

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076069.D
 Acq On : 03 Jan 2023 17:27
 Operator : JC\MD
 Sample : N6232-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Jan 04 04:20:42 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)

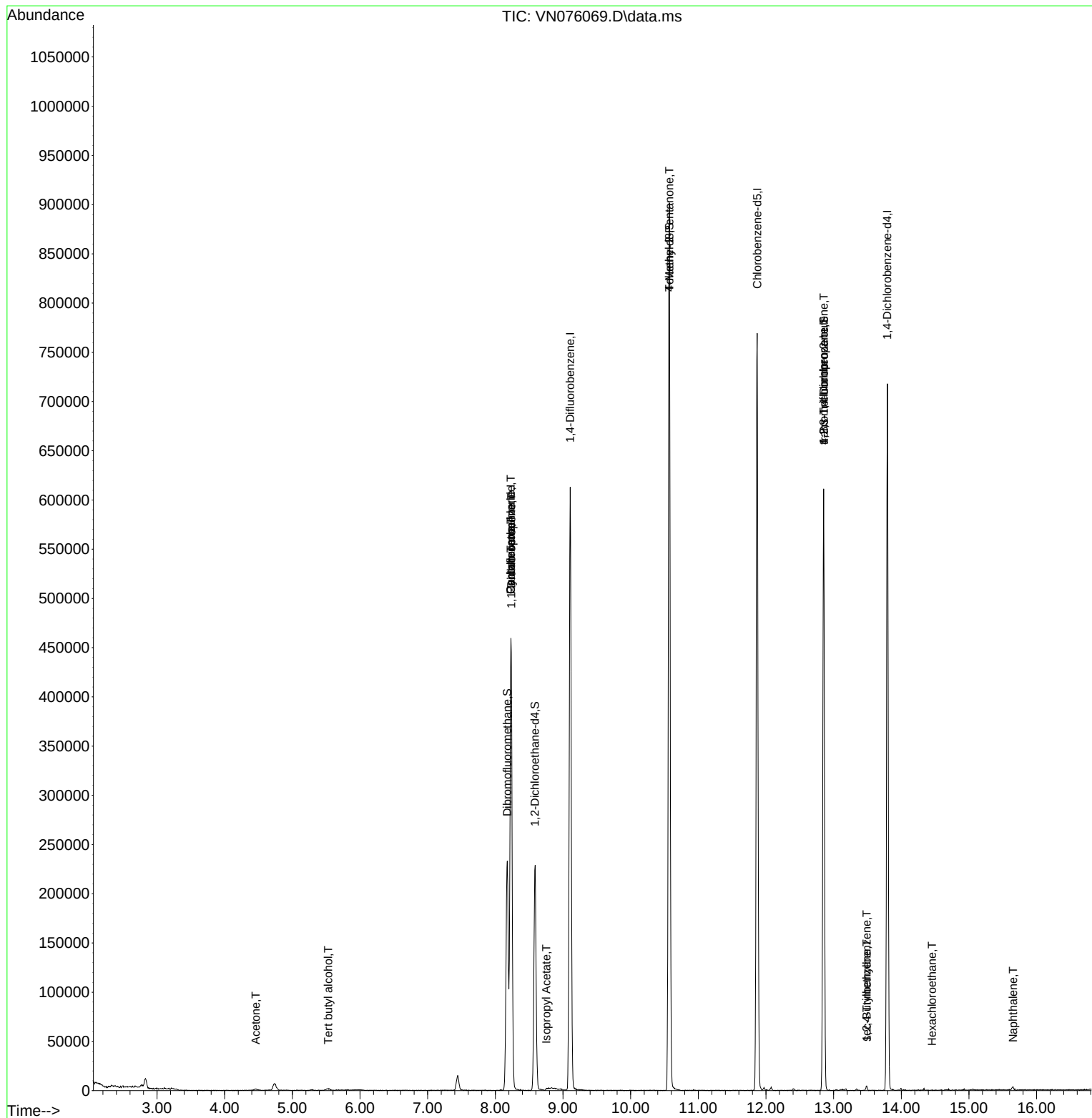
Internal Standards						
1) Pentafluorobenzene	8.230	168	360999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	557801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	479749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	184471	46.971	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.940%		
35) Dibromofluoromethane	8.177	113	165996	48.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.100%		
50) Toluene-d8	10.571	98	636275	49.264	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.520%		
62) 4-Bromofluorobenzene	12.853	95	198586	46.423	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.840%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.530	59	3058	5.503	ug/l #	72
16) Acetone	4.459	43	2795	2.065	ug/l	95
20) Methylene Chloride	5.300	84	288	Below Cal	#	42
31) Cyclohexane	8.230	56	6283	1.117	ug/l #	9
36) 1,1-Dichloropropene	8.236	75	25457	5.548	ug/l #	50
38) Carbon Tetrachloride	8.230	117	35312	6.876	ug/l #	16
43) Isopropyl Acetate	8.753	43	1401	0.230	ug/l #	50
51) 4-Methyl-2-Pentanone	10.571	43	2277	0.619	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	100476	25.050	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	100476	90.168	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.488	105	3052	0.256	ug/l	88
85) sec-Butylbenzene	13.488	105	3052	0.208	ug/l #	56
90) Hexachloroethane	14.453	117	467	0.214	ug/l #	11
95) Naphthalene	15.653	128	4036	2.534	ug/l #	92

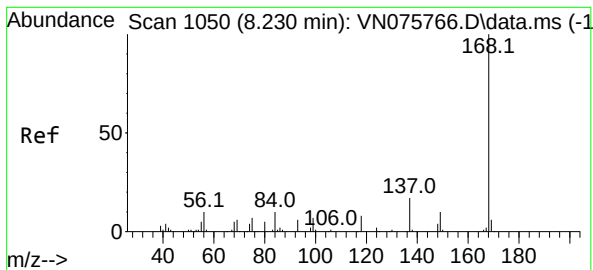
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
Data File : VN076069.D
Acq On : 03 Jan 2023 17:27
Operator : JC\MD
Sample : N6232-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Quant Time: Jan 04 04:20:42 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

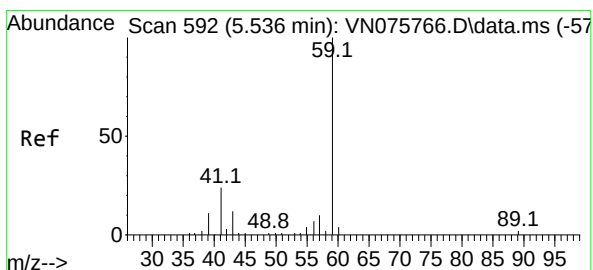
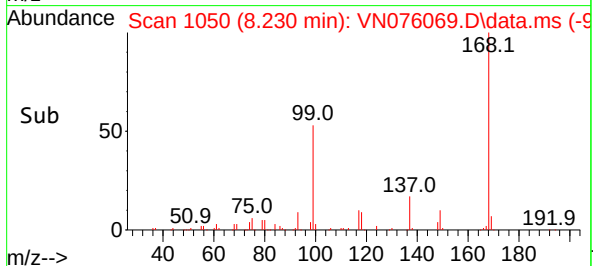
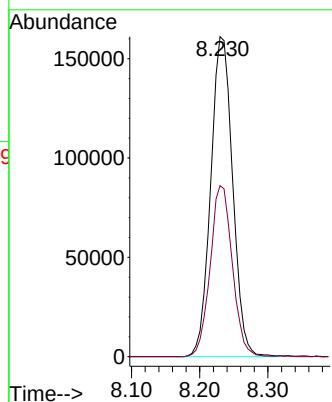
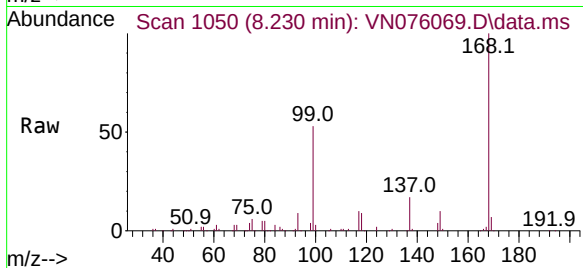




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

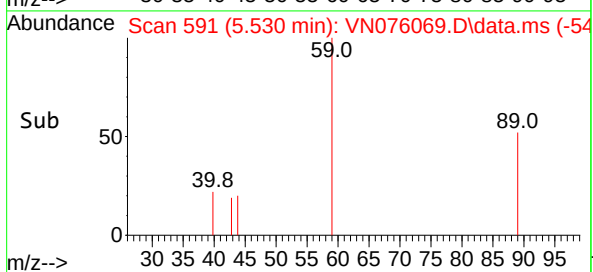
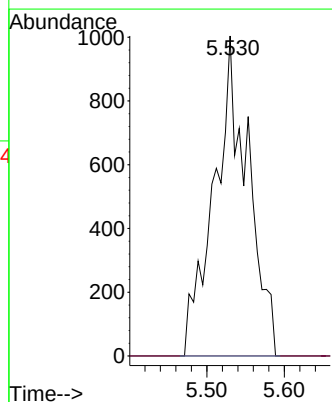
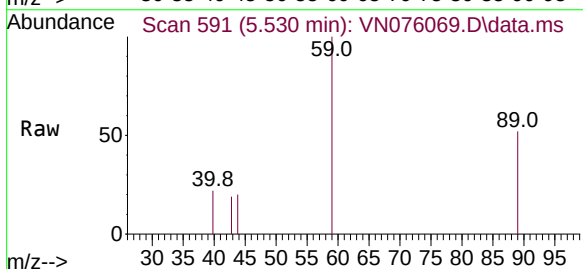
Instrument :
MSVOA_N
ClientSampleId :
MW-1

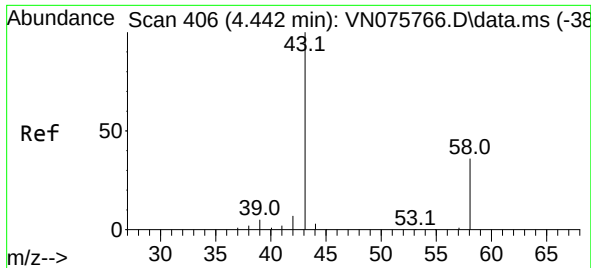
Tgt Ion:168 Resp: 360999
Ion Ratio Lower Upper
168 100
99 53.5 44.2 66.4



#11
Tert butyl alcohol
Concen: 5.503 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

Tgt Ion: 59 Resp: 3058
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

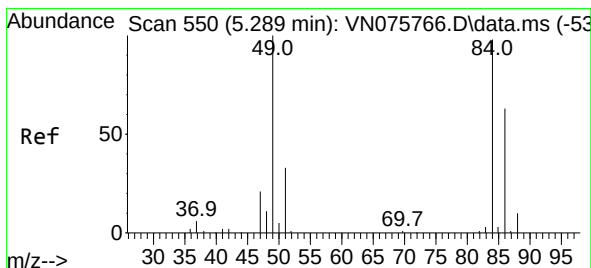
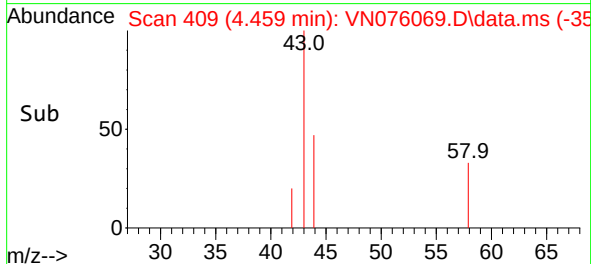
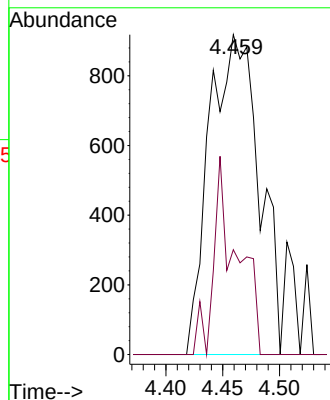
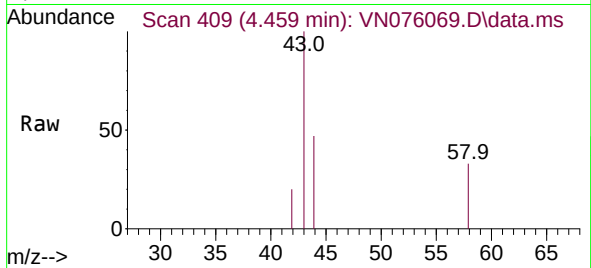




#16
Acetone
Concen: 2.065 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.018 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

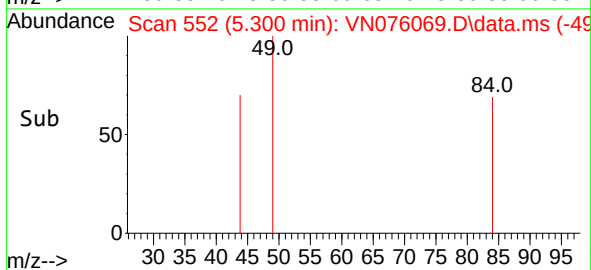
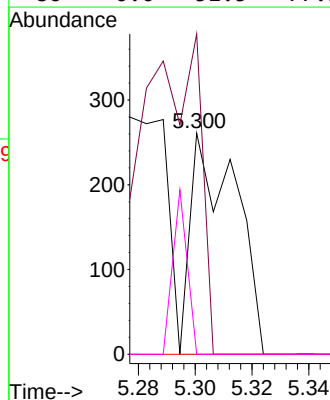
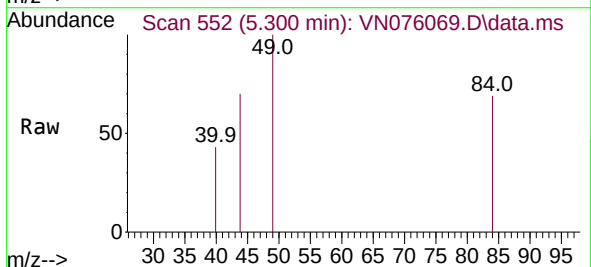
Instrument :
MSVOA_N
ClientSampleId :
MW-1

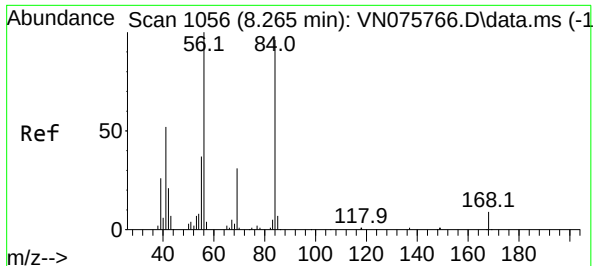
Tgt Ion: 43 Resp: 2795
Ion Ratio Lower Upper
43 100
58 32.8 28.6 43.0



#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 552
Delta R.T. 0.011 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

Tgt Ion: 84 Resp: 288
Ion Ratio Lower Upper
84 100
49 144.8 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#

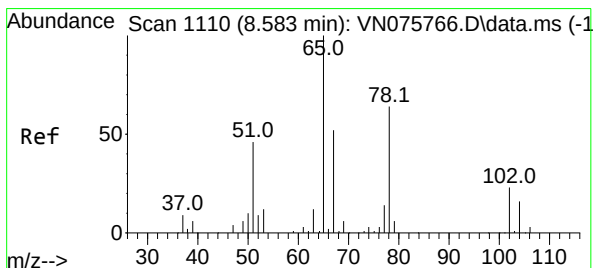
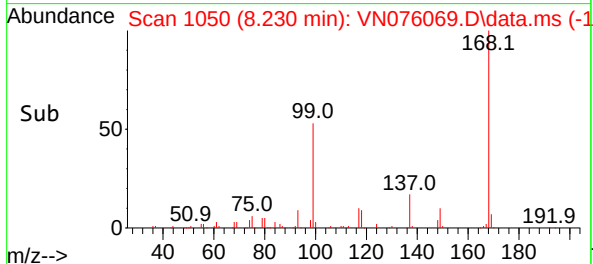
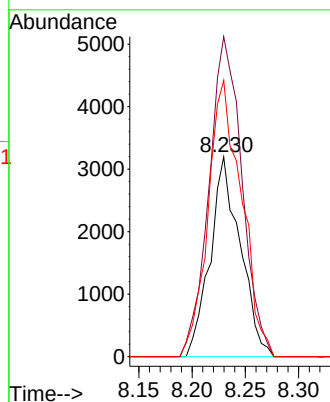
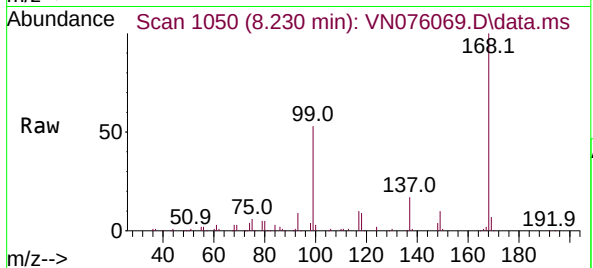




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.035 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

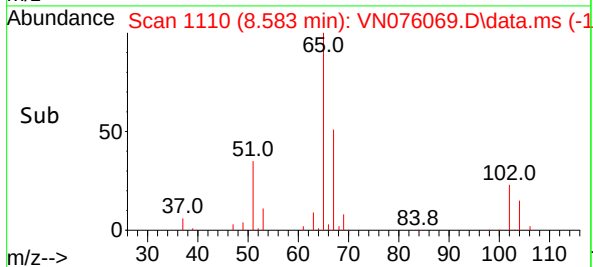
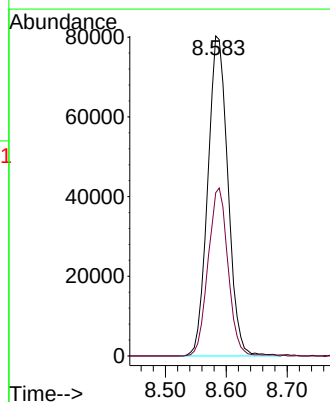
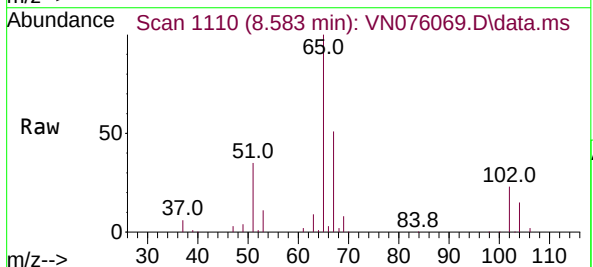
Instrument :
MSVOA_N
ClientSampleId :
MW-1

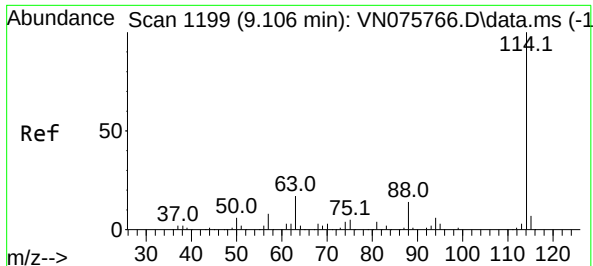
Tgt Ion: 56 Resp: 6283
Ion Ratio Lower Upper
56 100
69 160.3 24.7 37.1#
84 138.4 76.5 114.7#



#33
1,2-Dichloroethane-d4
Concen: 46.971 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

Tgt Ion: 65 Resp: 184471
Ion Ratio Lower Upper
65 100
67 52.0 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: VN076069.D

Acq: 03 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

MW-1

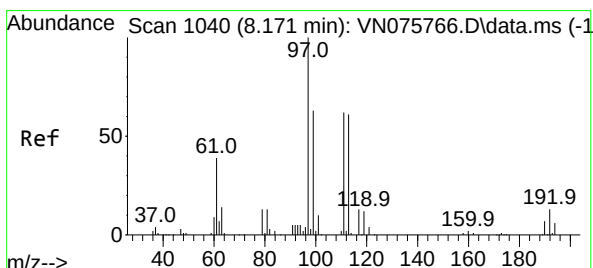
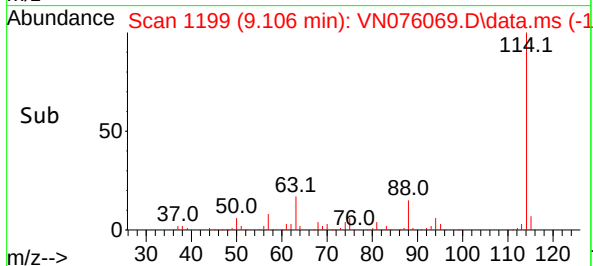
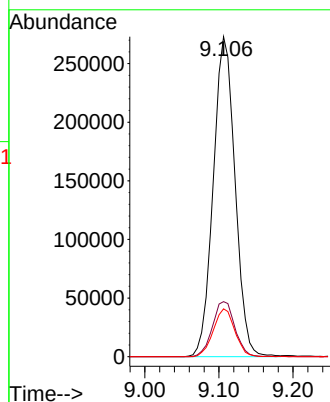
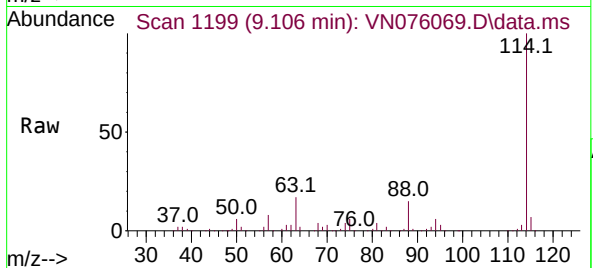
Tgt Ion:114 Resp: 557801

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 15.0 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.054 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076069.D

Acq: 03 Jan 2023 17:27

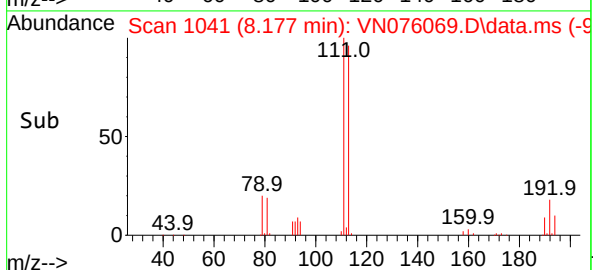
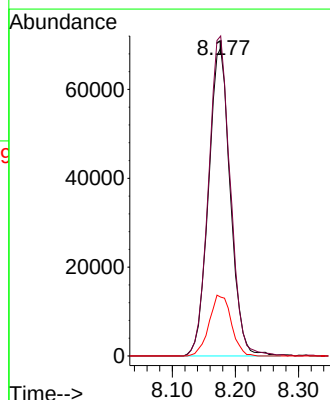
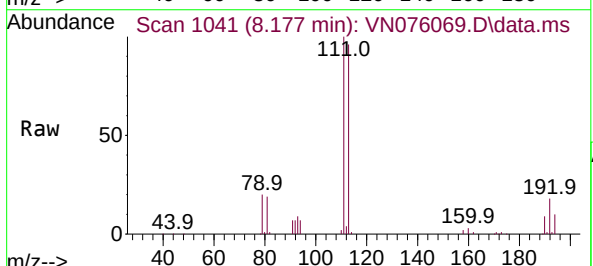
Tgt Ion:113 Resp: 165996

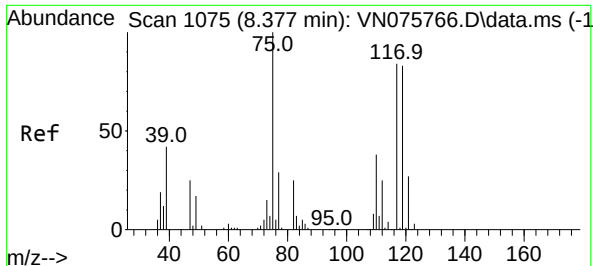
Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

192 20.0 16.1 24.1





#36

1,1-Dichloropropene

Concen: 5.548 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.141 min

Lab File: VN076069.D

Acq: 03 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

MW-1

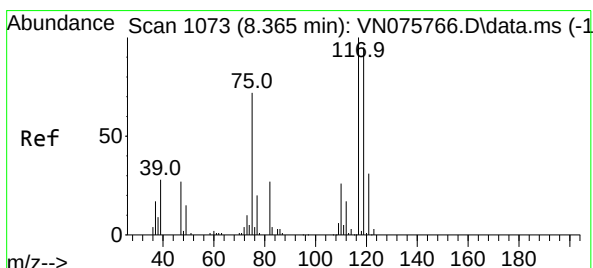
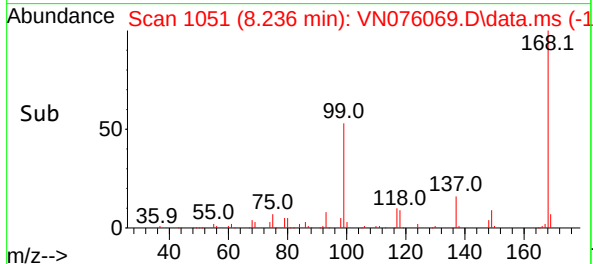
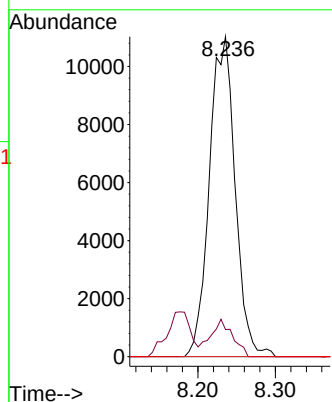
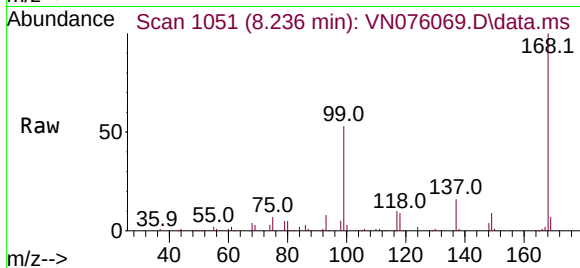
Tgt Ion: 75 Resp: 25457

Ion Ratio Lower Upper

75 100

110 10.0 18.8 56.4#

77 0.0 24.1 36.1#



#38

Carbon Tetrachloride

Concen: 6.876 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.135 min

Lab File: VN076069.D

Acq: 03 Jan 2023 17:27

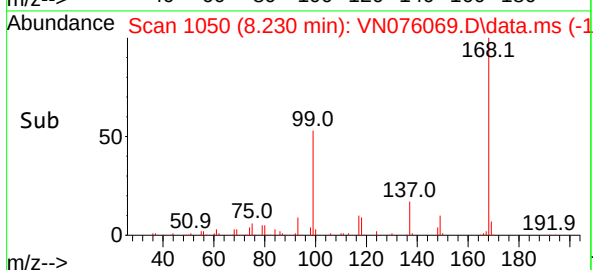
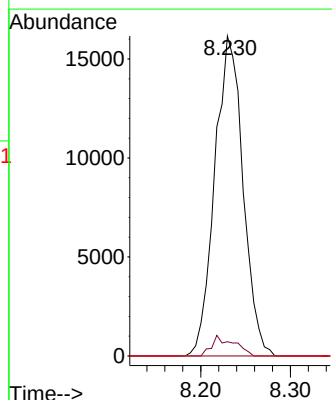
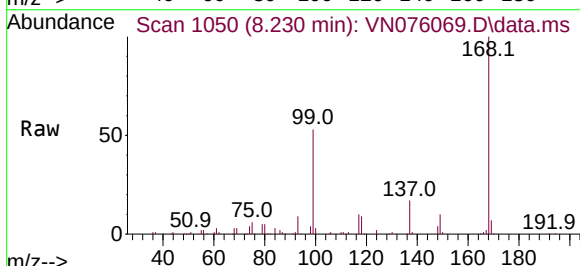
Tgt Ion: 117 Resp: 35312

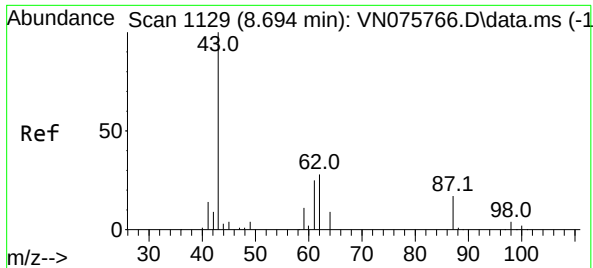
Ion Ratio Lower Upper

117 100

119 4.5 76.1 114.1#

121 0.0 24.5 36.7#

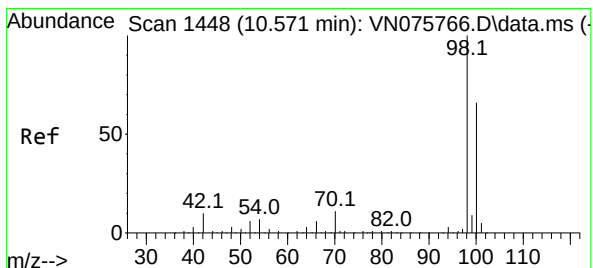
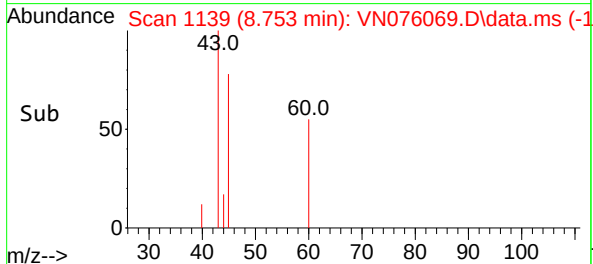
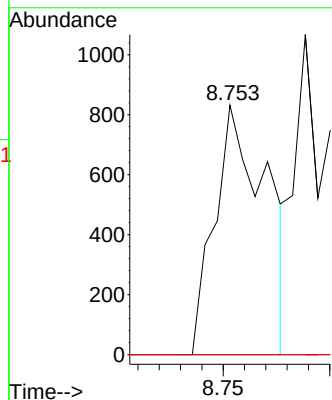
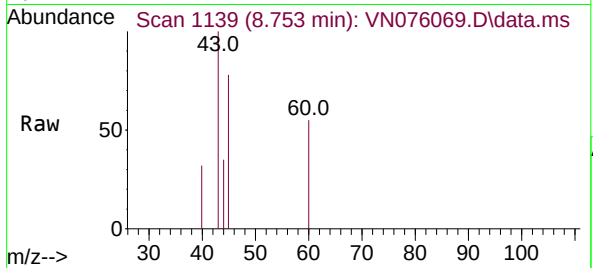




#43
Isopropyl Acetate
Concen: 0.230 ug/l
RT: 8.753 min Scan# 1129
Delta R.T. 0.059 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

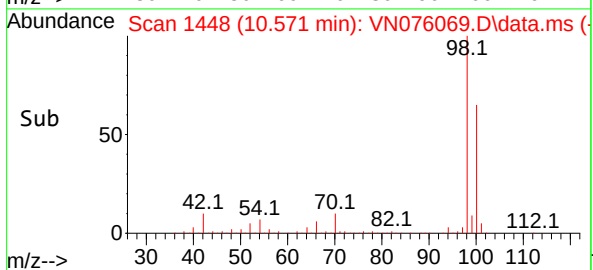
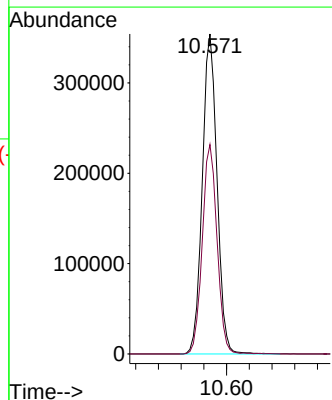
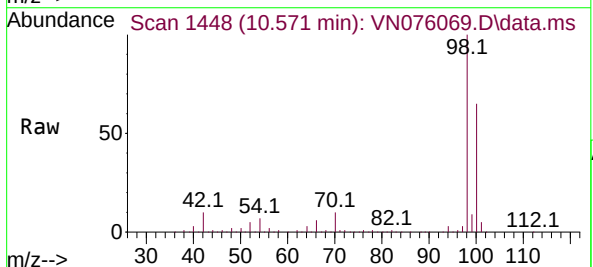
Instrument :
MSVOA_N
ClientSampleId :
MW-1

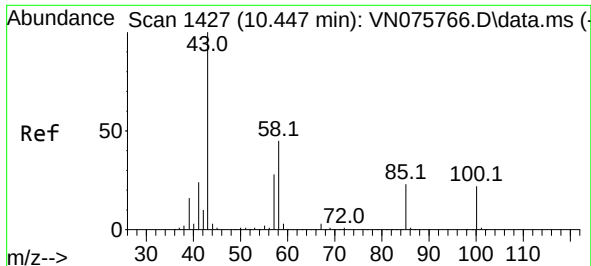
Tgt Ion: 43 Resp: 1401
Ion Ratio Lower Upper
43 100
61 0.0 24.2 36.4#
87 0.0 13.3 19.9#



#50
Toluene-d8
Concen: 49.264 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

Tgt Ion: 98 Resp: 636275
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1

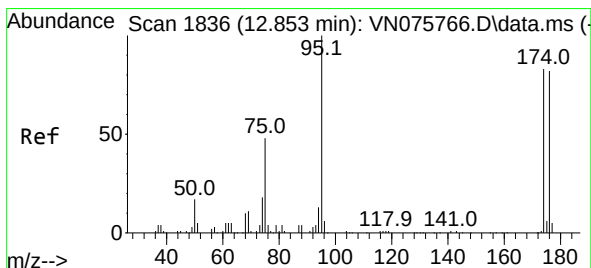
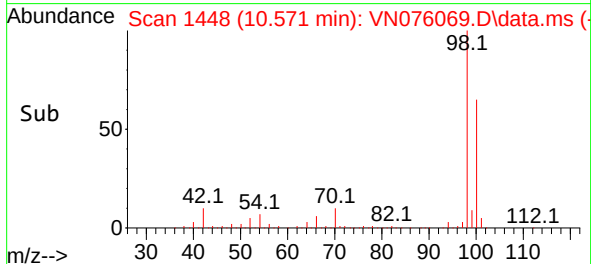
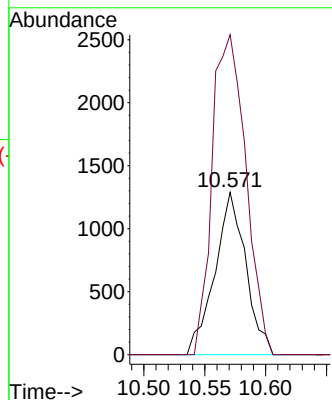
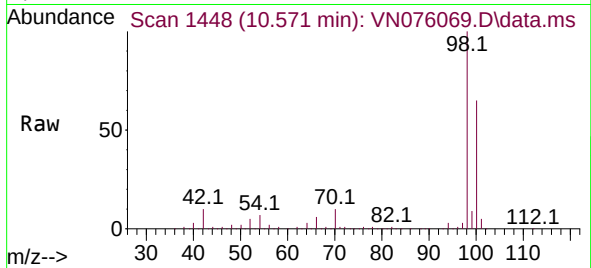




#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 10.571 min Scan# 1427
Delta R.T. 0.124 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

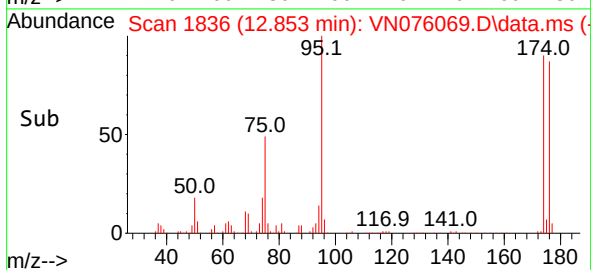
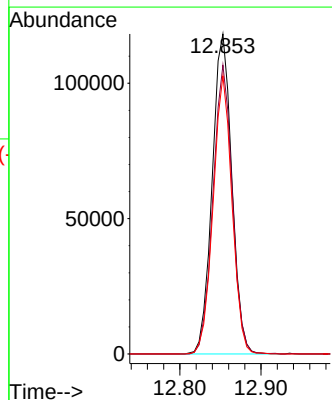
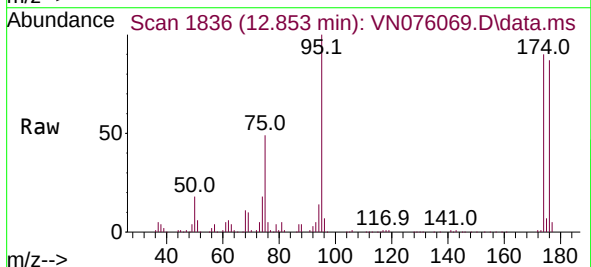
Instrument :
MSVOA_N
ClientSampleId :
MW-1

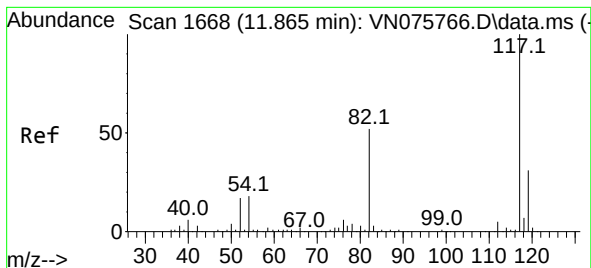
Tgt Ion: 43 Resp: 2277
Ion Ratio Lower Upper
43 100
58 214.3 35.5 53.3#



#62
4-Bromofluorobenzene
Concen: 46.423 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

Tgt Ion: 95 Resp: 198586
Ion Ratio Lower Upper
95 100
174 88.9 0.0 171.6
176 83.7 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076069.D

Acq: 03 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

MW-1

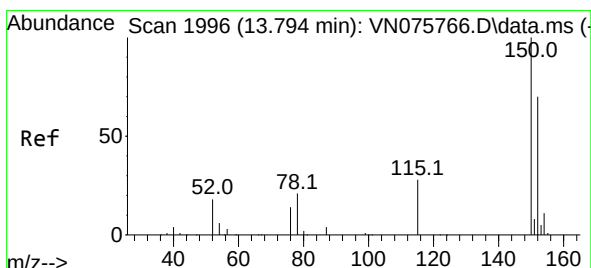
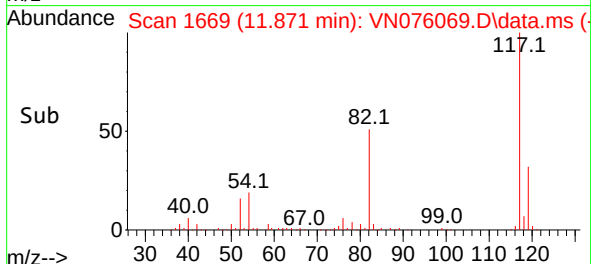
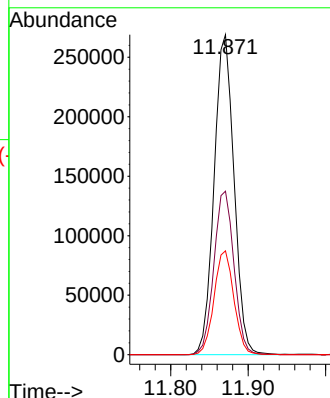
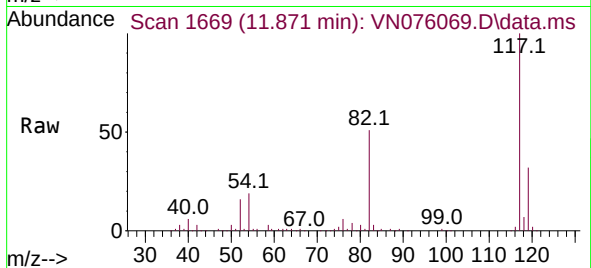
Tgt Ion:117 Resp: 479749

Ion Ratio Lower Upper

117 100

82 51.1 41.3 61.9

119 32.5 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: VN076069.D

Acq: 03 Jan 2023 17:27

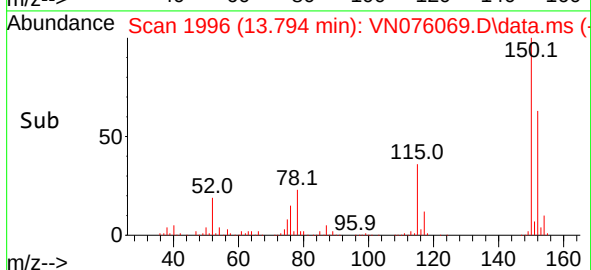
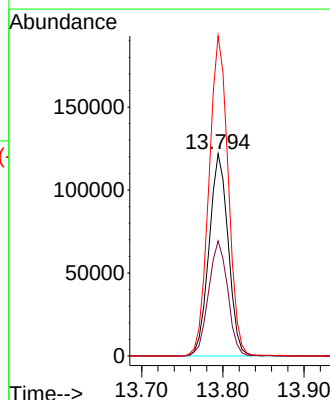
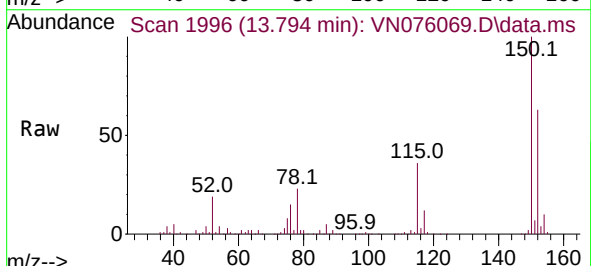
Tgt Ion:152 Resp: 198981

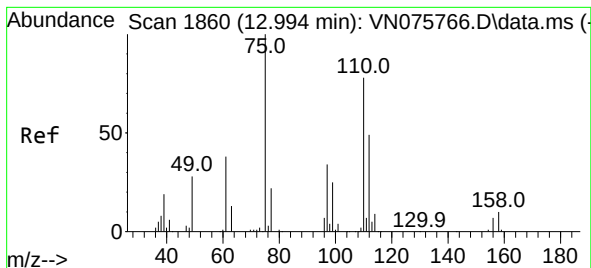
Ion Ratio Lower Upper

152 100

115 57.0 29.1 87.4

150 159.2 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 25.050 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076069.D

Acq: 03 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

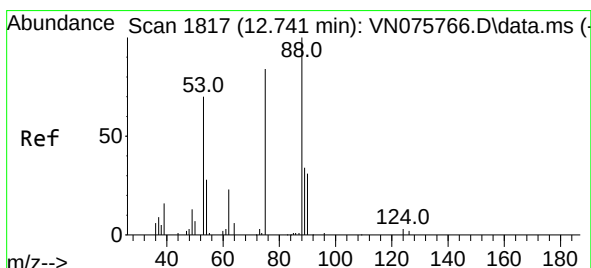
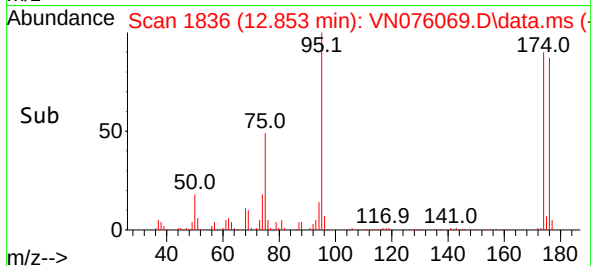
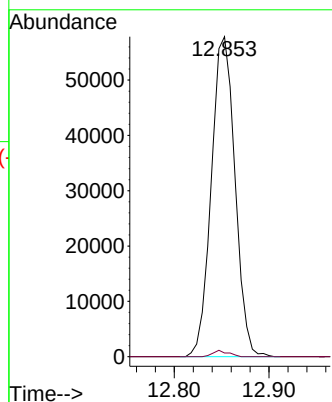
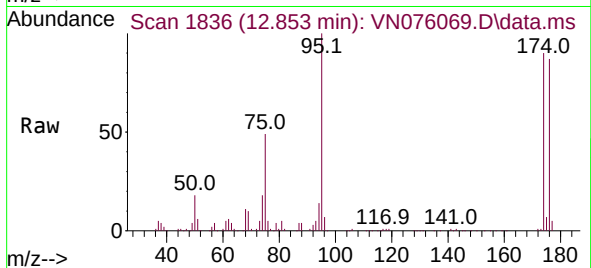
MW-1

Tgt Ion: 75 Resp: 100476

Ion Ratio Lower Upper

75 100

77 1.3 82.6 247.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.168 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076069.D

Acq: 03 Jan 2023 17:27

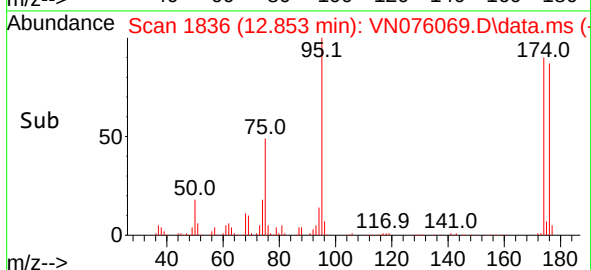
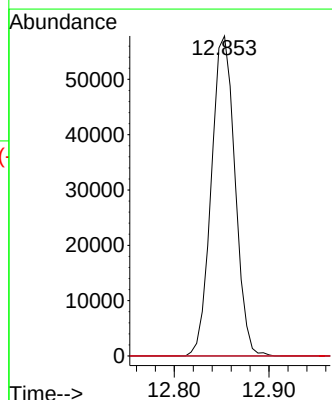
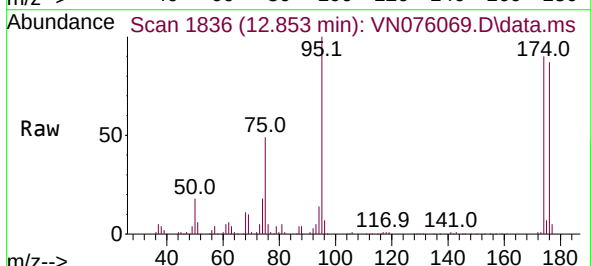
Tgt Ion: 75 Resp: 100476

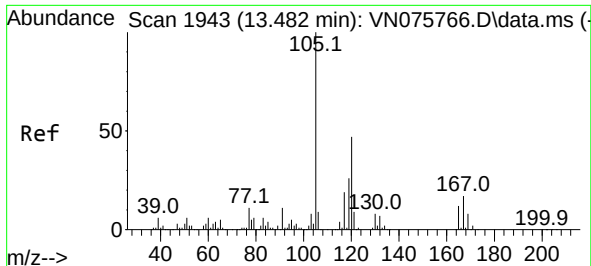
Ion Ratio Lower Upper

75 100

53 0.0 73.8 110.6#

89 0.0 39.5 59.3#

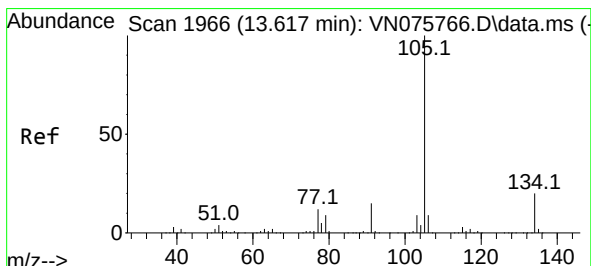
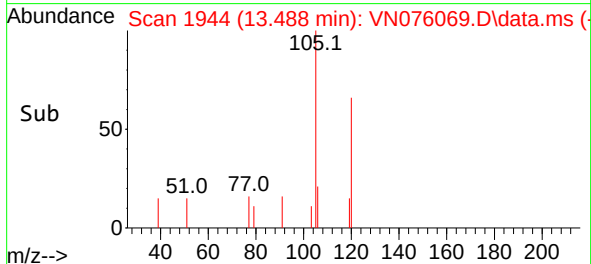
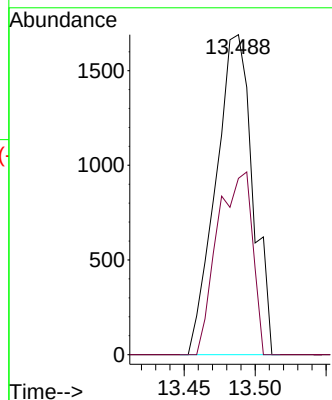
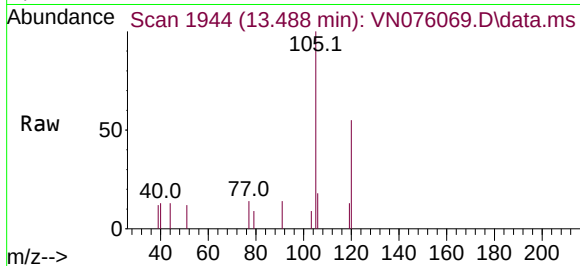




#84
1,2,4-Trimethylbenzene
Concen: 0.256 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

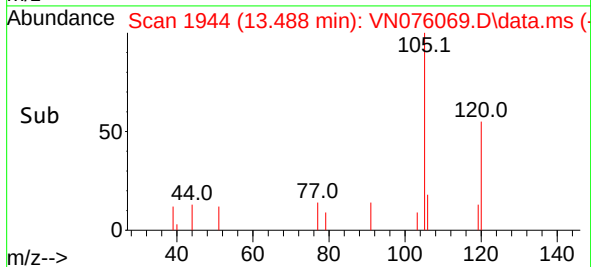
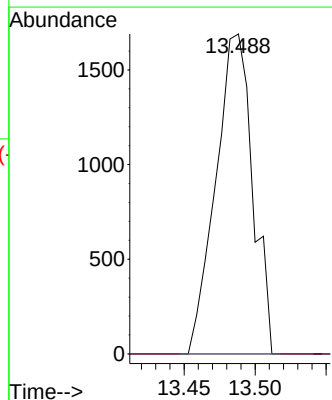
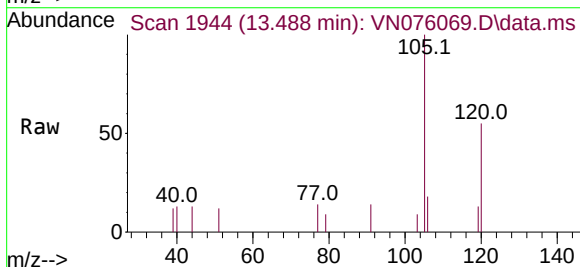
Instrument :
MSVOA_N
ClientSampleId :
MW-1

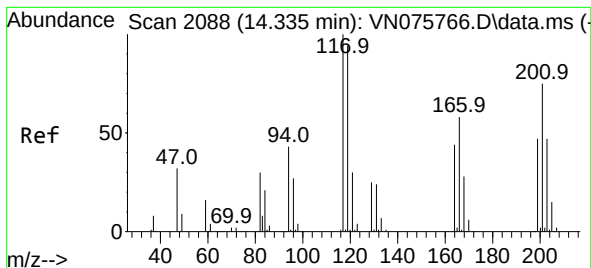
Tgt Ion:105 Resp: 3052
Ion Ratio Lower Upper
105 100
120 54.3 23.3 69.8



#85
sec-Butylbenzene
Concen: 0.208 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. -0.129 min
Lab File: VN076069.D
Acq: 03 Jan 2023 17:27

Tgt Ion:105 Resp: 3052
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.1#





#90

Hexachloroethane

Concen: 0.214 ug/l

RT: 14.453 min Scan# 2108

Delta R.T. 0.118 min

Lab File: VN076069.D

Acq: 03 Jan 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

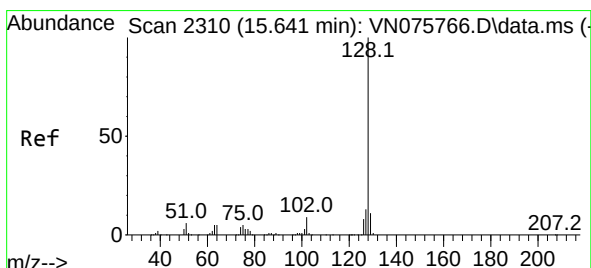
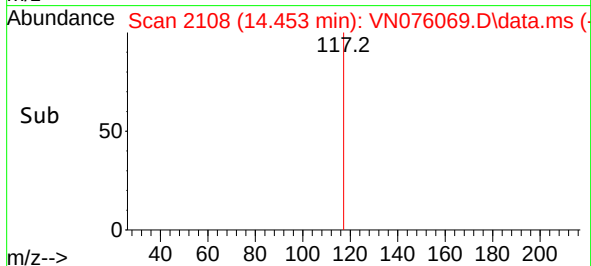
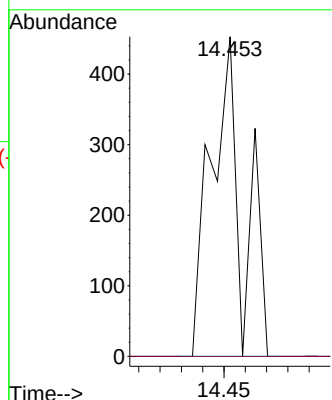
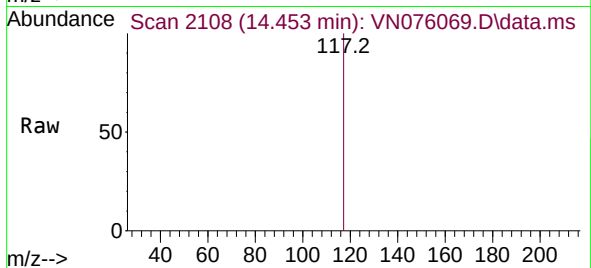
MW-1

Tgt Ion:117 Resp: 467

Ion Ratio Lower Upper

117 100

201 0.0 38.0 114.1#



#95

Naphthalene

Concen: 2.534 ug/l

RT: 15.653 min Scan# 2312

Delta R.T. 0.012 min

Lab File: VN076069.D

Acq: 03 Jan 2023 17:27

Tgt Ion:128 Resp: 4036

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 4.6 8.7 13.1#

