

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011223\
 Data File : VN076226.D
 Acq On : 12 Jan 2023 13:27
 Operator : JC\MD
 Sample : 01131-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230111038-08-TRIP-BLANK

Quant Time: Jan 13 01:58:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

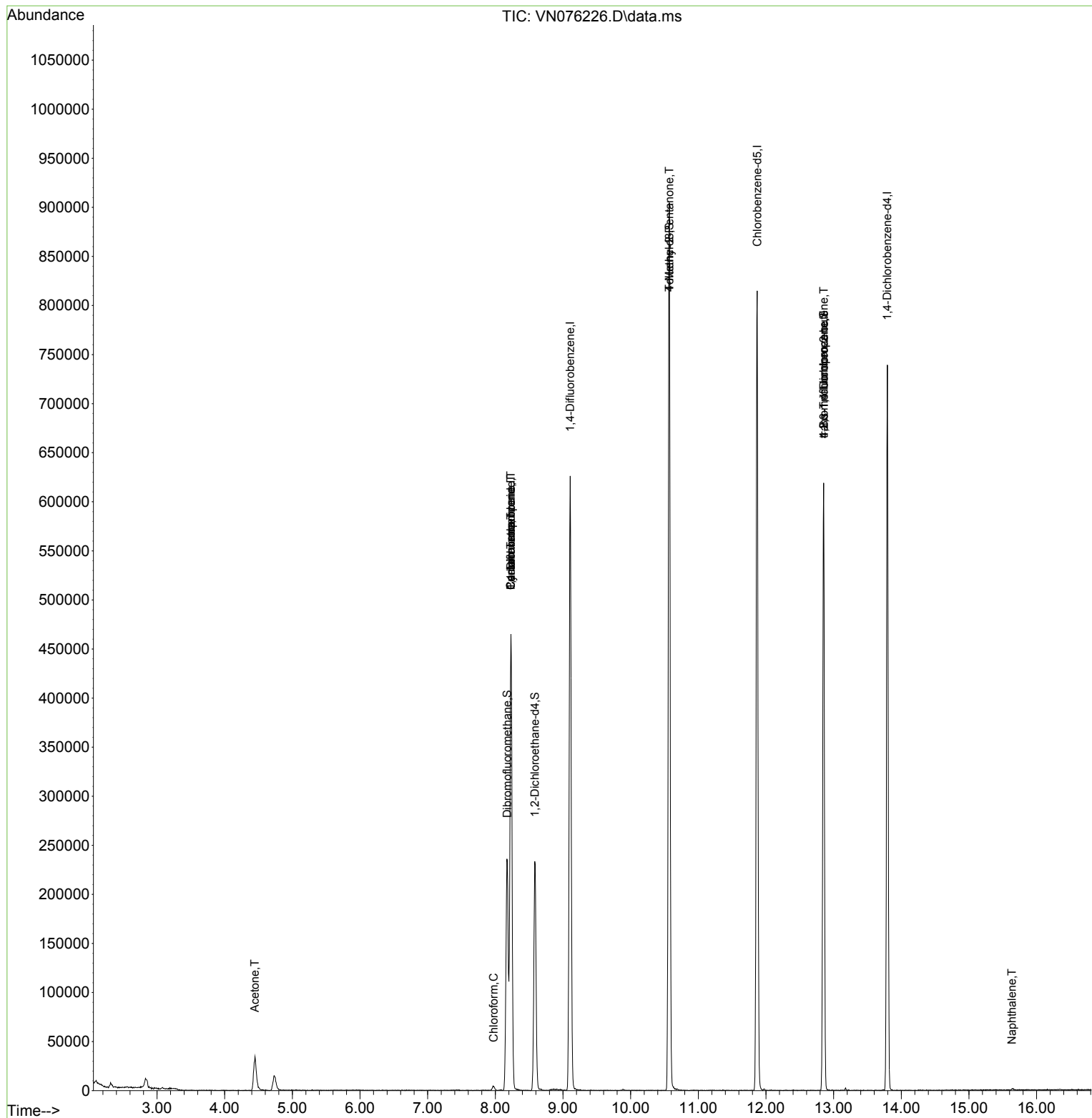
Internal Standards						
1) Pentafluorobenzene	8.230	168	357581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	497323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	192885	49.583	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.160%		
35) Dibromofluoromethane	8.177	113	169576	47.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.980%		
50) Toluene-d8	10.571	98	648150	49.057	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.853	95	204167	46.656	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.320%		
Target Compounds						
16) Acetone	4.448	43	63437	47.305	ug/l	93
20) Methylene Chloride	5.295	84	163	Below Cal	#	12
30) Chloroform	7.977	83	4639	0.686	ug/l	87
31) Cyclohexane	8.230	56	6666	1.196	ug/l	# 27
36) 1,1-Dichloropropene	8.230	75	26102	5.561	ug/l	# 49
38) Carbon Tetrachloride	8.230	117	35727	6.800	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.571	43	2335	0.621	ug/l	# 1
76) 1,2,3-Trichloropropane	12.853	75	105967	25.680	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.853	75	105967	92.436	ug/l	# 12
95) Naphthalene	15.635	128	1385	2.296	ug/l	# 80

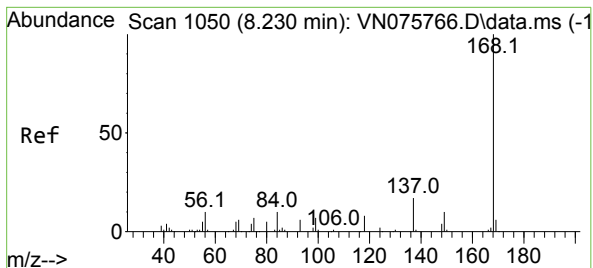
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076226.D

Acq: 12 Jan 2023 13:27

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MSVOA_N

ClientSampleId :

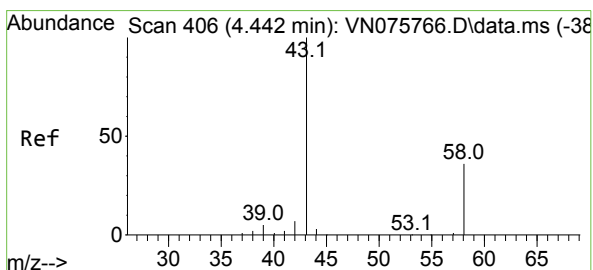
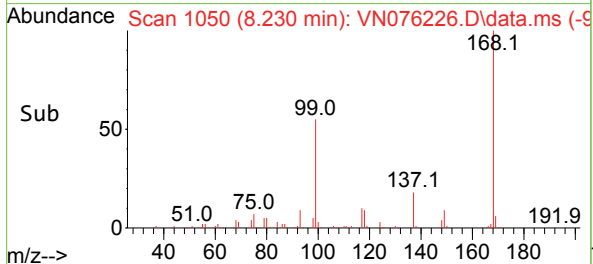
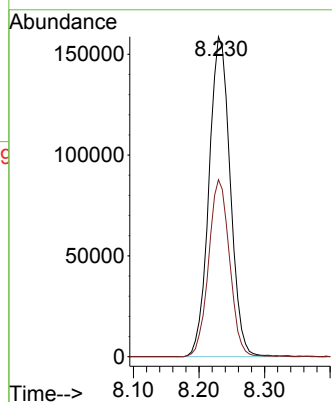
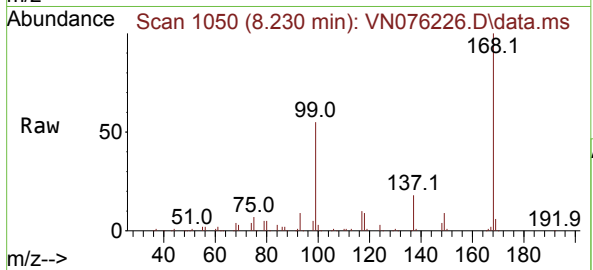
230111038-08-TRIP-BLANK

Tgt Ion:168 Resp: 357581

Ion Ratio Lower Upper

168 100

99 55.3 44.2 66.4



#16

Acetone

Concen: 47.305 ug/l

RT: 4.448 min Scan# 407

Delta R.T. 0.006 min

Lab File: VN076226.D

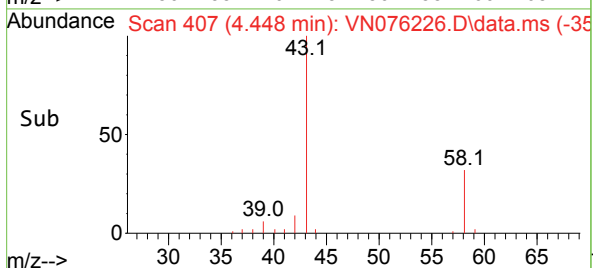
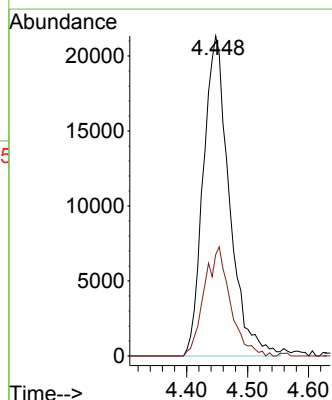
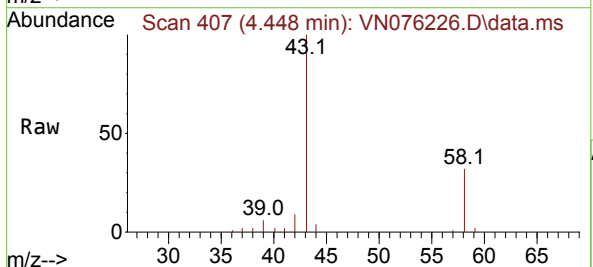
Acq: 12 Jan 2023 13:27

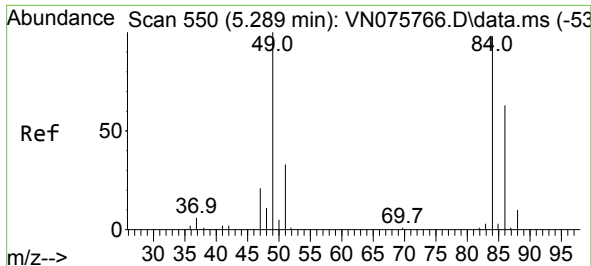
Tgt Ion: 43 Resp: 63437

Ion Ratio Lower Upper

43 100

58 31.7 28.6 43.0





#20

Methylene Chloride

Concen: Below Cal

RT: 5.295 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN076226.D

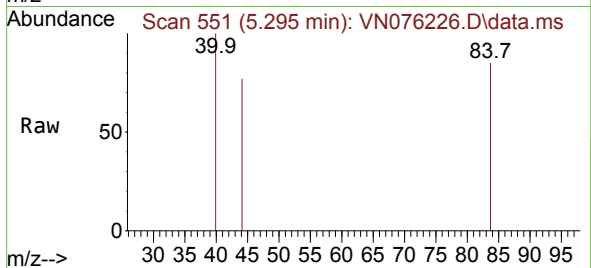
Acq: 12 Jan 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

230111038-08-TRIP-BLANK



Tgt Ion: 84 Resp: 163

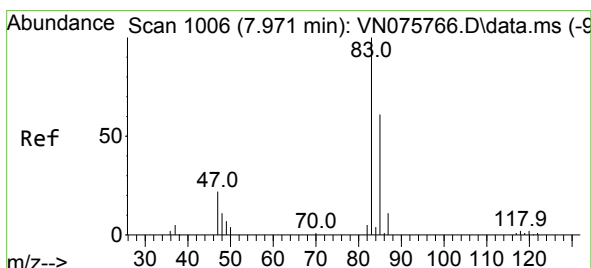
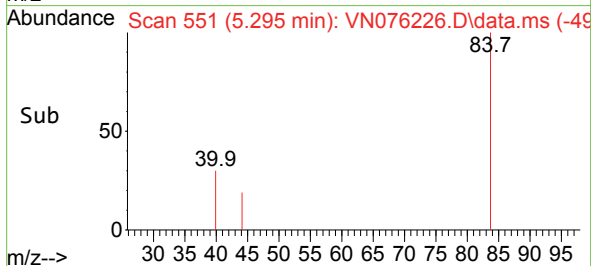
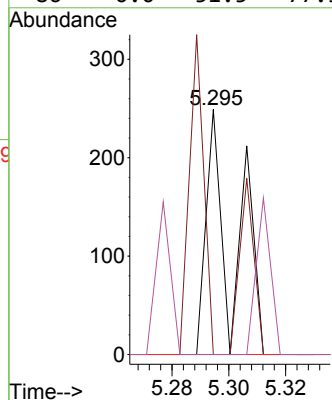
Ion Ratio Lower Upper

84 100

49 0.0 81.8 122.6#

51 0.0 26.7 40.1#

86 0.0 51.5 77.3#



#30

Chloroform

Concen: 0.686 ug/l

RT: 7.977 min Scan# 1007

Delta R.T. 0.006 min

Lab File: VN076226.D

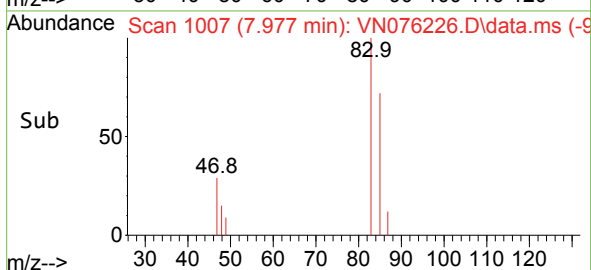
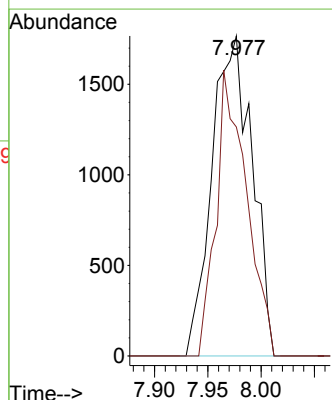
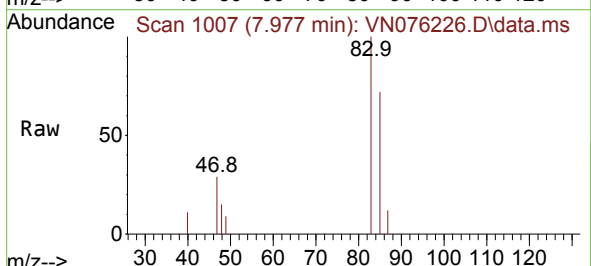
Acq: 12 Jan 2023 13:27

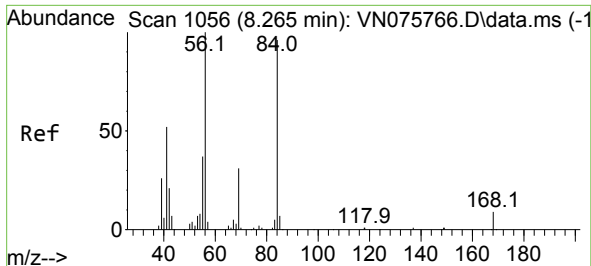
Tgt Ion: 83 Resp: 4639

Ion Ratio Lower Upper

83 100

85 71.5 49.1 73.7

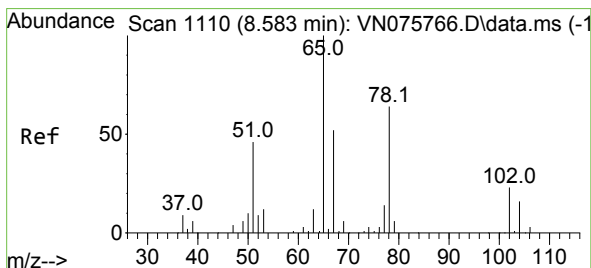
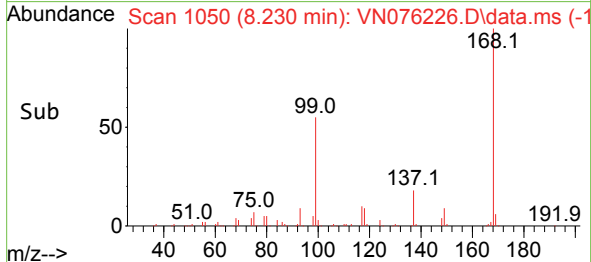
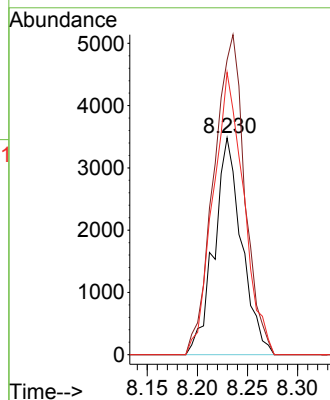
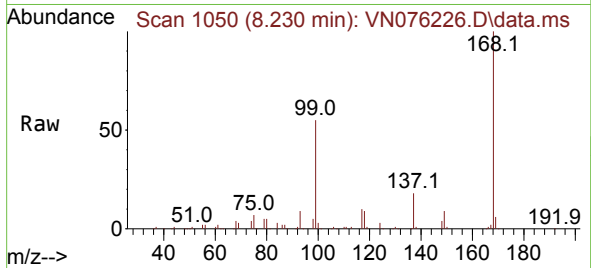




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 8.230 min Scan# 1056
Delta R.T. -0.035 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

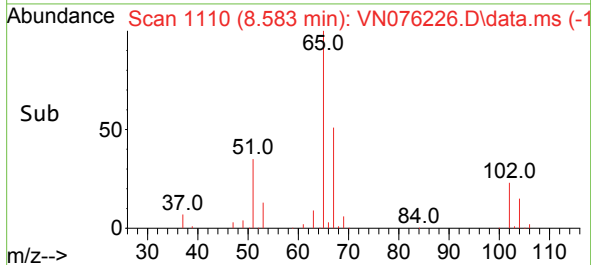
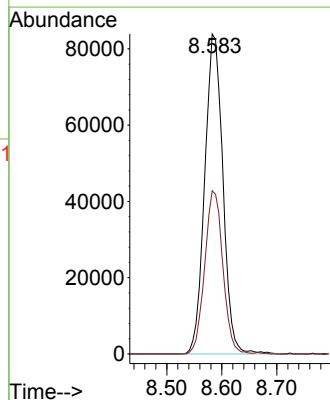
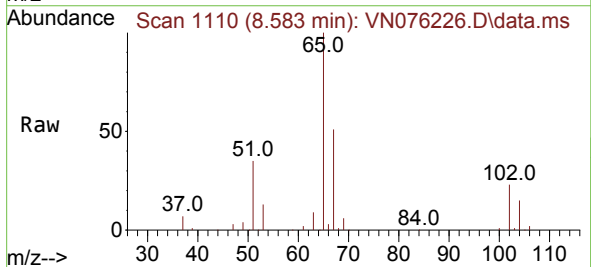
Instrument :
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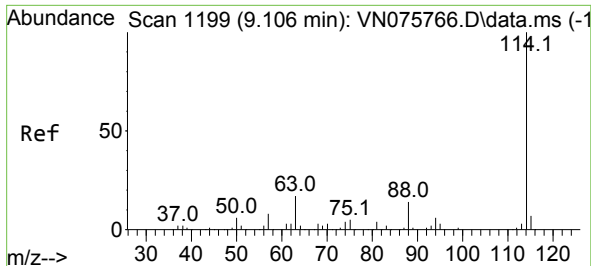
Tgt Ion: 56 Resp: 6666
Ion Ratio Lower Upper
56 100
69 135.9 24.7 37.1#
84 130.1 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 49.583 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

Tgt Ion: 65 Resp: 192885
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.4

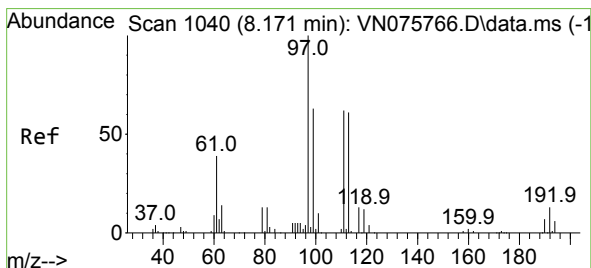
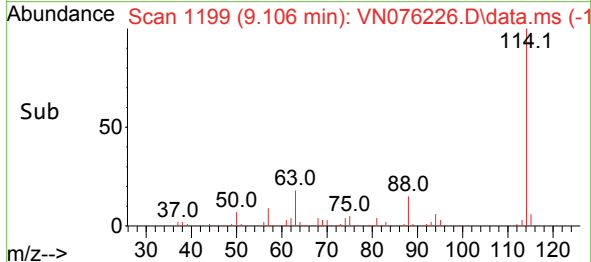
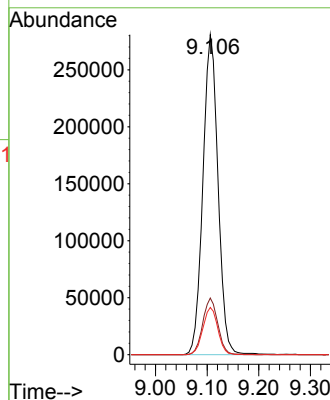
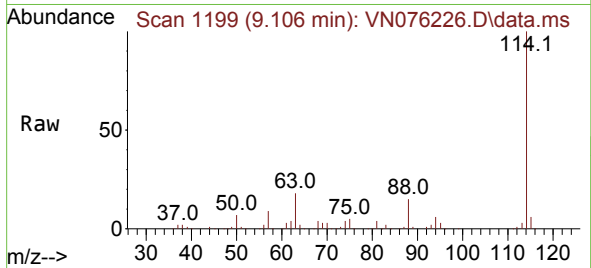




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

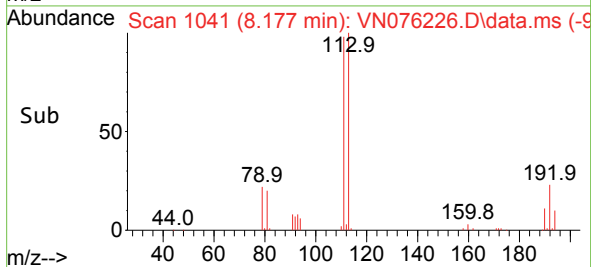
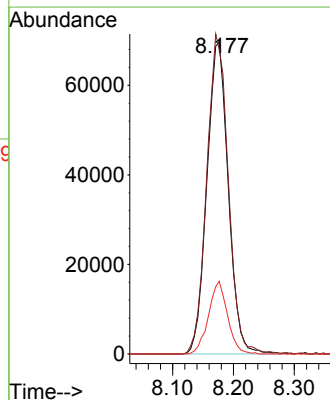
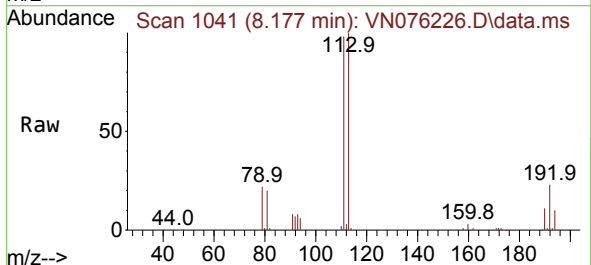
Instrument :
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ClientSampleId :
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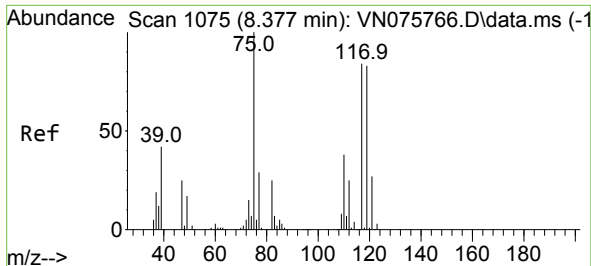
Tgt Ion:114 Resp: 570611
Ion Ratio Lower Upper
114 100
63 17.7 0.0 34.4
88 14.8 0.0 28.8



#35
Dibromofluoromethane
Concen: 47.988 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

Tgt Ion:113 Resp: 169576
Ion Ratio Lower Upper
113 100
111 103.5 83.4 125.2
192 20.9 16.1 24.1

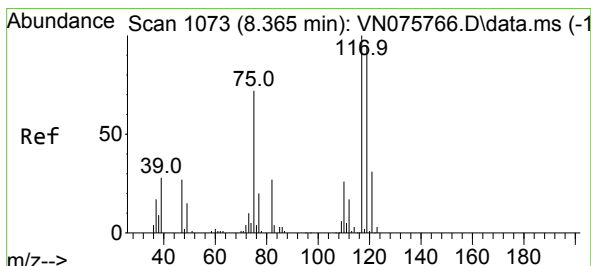
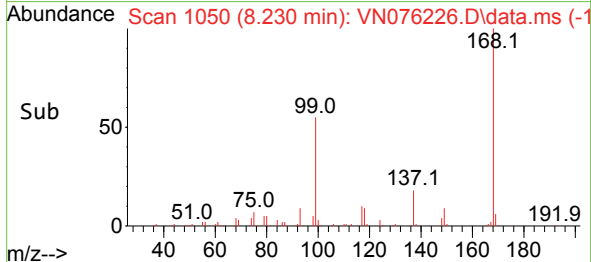
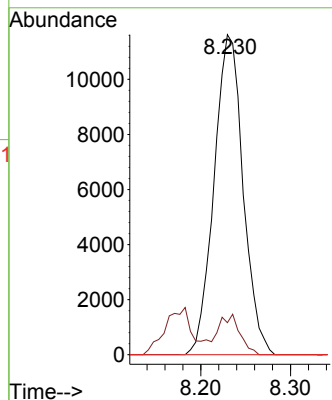
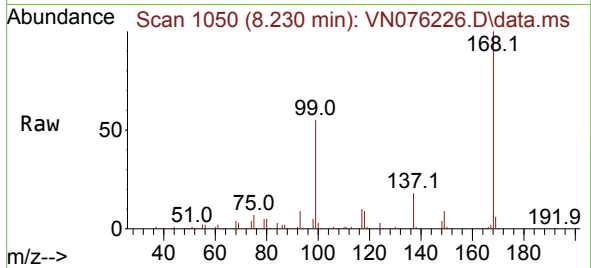




#36
1,1-Dichloropropene
Concen: 5.561 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

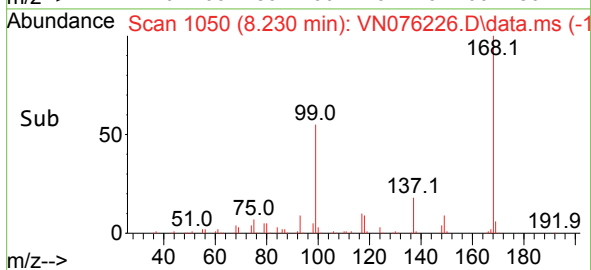
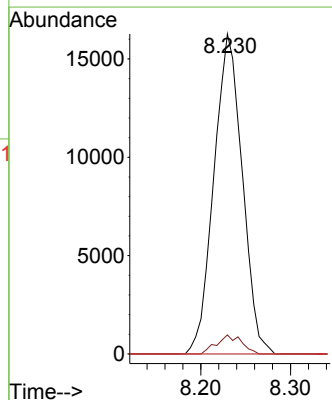
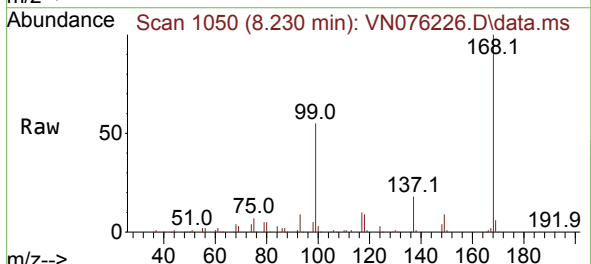
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ClientSampleId :
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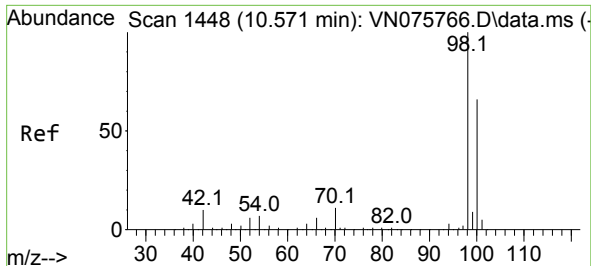
Tgt Ion: 75 Resp: 26102
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 24.1 36.1#



#38
Carbon Tetrachloride
Concen: 6.800 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

Tgt Ion: 117 Resp: 35727
Ion Ratio Lower Upper
117 100
119 6.0 76.1 114.1#
121 0.0 24.5 36.7#

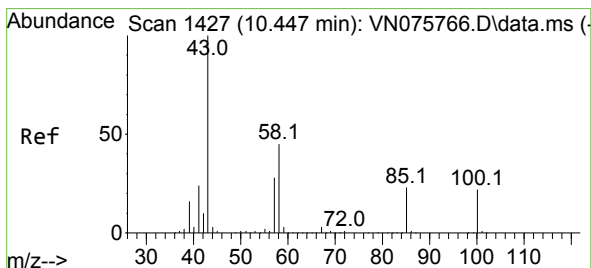
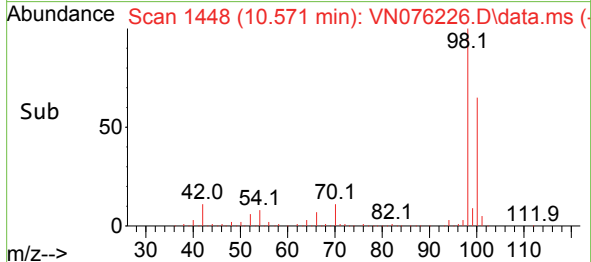
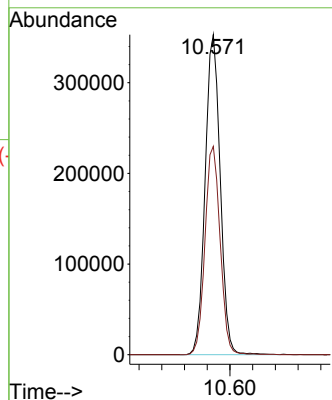
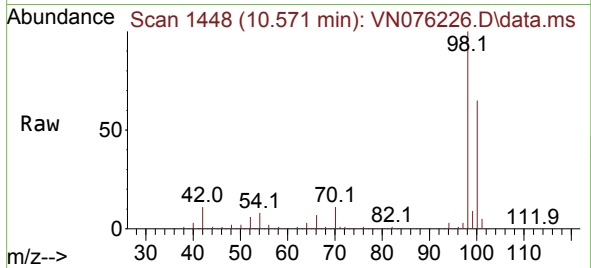




#50
Toluene-d8
Concen: 49.057 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

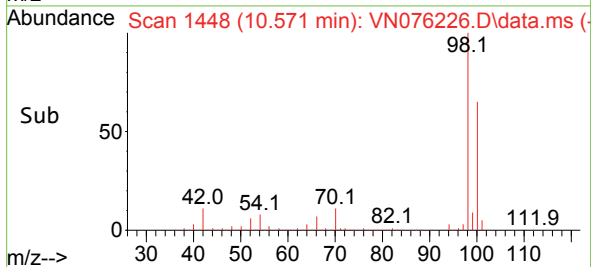
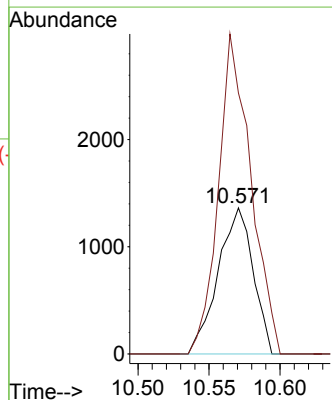
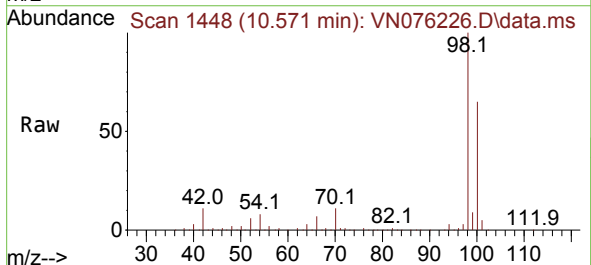
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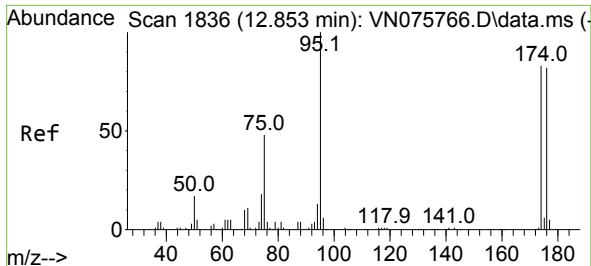
Tgt Ion: 98 Resp: 648150
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.621 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.124 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

Tgt Ion: 43 Resp: 2335
Ion Ratio Lower Upper
43 100
58 203.4 35.5 53.3#

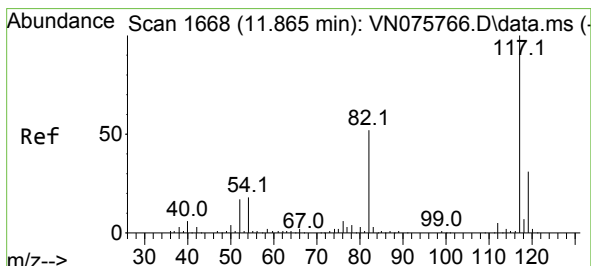
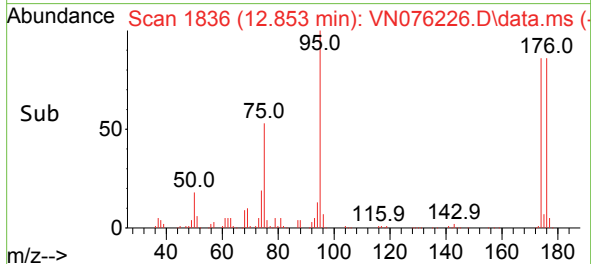
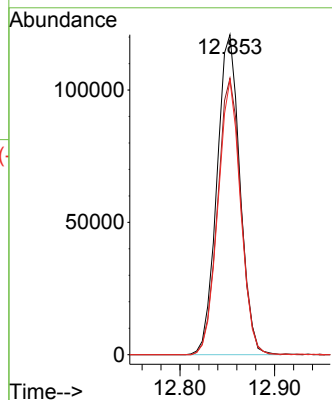
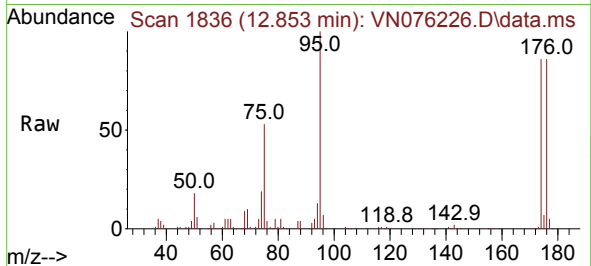




#62
4-Bromofluorobenzene
Concen: 46.656 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

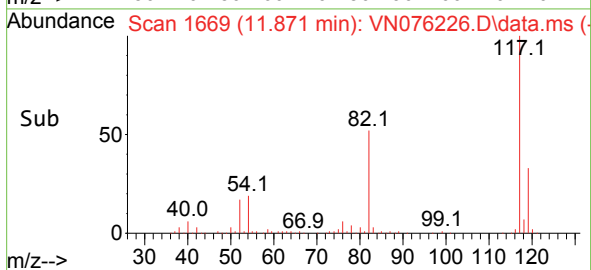
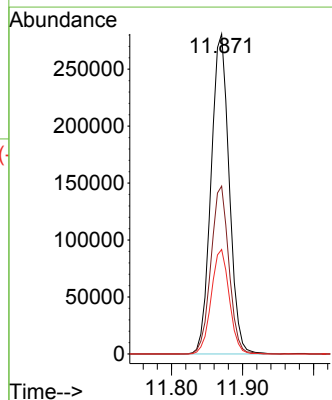
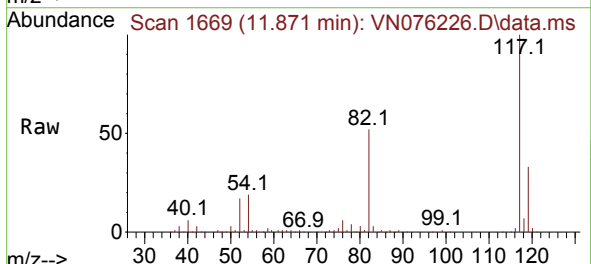
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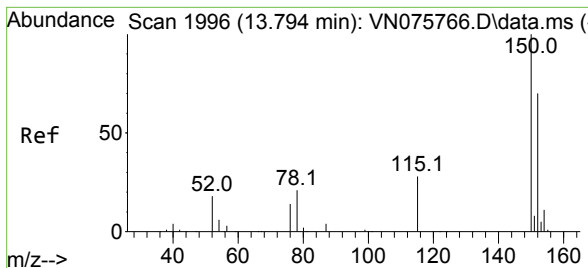
Tgt Ion: 95 Resp: 204167
Ion Ratio Lower Upper
95 100
174 87.6 0.0 171.6
176 84.1 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

Tgt Ion: 117 Resp: 497323
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.6 24.6 37.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN076226.D

Acq: 12 Jan 2023 13:27

Instrument :

MSVOA_N

ClientSampleId :

230111038-08-TRIP-BLANK

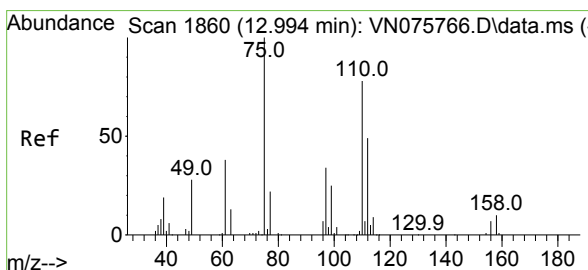
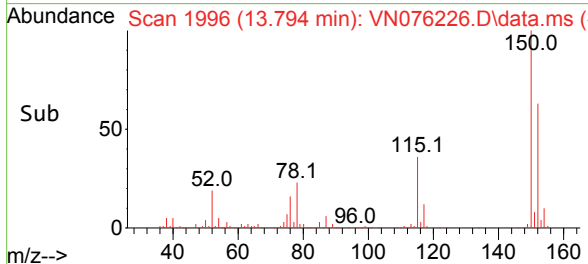
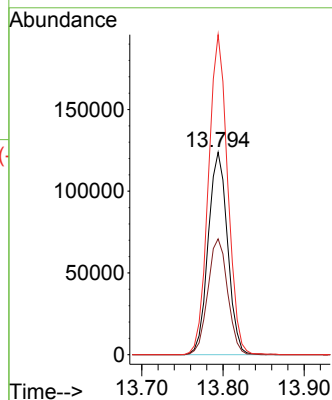
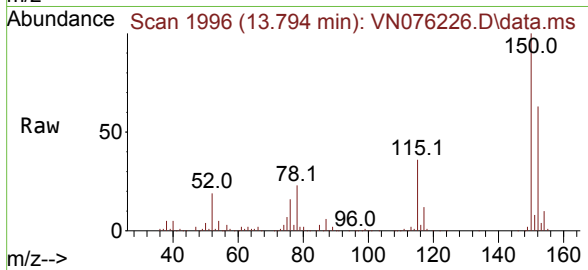
Tgt Ion:152 Resp: 204707

Ion Ratio Lower Upper

152 100

115 58.5 29.1 87.4

150 157.4 0.0 347.0



#76

1,2,3-Trichloropropane

Concen: 25.680 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076226.D

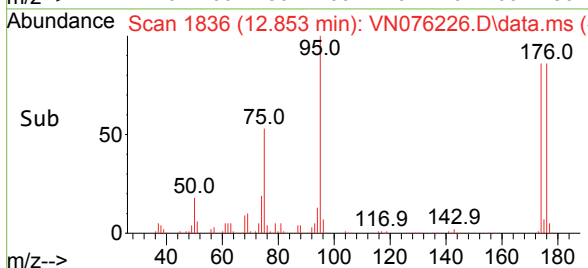
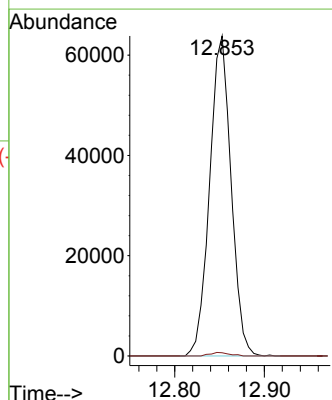
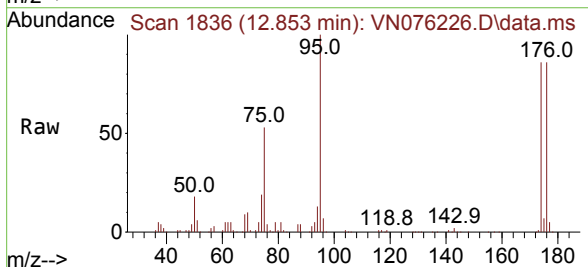
Acq: 12 Jan 2023 13:27

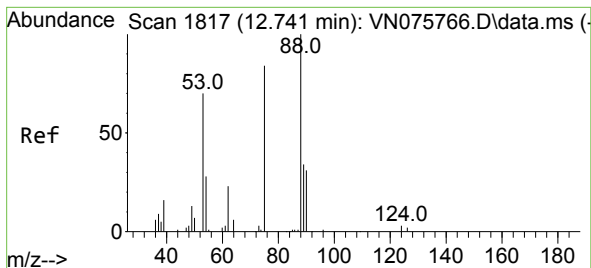
Tgt Ion: 75 Resp: 105967

Ion Ratio Lower Upper

75 100

77 1.0 82.6 247.8#

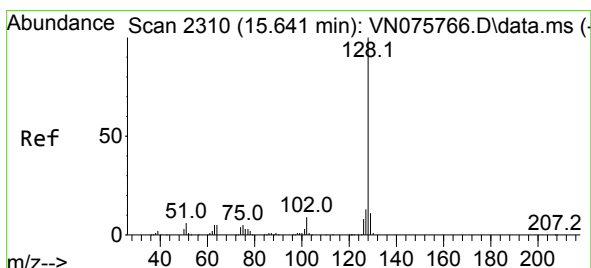
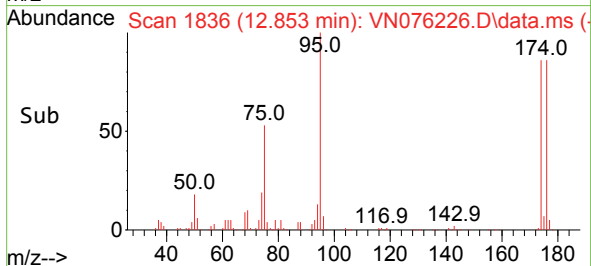
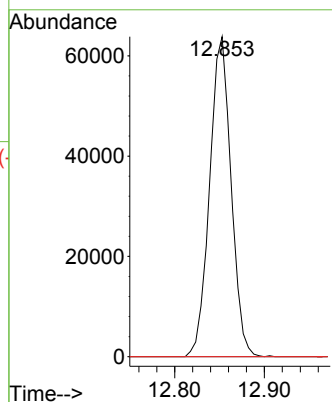
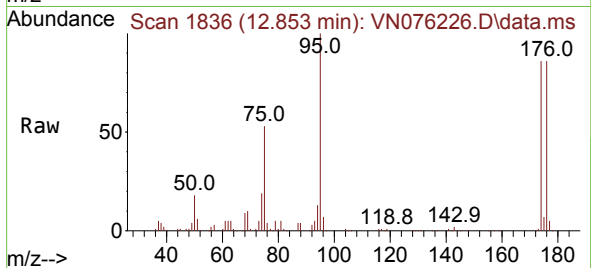




#81
trans-1,4-Dichloro-2-butene
Concen: 92.436 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

Instrument :
MSVOA_N
ClientSampleId :
230111038-08-TRIP-BLANK

Tgt Ion: 75 Resp: 105967
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 39.5 59.3#



#95
Naphthalene
Concen: 2.296 ug/l
RT: 15.635 min Scan# 2309
Delta R.T. -0.006 min
Lab File: VN076226.D
Acq: 12 Jan 2023 13:27

Tgt Ion:128 Resp: 1385
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 9.3 8.7 13.1

