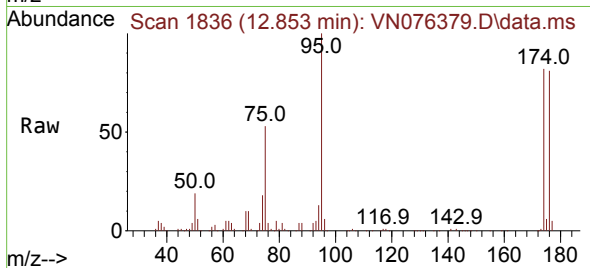




#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.697 ug/l
 RT: 12.853 min Scan# 1836
 Delta R.T. 0.118 min
 Lab File: VN076379.D
 Acq: 24 Jan 2023 13:53

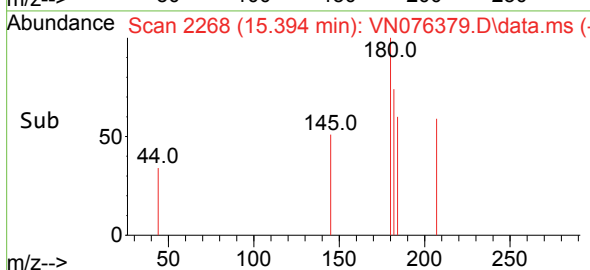
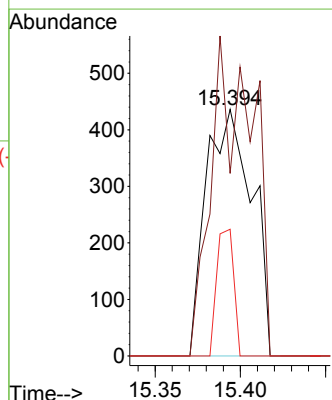
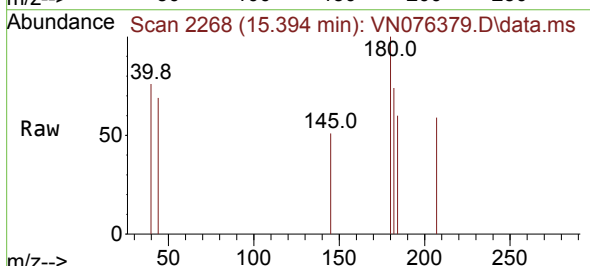
Instrument :
 MSVOA_N
 ClientSampleId :
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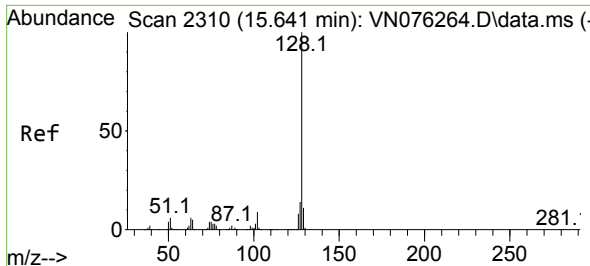
Tgt Ion: 75 Resp: 123788
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 37.0 55.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.507 ug/l
 RT: 15.394 min Scan# 2268
 Delta R.T. -0.000 min
 Lab File: VN076379.D
 Acq: 24 Jan 2023 13:53

Tgt Ion:180 Resp: 817
 Ion Ratio Lower Upper
 180 100
 182 56.8 47.0 141.2
 145 19.0 15.2 45.5

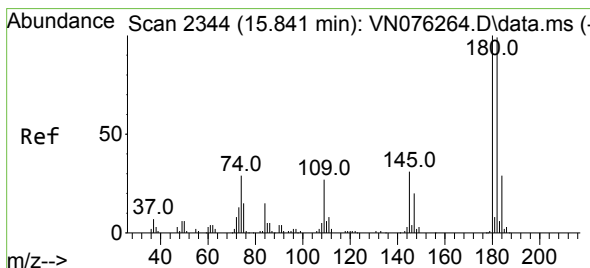
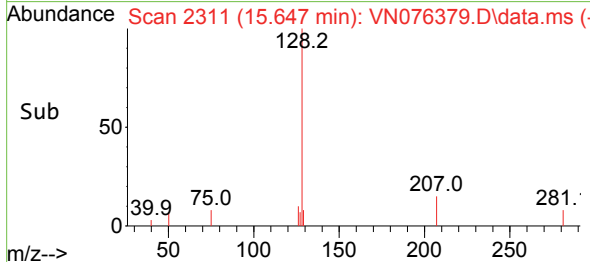
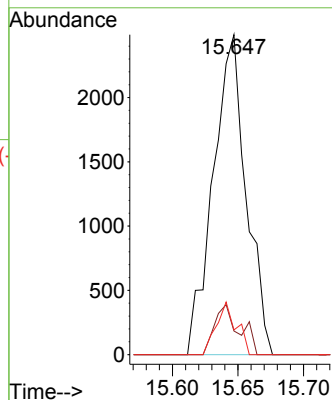
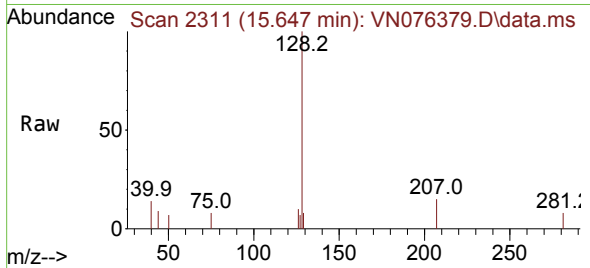




#95
Naphthalene
Concen: 2.198 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:128 Resp: 4356
Ion Ratio Lower Upper
128 100
127 11.8 10.3 15.5
129 10.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.409 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076379.D
Acq: 24 Jan 2023 13:53

Tgt Ion:180 Resp: 980
Ion Ratio Lower Upper
180 100
182 99.8 47.5 142.5
145 12.1 15.9 47.6#

