

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076967.D
 Acq On : 13 Mar 2023 17:21
 Operator : JC\MD
 Sample : 01880-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT158S1-20230309

Quant Time: Mar 14 07:04:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

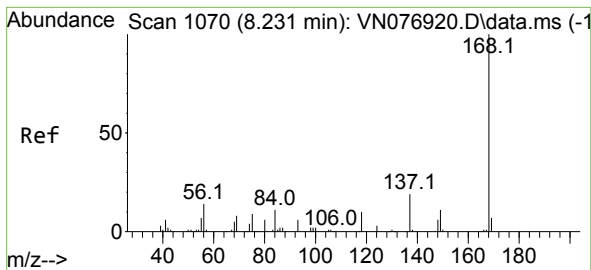
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.236	168	375675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	600108	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	529343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	216601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261084	46.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.140%		
35) Dibromofluoromethane	8.178	113	186019	46.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.020%		
50) Toluene-d8	10.572	98	713151	48.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.760%		
62) 4-Bromofluorobenzene	12.854	95	253214	46.966	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.940%		
Target Compounds						
					Qvalue	
6) Chloroethane	3.131	64	507	0.235	ug/l #	42
24) 1,1-Dichloroethane	6.584	63	11627	1.381	ug/l #	89
31) Cyclohexane	8.231	56	8245	1.025	ug/l #	27
36) 1,1-Dichloropropene	8.231	75	32155	5.198	ug/l #	50
38) Carbon Tetrachloride	8.231	117	43991	6.076	ug/l #	15
49) 1,4-Dioxane	9.701	88	328	4.049	ug/l #	52
51) 4-Methyl-2-Pentanone	10.572	43	3182	0.607	ug/l #	1
71) Bromoform	12.854	173	1134	0.339	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	144641	27.544	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	144641	89.971	ug/l #	15

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

Quant Time: Mar 14 07:04:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 10 13:47:39 2023
Response via : Initial Calibration

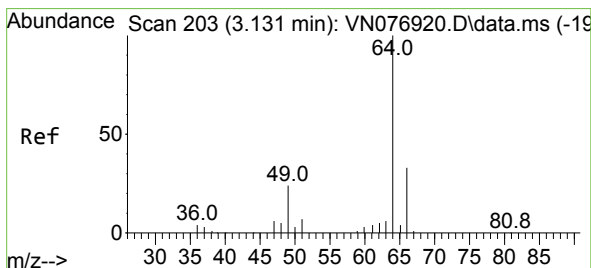
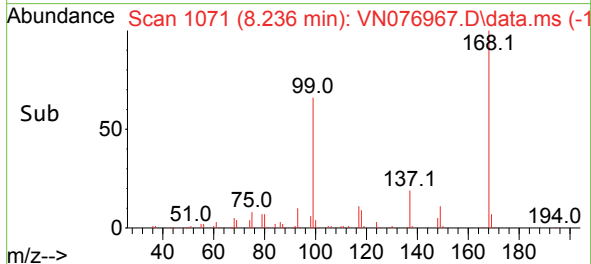
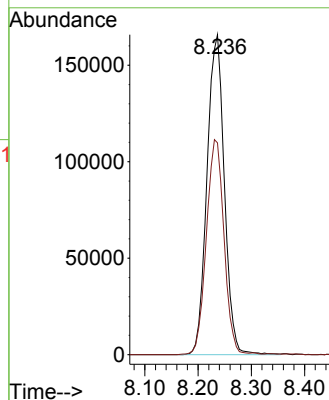
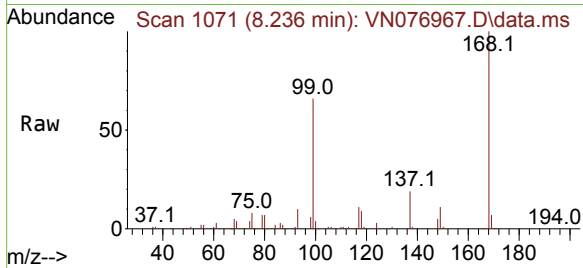




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

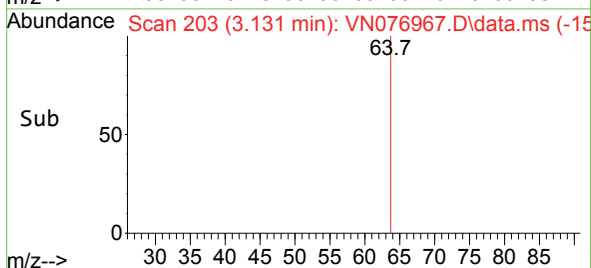
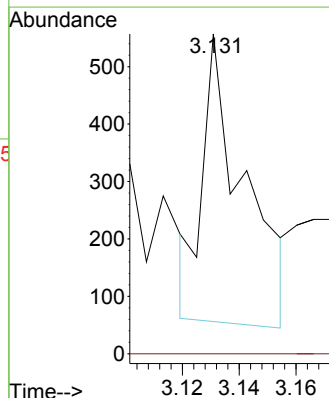
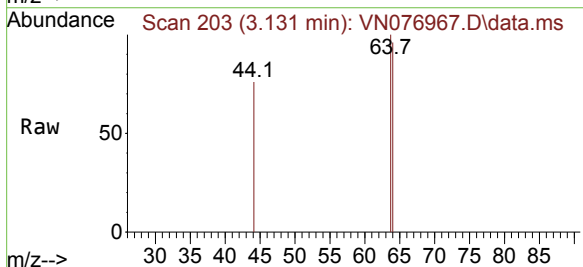
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230309

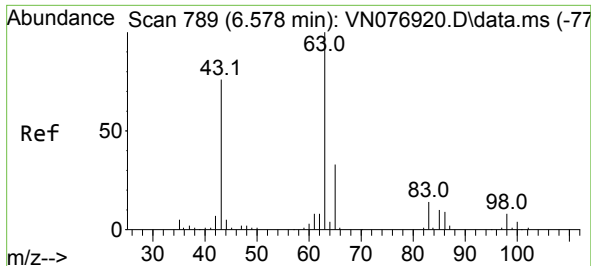
Tgt Ion:168 Resp: 375675
Ion Ratio Lower Upper
168 100
99 66.1 48.6 73.0



#6
Chloroethane
Concen: 0.235 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

Tgt Ion: 64 Resp: 507
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

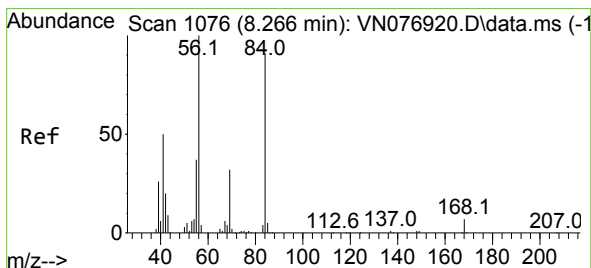
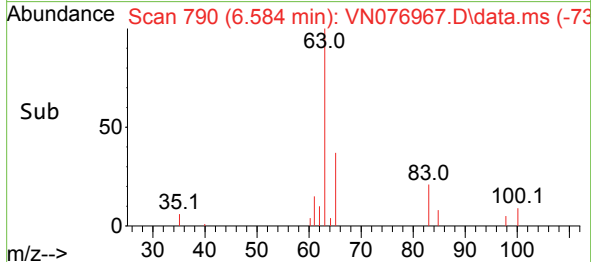
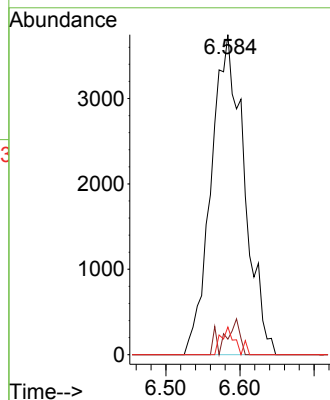
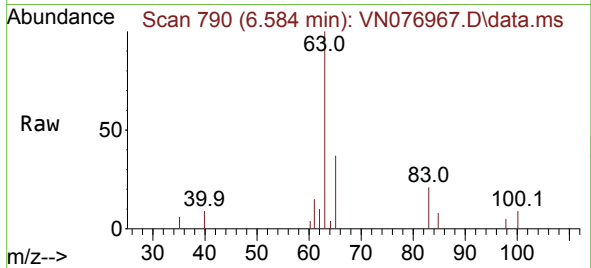




#24
1,1-Dichloroethane
Concen: 1.381 ug/l
RT: 6.584 min Scan# 790
Delta R.T. 0.006 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

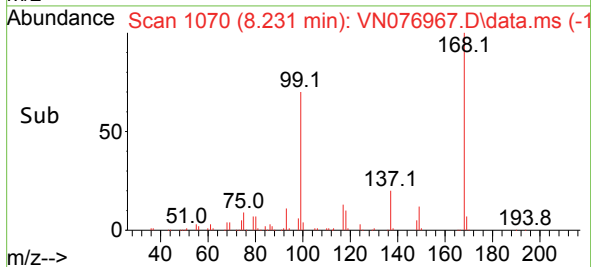
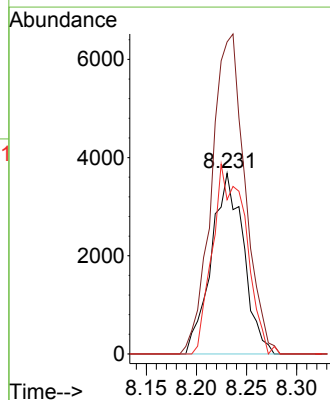
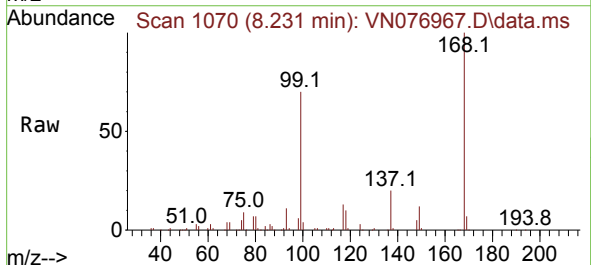
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230309

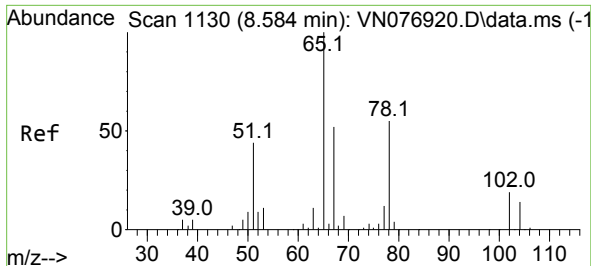
Tgt Ion: 63 Resp: 11627
Ion Ratio Lower Upper
63 100
98 4.9 4.2 12.6
100 8.7 2.2 6.6#



#31
Cyclohexane
Concen: 1.025 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.035 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

Tgt Ion: 56 Resp: 8245
Ion Ratio Lower Upper
56 100
69 172.7 27.0 40.6#
84 85.3 82.9 124.3





#33

1,2-Dichloroethane-d4

Concen: 46.571 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076967.D

Acq: 13 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

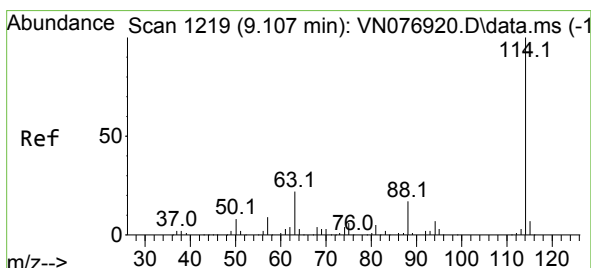
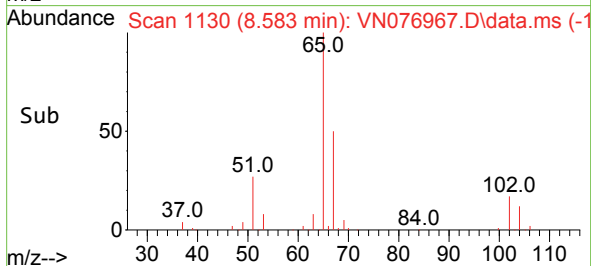
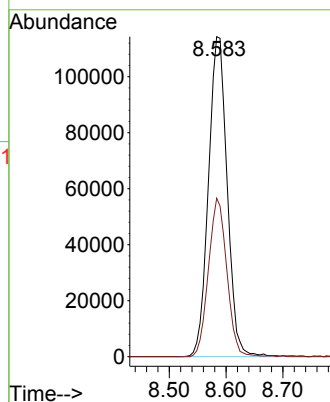
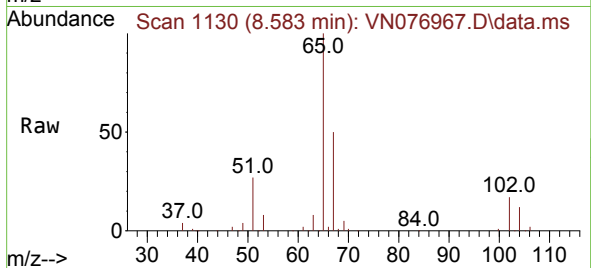
TT158S1-20230309

Tgt Ion: 65 Resp: 261084

Ion Ratio Lower Upper

65 100

67 48.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076967.D

Acq: 13 Mar 2023 17:21

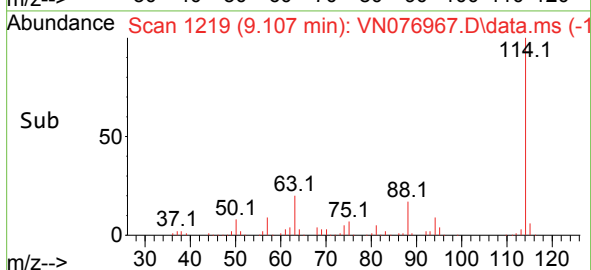
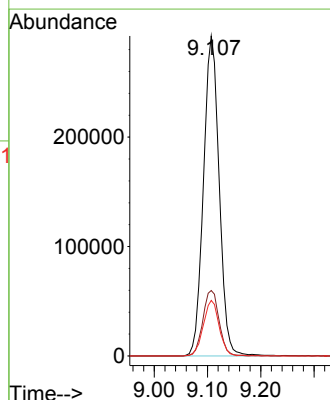
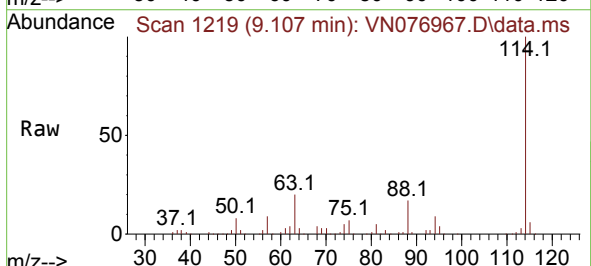
Tgt Ion: 114 Resp: 600108

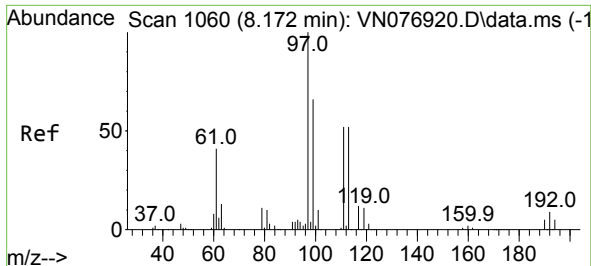
Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.6

88 17.3 0.0 28.6

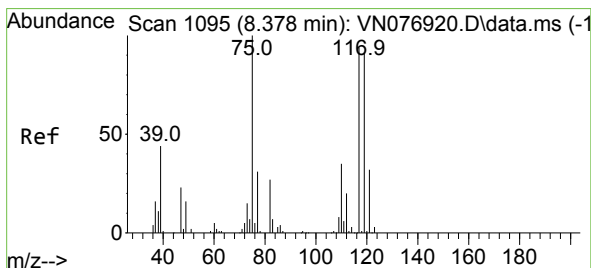
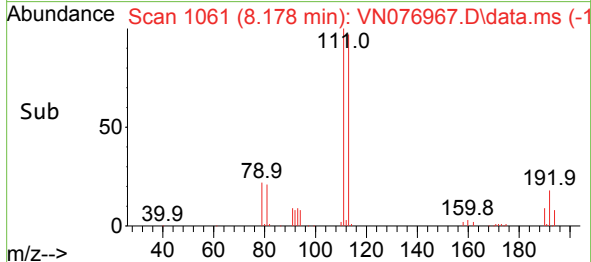
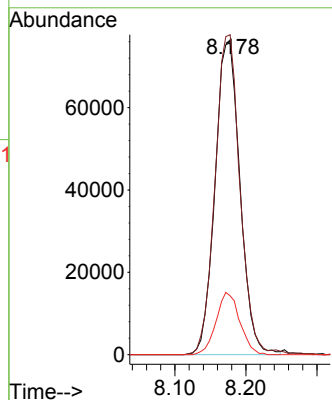
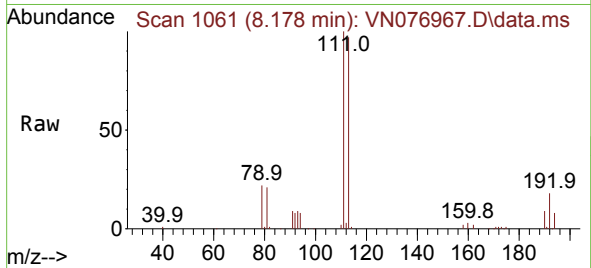




#35
Dibromofluoromethane
Concen: 46.510 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

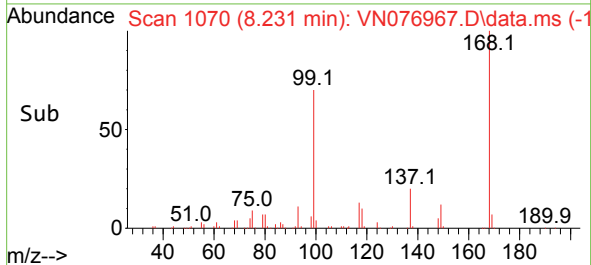
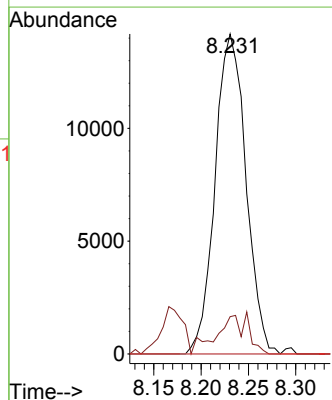
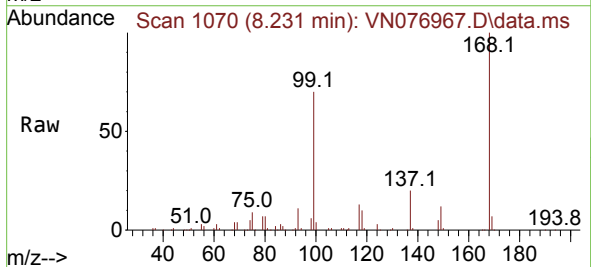
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230309

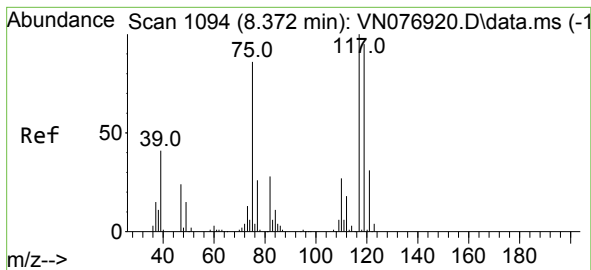
Tgt Ion:113 Resp: 186019
Ion Ratio Lower Upper
113 100
111 102.1 81.8 122.8
192 18.8 13.9 20.9



#36
1,1-Dichloropropene
Concen: 5.198 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.147 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

Tgt Ion: 75 Resp: 32155
Ion Ratio Lower Upper
75 100
110 11.1 18.9 56.9#
77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 6.076 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.141 min

Lab File: VN076967.D

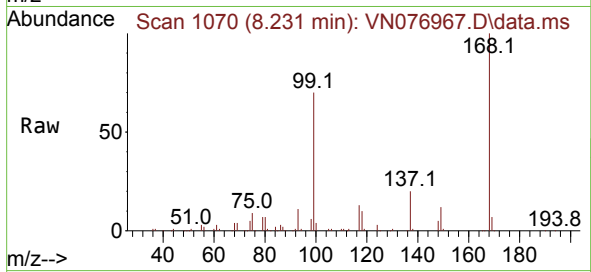
Acq: 13 Mar 2023 17:21

Instrument :

MSVOA_N

ClientSampleId :

TT158S1-20230309



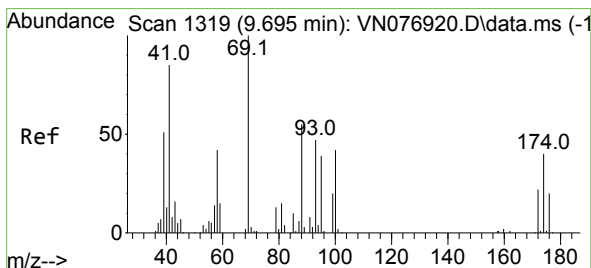
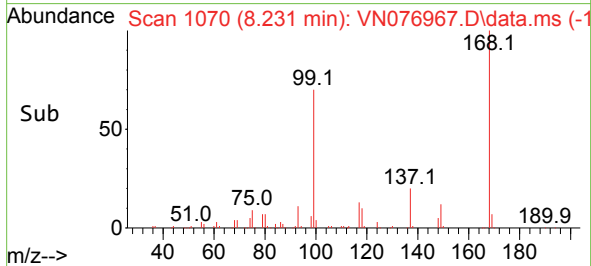
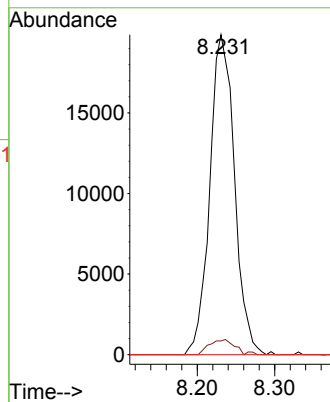
Tgt Ion:117 Resp: 43991

Ion Ratio Lower Upper

117 100

119 4.3 76.9 115.3#

121 0.0 23.2 34.8#



#49

1,4-Dioxane

Concen: 4.049 ug/l

RT: 9.701 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN076967.D

Acq: 13 Mar 2023 17:21

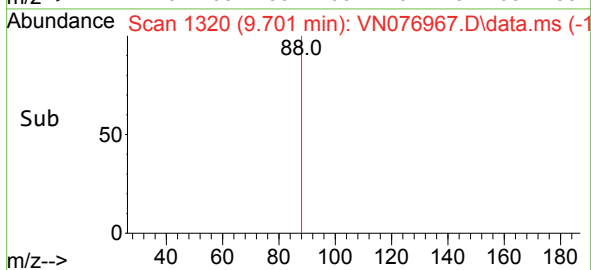
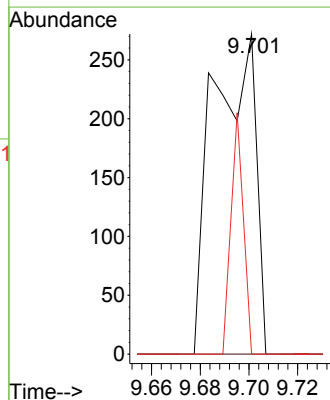
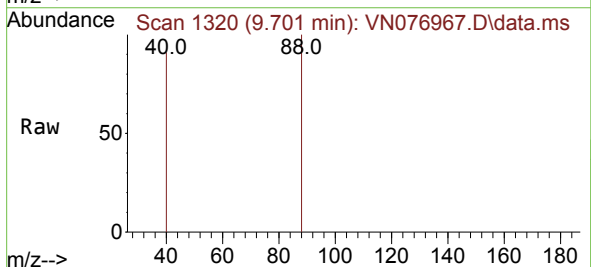
Tgt Ion: 88 Resp: 328

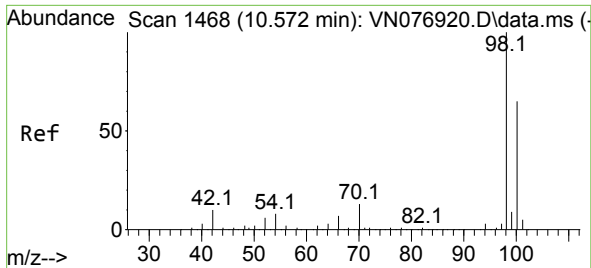
Ion Ratio Lower Upper

88 100

43 0.0 15.3 22.9#

58 22.0 47.6 71.4#

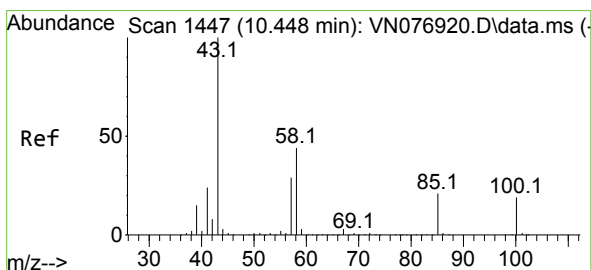
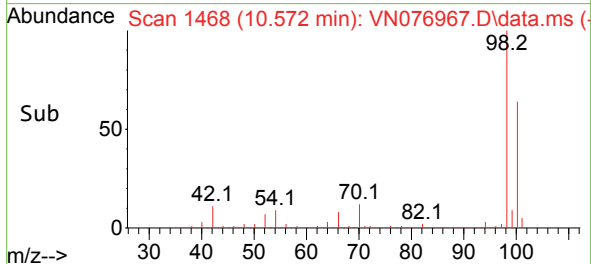
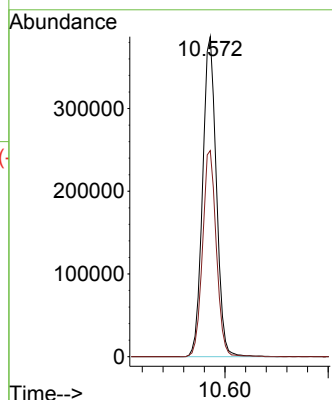
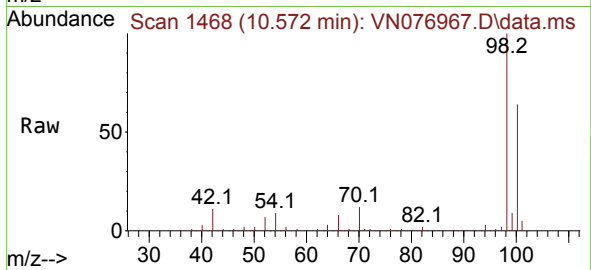




#50
Toluene-d8
Concen: 48.381 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

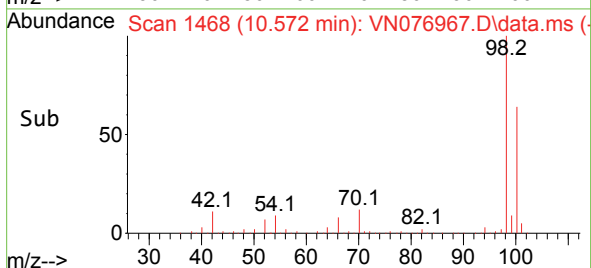
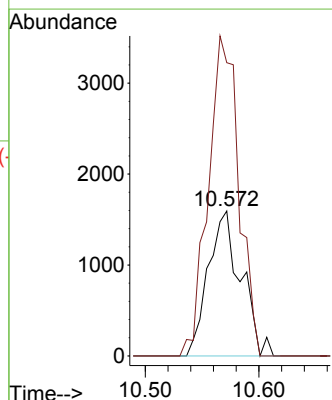
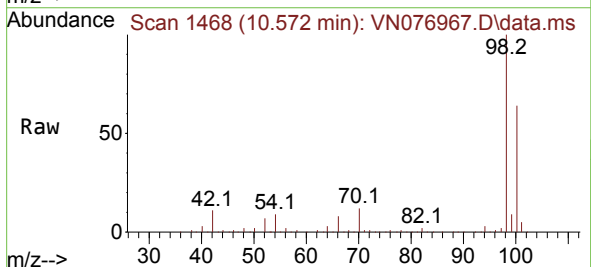
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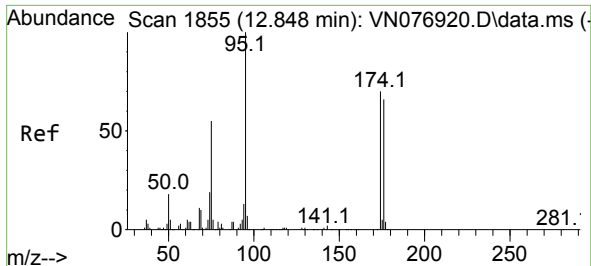
Tgt Ion: 98 Resp: 713151
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.607 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.124 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

Tgt Ion: 43 Resp: 3182
Ion Ratio Lower Upper
43 100
58 207.1 37.4 56.0#

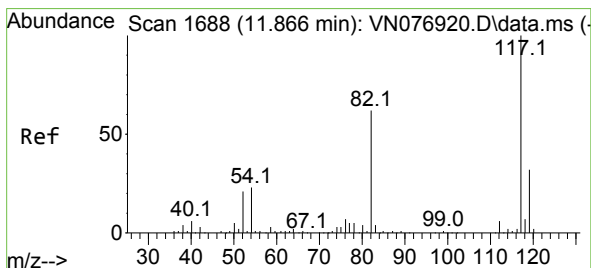
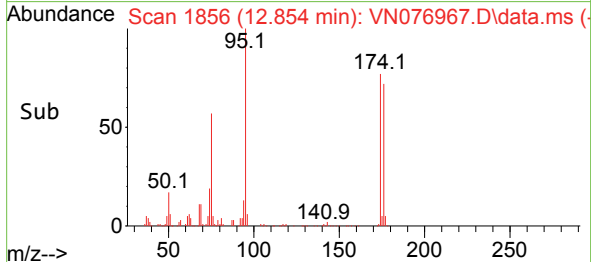
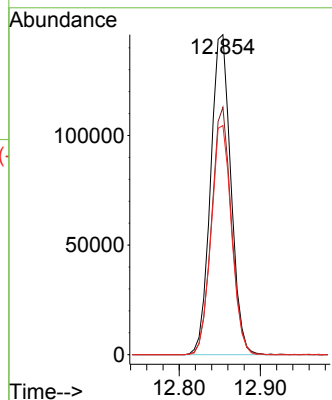
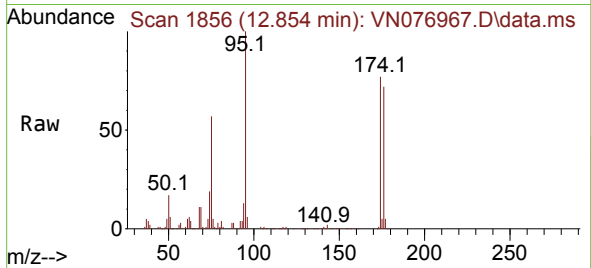




#62
4-Bromofluorobenzene
Concen: 46.966 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

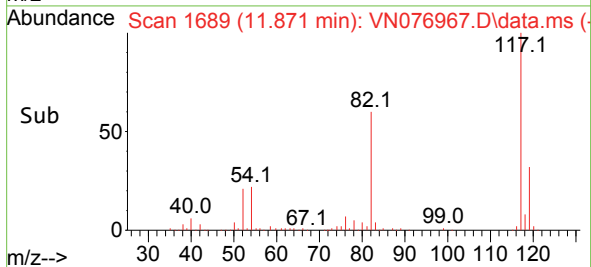
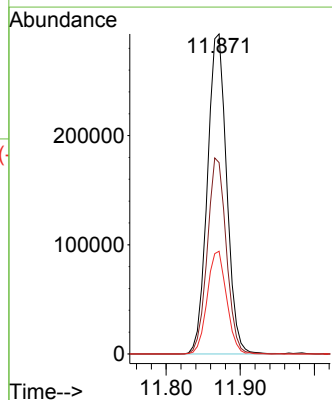
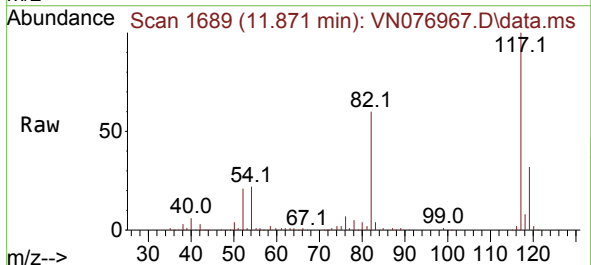
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230309

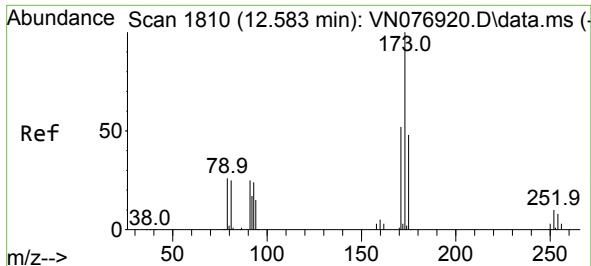
Tgt Ion: 95 Resp: 253214
Ion Ratio Lower Upper
95 100
174 75.4 0.0 162.4
176 72.1 0.0 157.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

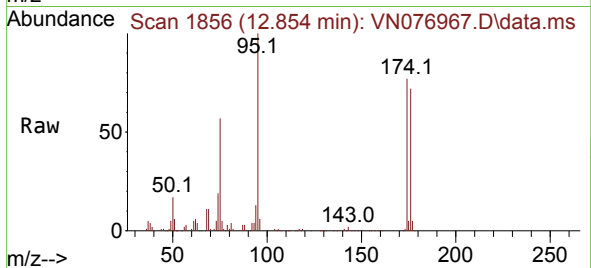
Tgt Ion: 117 Resp: 529343
Ion Ratio Lower Upper
117 100
82 59.8 43.5 65.3
119 32.1 25.5 38.3



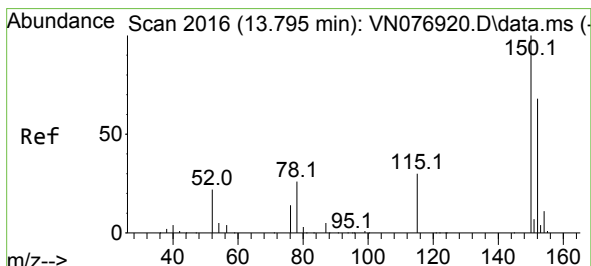
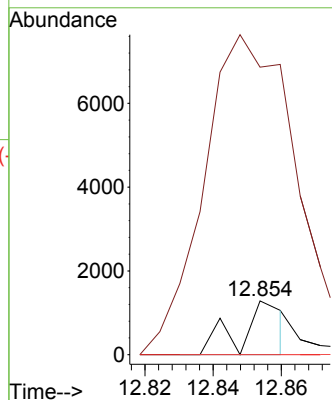
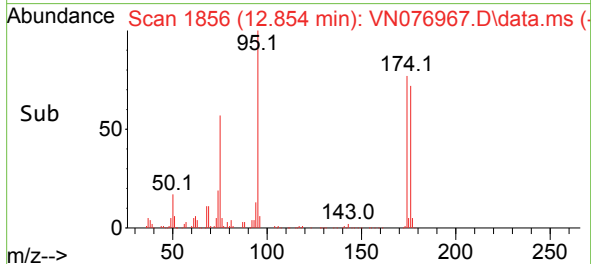


#71
Bromoform
Concen: 0.339 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.271 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

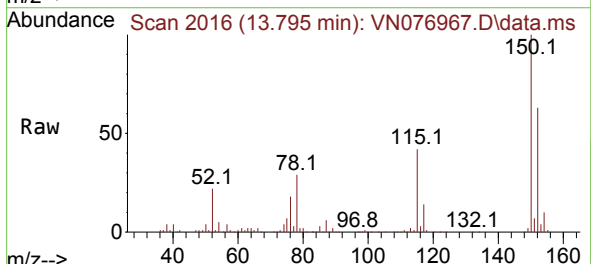
Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230309



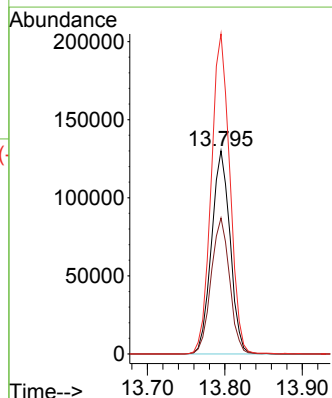
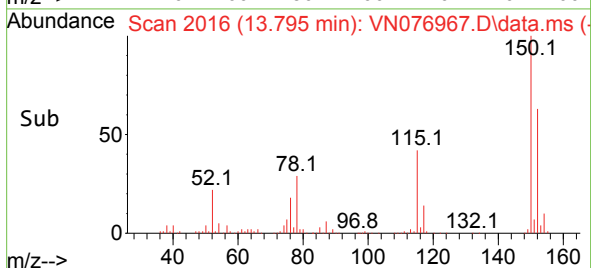
Tgt Ion:173 Resp: 1134
Ion Ratio Lower Upper
173 100
175 837.6 24.9 74.6#
254 0.0 0.0 0.0

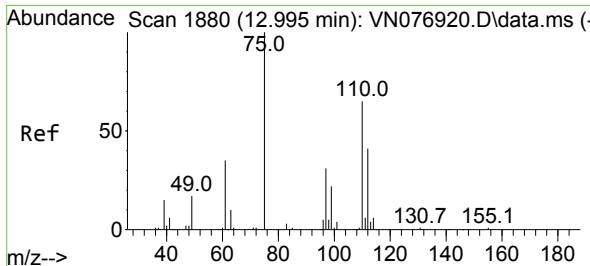


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21



Tgt Ion:152 Resp: 216601
Ion Ratio Lower Upper
152 100
115 66.6 30.3 90.9
150 157.5 0.0 353.6

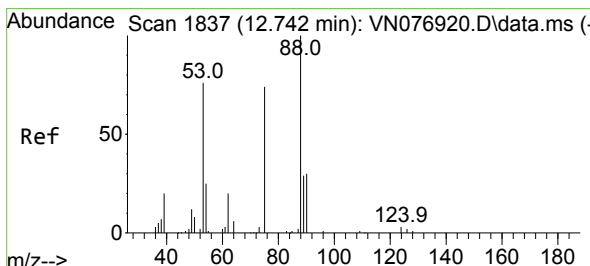
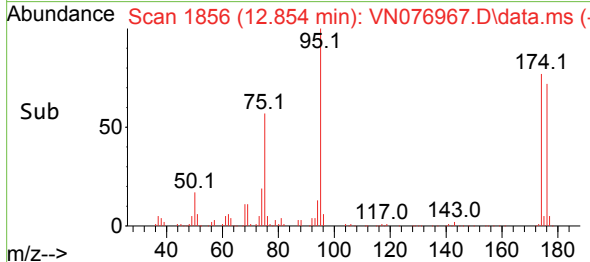
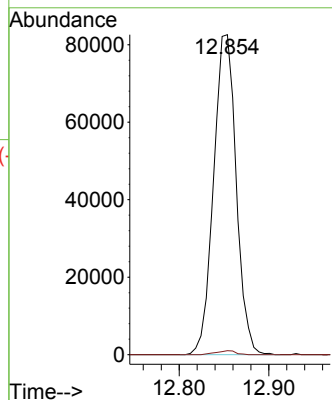
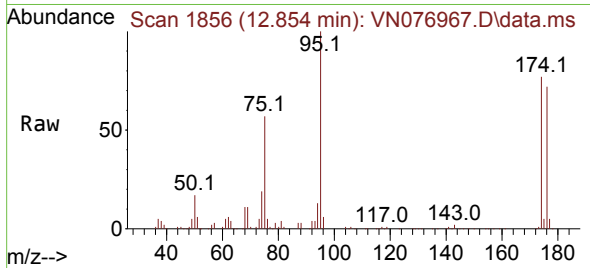




#76
1,2,3-Trichloropropane
Concen: 27.544 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

Instrument :
MSVOA_N
ClientSampleId :
TT158S1-20230309

Tgt Ion: 75 Resp: 144641
Ion Ratio Lower Upper
75 100
77 1.1 93.8 281.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.971 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.112 min
Lab File: VN076967.D
Acq: 13 Mar 2023 17:21

Tgt Ion: 75 Resp: 144641
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.0#
89 0.0 39.5 59.3#

