

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076324.D
 Acq On : 19 Jan 2023 15:43
 Operator : JC\MD
 Sample : 01221-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 20 00:57:45 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)

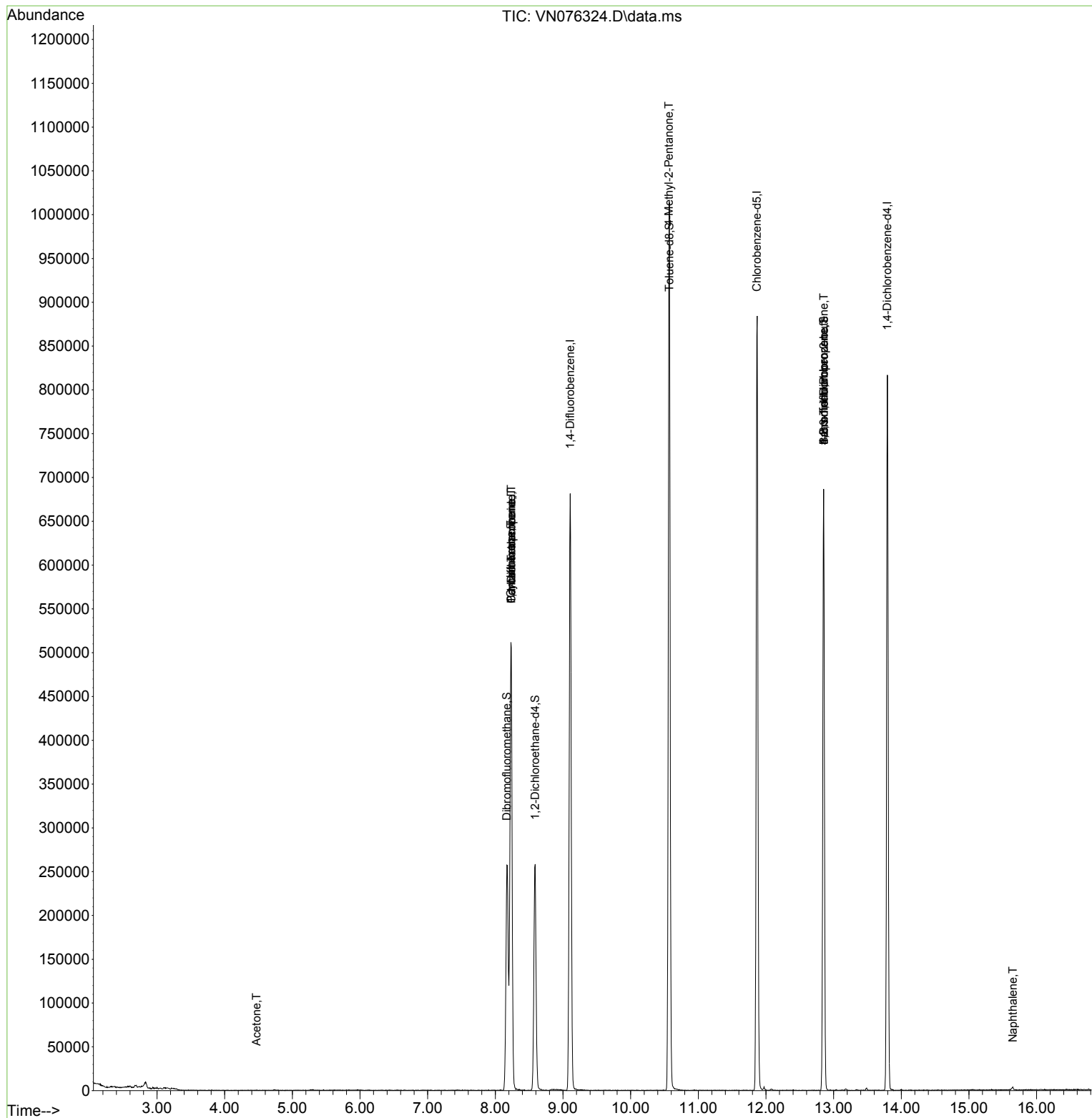
Internal Standards						
1) Pentafluorobenzene	8.235	168	400125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	629545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	544110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	210158	46.909	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.820%
35) Dibromofluoromethane	8.171	113	187890	47.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	10.571	98	721659	49.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.853	95	224470	47.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.560%
Target Compounds						
					Qvalue	
16) Acetone	4.471	43	738	0.441	ug/l #	41
20) Methylene Chloride	5.289	84	469	Below Cal	#	24
31) Cyclohexane	8.230	56	7732	1.123	ug/l #	5
36) 1,1-Dichloropropene	8.235	75	28296	5.057	ug/l #	49
38) Carbon Tetrachloride	8.235	117	39363	6.308	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	2657	0.620	ug/l #	1
71) Bromoform	12.853	173	1473	0.477	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	115065	26.795	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	115065	82.550	ug/l #	11
95) Naphthalene	15.647	128	3574	2.125	ug/l #	91

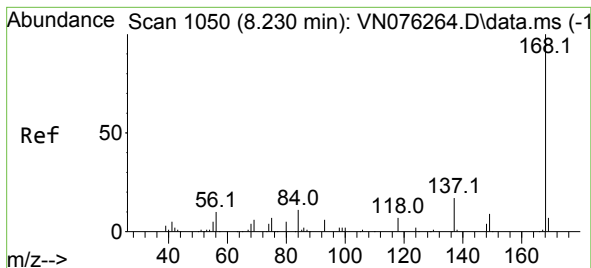
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

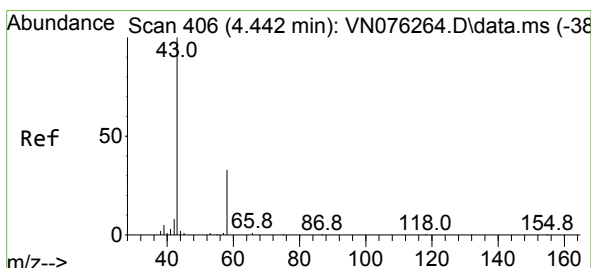
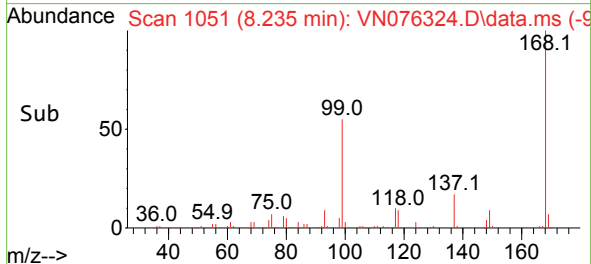
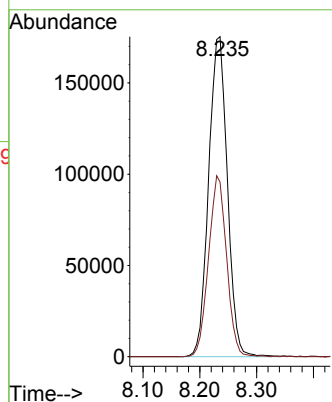
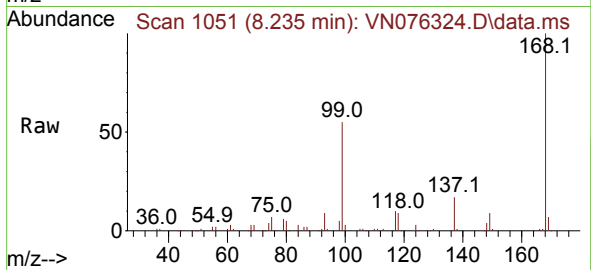




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

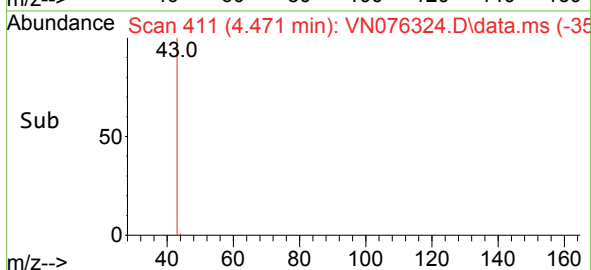
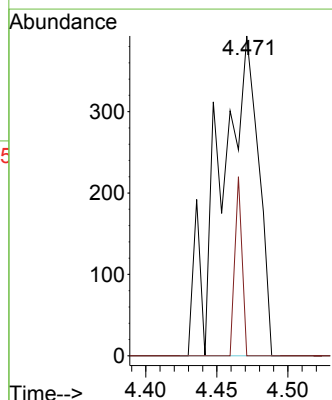
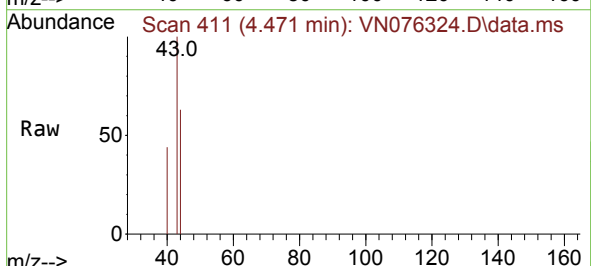
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

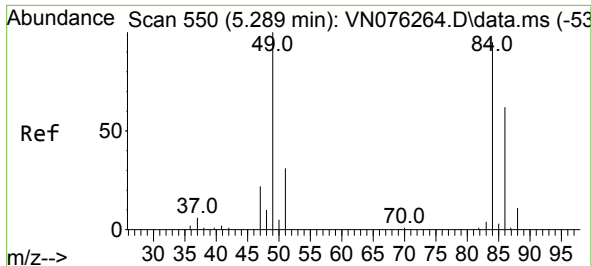
Tgt Ion:168 Resp: 400125
Ion Ratio Lower Upper
168 100
99 54.6 41.6 62.4



#16
Acetone
Concen: 0.441 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.029 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

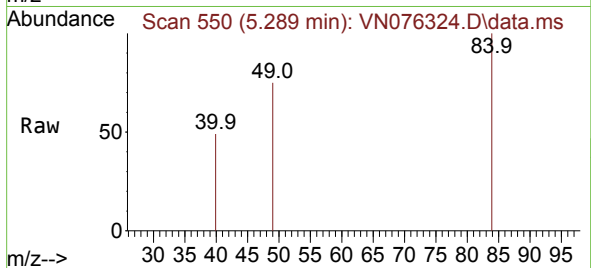
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#





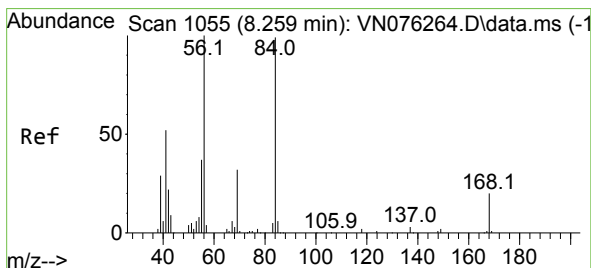
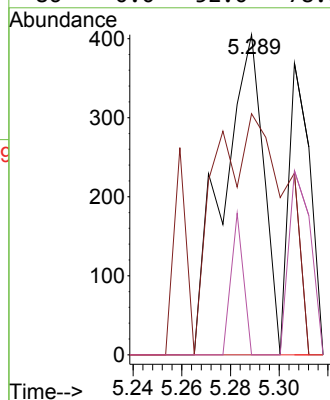
#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK



Tgt Ion: 84 Resp: 469

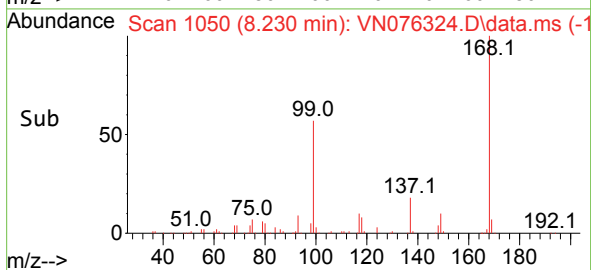
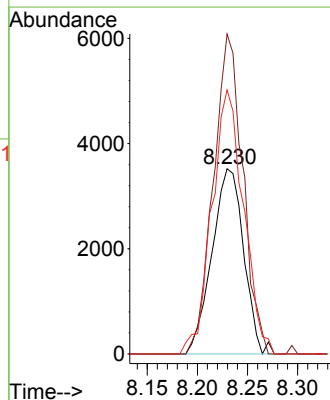
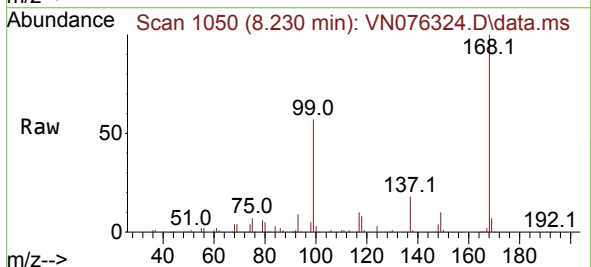
Ion	Ratio	Lower	Upper
84	100		
49	26.2	84.5	126.7#
51	0.0	26.0	39.0#
86	0.0	52.0	78.0#

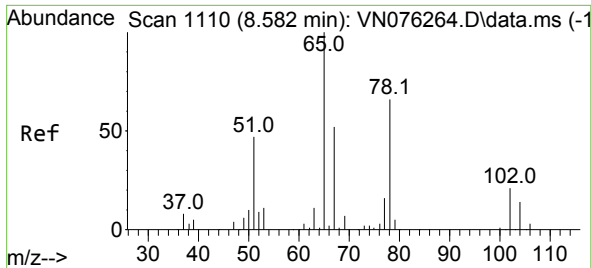


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Tgt Ion: 56 Resp: 7732

Ion	Ratio	Lower	Upper
56	100		
69	172.7	25.8	38.8#
84	142.5	79.0	118.4#





#33

1,2-Dichloroethane-d4

Concen: 46.909 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076324.D

Acq: 19 Jan 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

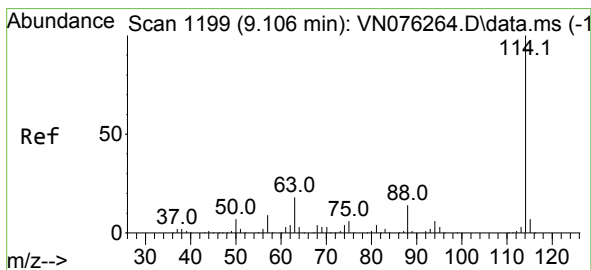
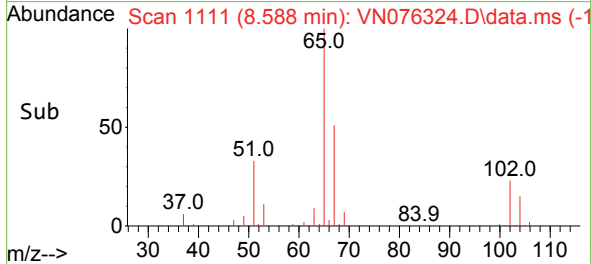
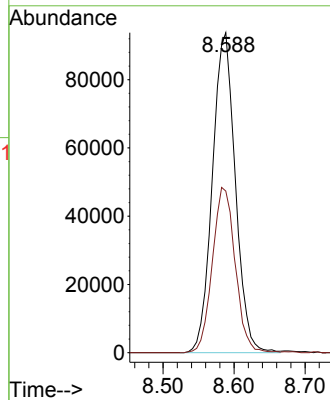
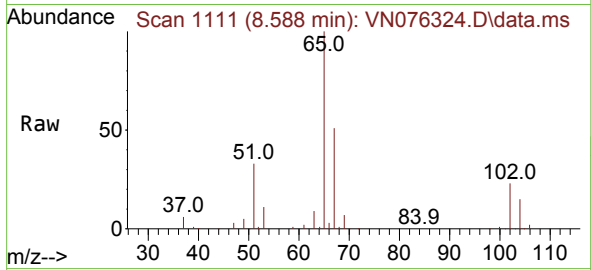
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Tgt Ion: 65 Resp: 210158

Ion Ratio Lower Upper

65 100

67 51.6 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: VN076324.D

Acq: 19 Jan 2023 15:43

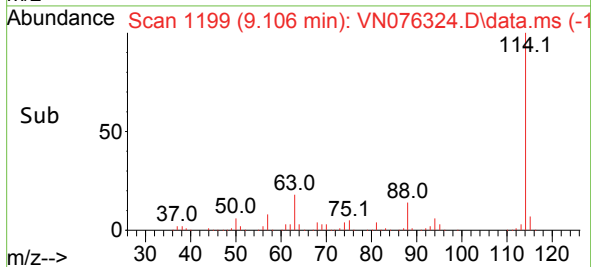
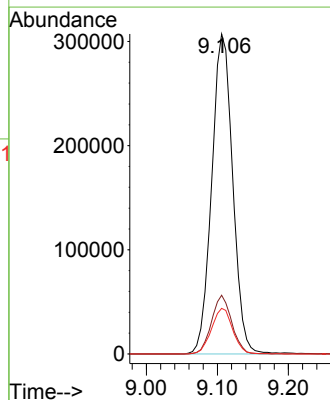
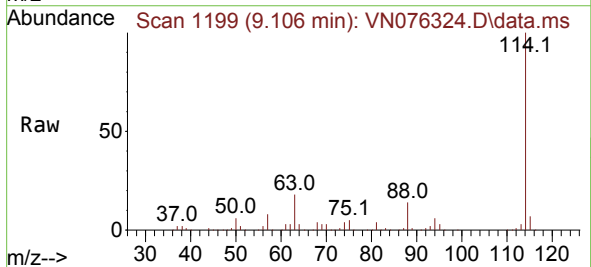
Tgt Ion: 114 Resp: 629545

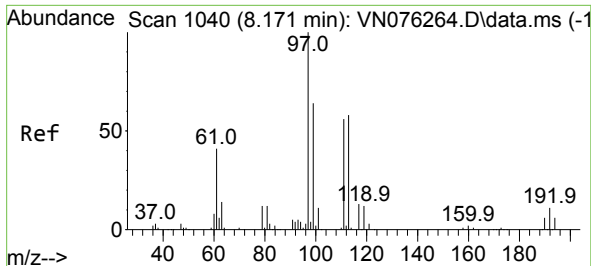
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

88 14.3 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.711 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076324.D

Acq: 19 Jan 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

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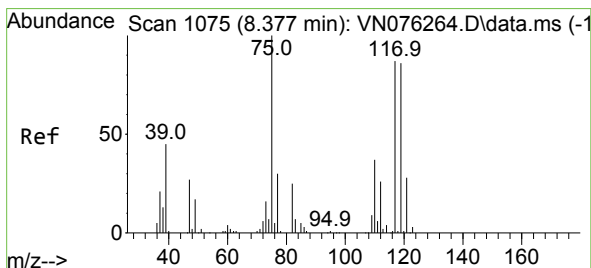
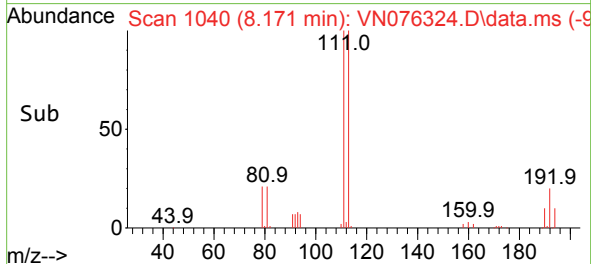
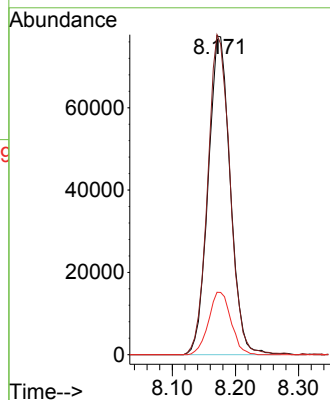
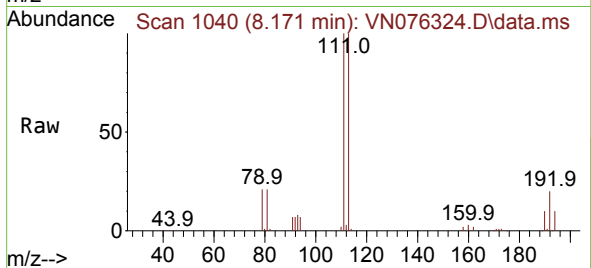
Tgt Ion:113 Resp: 187890

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

192 19.9 15.6 23.4



#36

1,1-Dichloropropene

Concen: 5.057 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.142 min

Lab File: VN076324.D

Acq: 19 Jan 2023 15:43

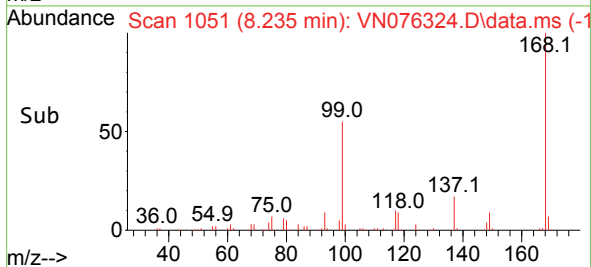
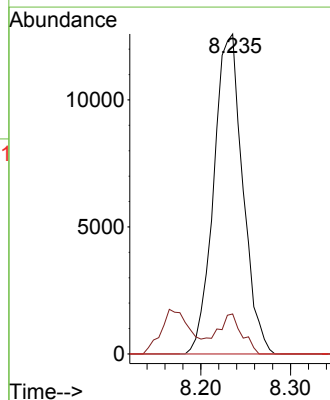
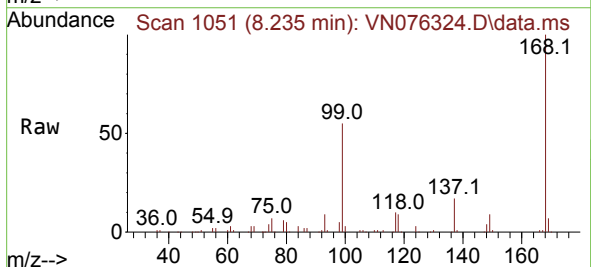
Tgt Ion: 75 Resp: 28296

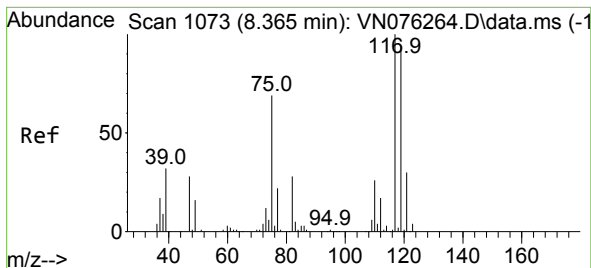
Ion Ratio Lower Upper

75 100

110 9.5 18.8 56.3#

77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.308 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.130 min

Lab File: VN076324.D

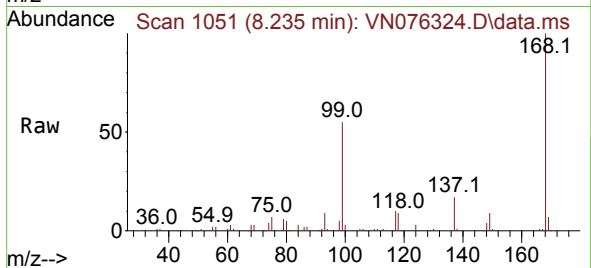
Acq: 19 Jan 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

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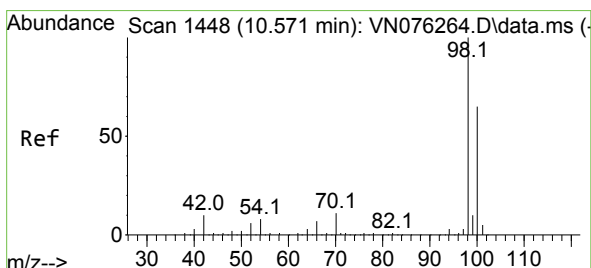
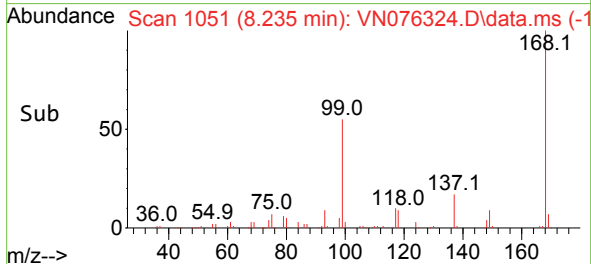
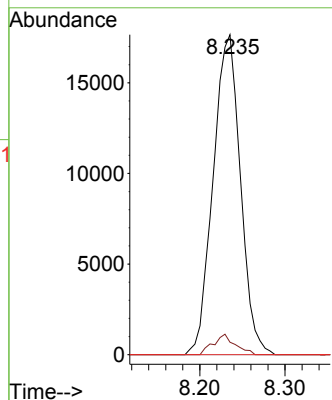
Tgt Ion:117 Resp: 39363

Ion Ratio Lower Upper

117 100

119 3.9 75.4 113.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 49.620 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076324.D

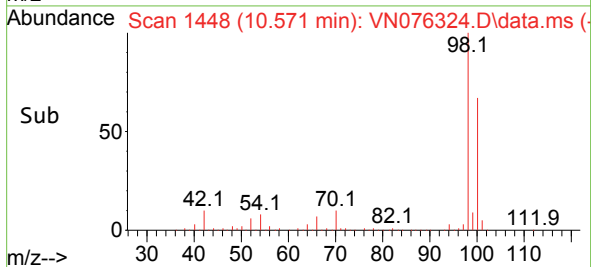
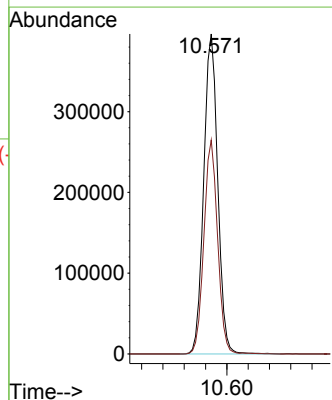
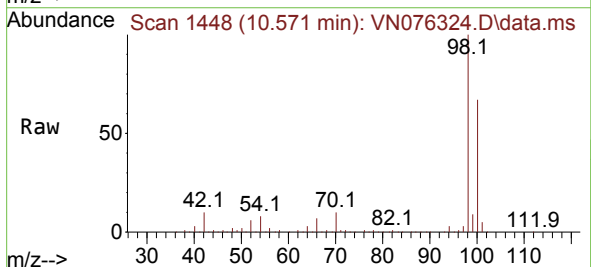
Acq: 19 Jan 2023 15:43

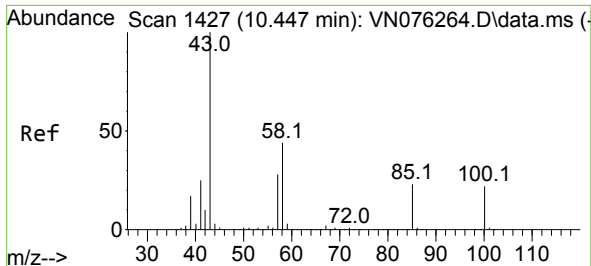
Tgt Ion: 98 Resp: 721659

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4

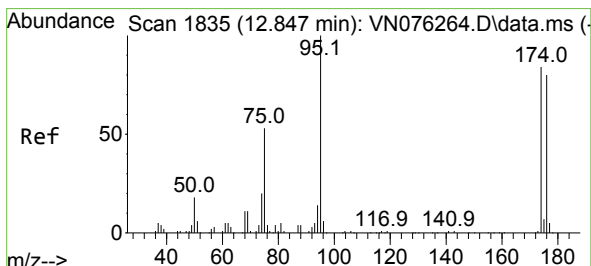
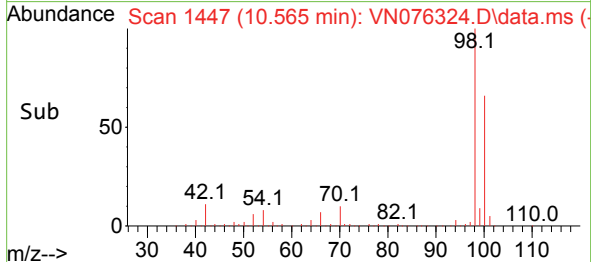
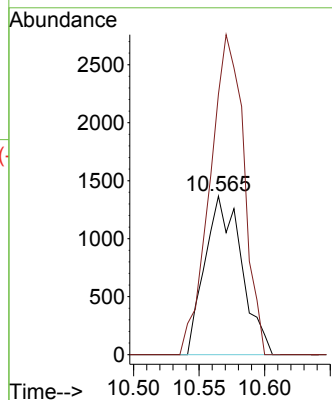
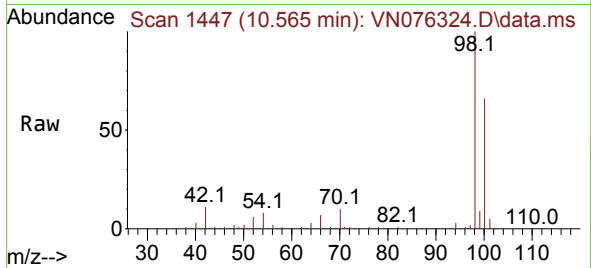




#51
4-Methyl-2-Pentanone
Concen: 0.620 ug/l
RT: 10.565 min Scan# 1427
Delta R.T. 0.118 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

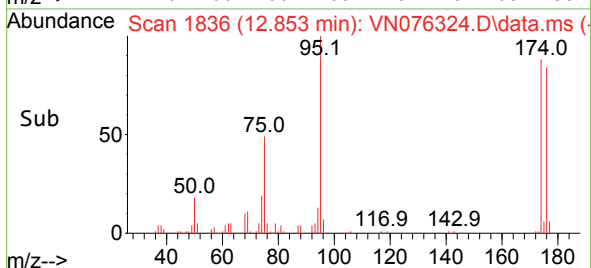
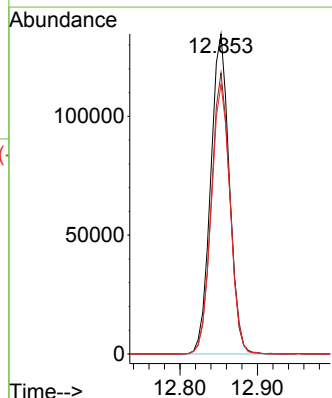
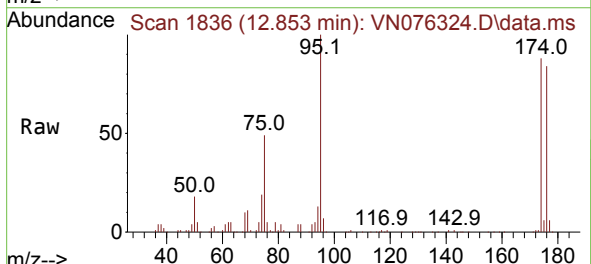
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ClientSampleId :
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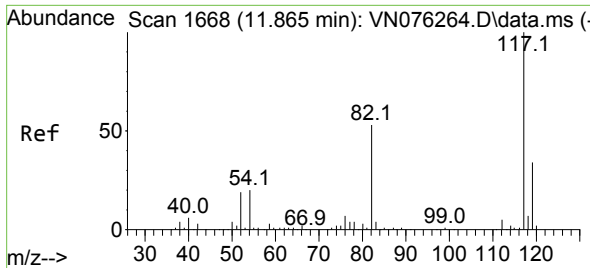
Tgt Ion: 43 Resp: 2657
Ion Ratio Lower Upper
43 100
58 186.8 35.1 52.7#



#62
4-Bromofluorobenzene
Concen: 47.278 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Tgt Ion: 95 Resp: 224470
Ion Ratio Lower Upper
95 100
174 87.9 0.0 174.6
176 85.2 0.0 167.8

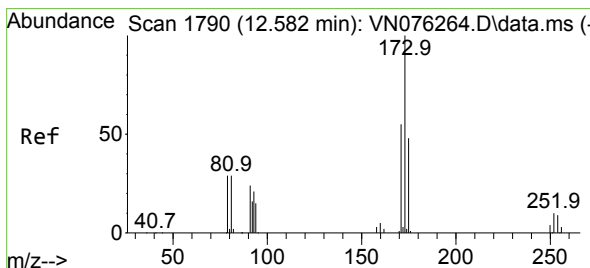
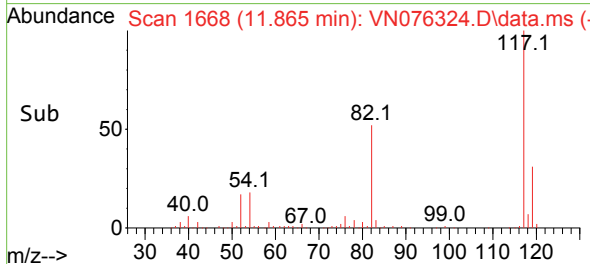
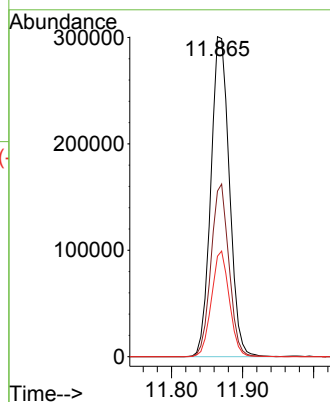
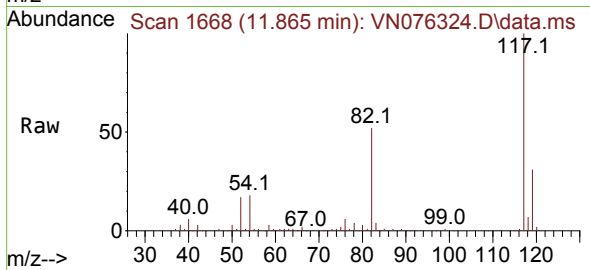




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

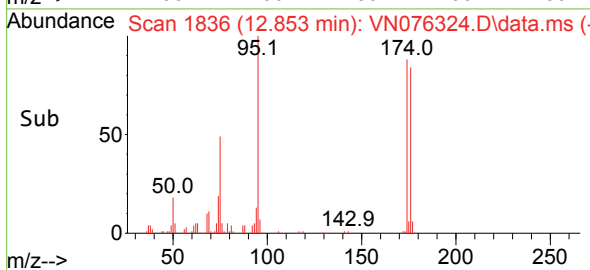
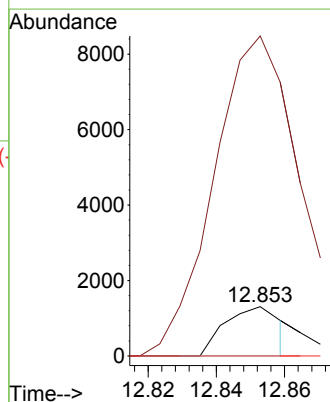
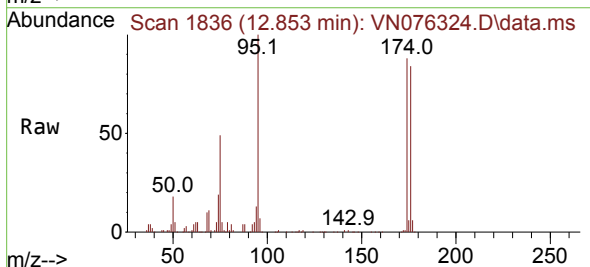
Instrument :
MSVOA_N
ClientSampleId :
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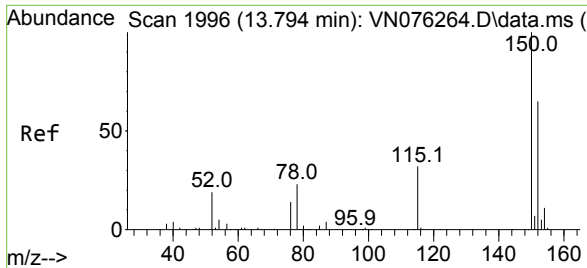
Tgt Ion:117 Resp: 544110
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 31.4 26.9 40.3



#71
Bromoform
Concen: 0.477 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.271 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Tgt Ion:173 Resp: 1473
Ion Ratio Lower Upper
173 100
175 806.9 24.1 72.4#
254 0.0 0.0 0.0

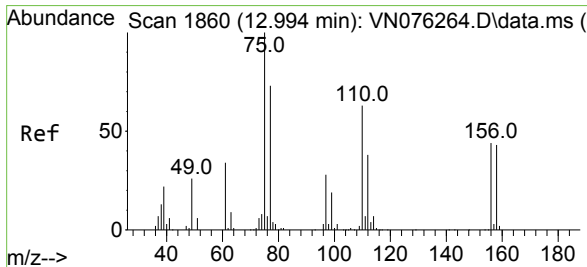
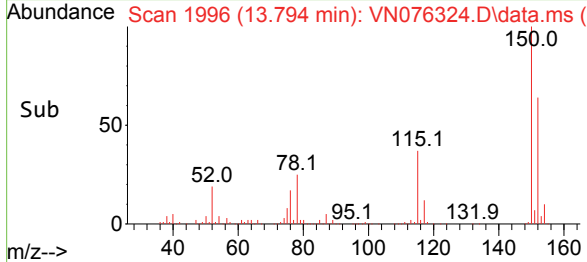
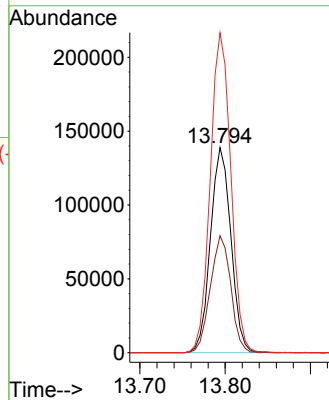
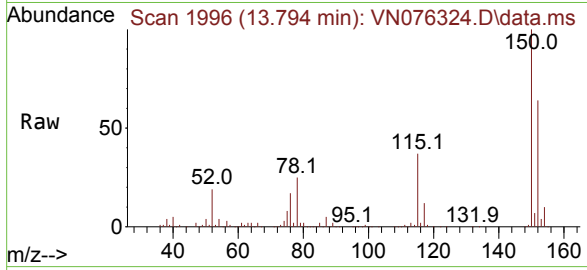




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

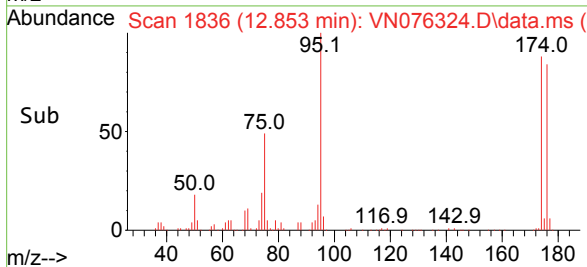
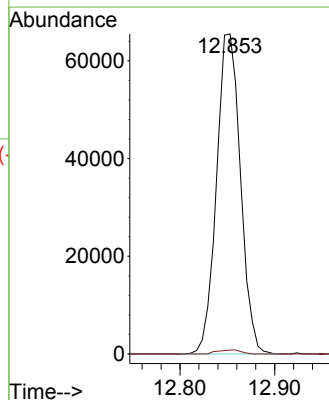
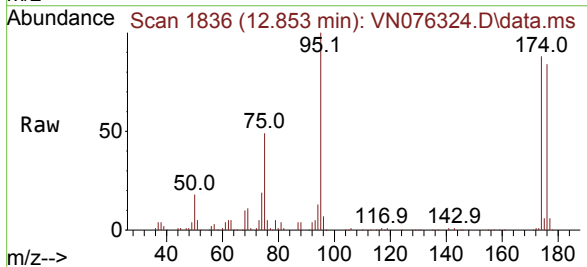
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ClientSampleId :
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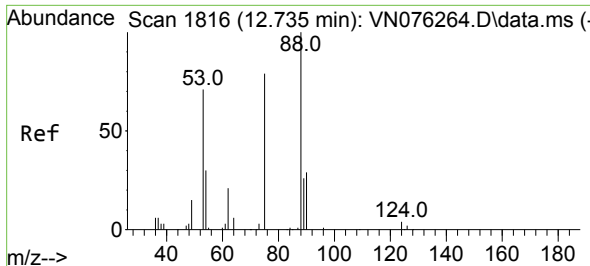
Tgt Ion:152 Resp: 231918
Ion Ratio Lower Upper
152 100
115 56.9 29.6 88.9
150 156.4 0.0 351.4



#76
1,2,3-Trichloropropane
Concen: 26.795 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Tgt Ion: 75 Resp: 115065
Ion Ratio Lower Upper
75 100
77 1.2 75.2 225.6#

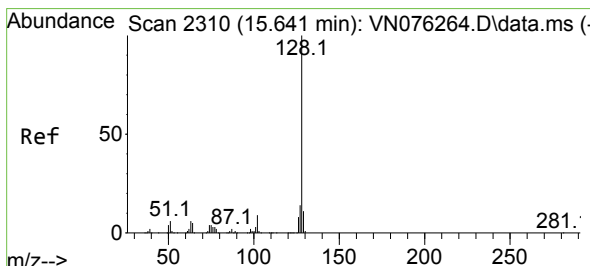
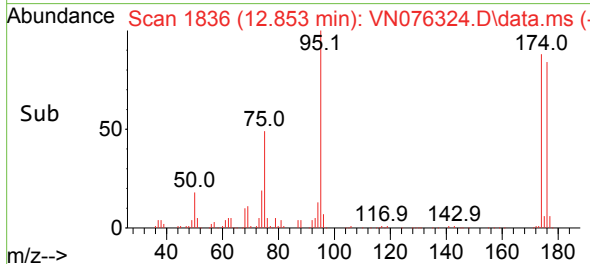
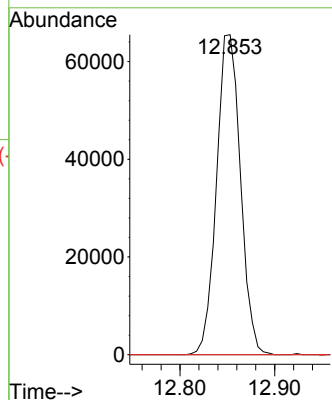
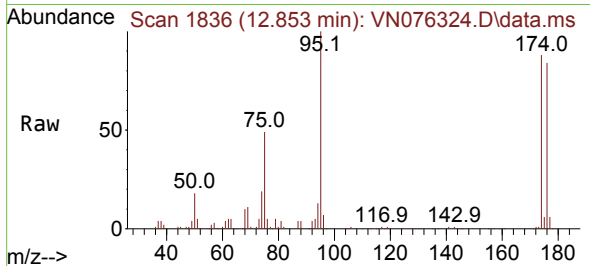




#81
trans-1,4-Dichloro-2-butene
Concen: 82.550 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 115065
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#



#95
Naphthalene
Concen: 2.125 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Tgt Ion:128 Resp: 3574
Ion Ratio Lower Upper
128 100
127 7.8 10.3 15.5#
129 9.3 8.6 13.0

