

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074309.D
 Acq On : 03 Sep 2022 01:03
 Operator : JC\MD
 Sample : N4355-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

Quant Time: Sep 03 04:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	290474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	538297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	504533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	239808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	207976	45.931	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.860%
35) Dibromofluoromethane	7.951	113	173003	48.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.000%
50) Toluene-d8	10.380	98	625024	44.437	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.880%
62) 4-Bromofluorobenzene	12.668	95	231419	45.250	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%
Target Compounds						
					Qvalue	
6) Chloroethane	3.081	64	1696	0.292	ug/l #	65
11) Tert butyl alcohol	5.275	59	244400	297.512	ug/l	99
13) Acrolein	3.934	56	1217	2.201	ug/l #	1
15) Acrylonitrile	5.504	53	1120	0.496	ug/l #	16
16) Acetone	4.240	43	4479	2.367	ug/l #	81
19) Methyl tert-butyl Ether	5.528	73	225778	19.922	ug/l	97
20) Methylene Chloride	5.022	84	606	Below Cal	#	36
22) Diisopropyl ether	6.404	45	41722	3.865	ug/l	92
23) Vinyl Acetate	6.416	43	24088	2.567	ug/l #	68
28) Bromochloromethane	7.769	49	82	0.285	ug/l #	8
29) Tetrahydrofuran	7.622	42	702	0.344	ug/l #	70
31) Cyclohexane	8.028	56	31975	5.287	ug/l #	89
36) 1,1-Dichloropropene	8.016	75	25484	5.034	ug/l #	50
38) Carbon Tetrachloride	8.016	117	30647	5.992	ug/l #	17
39) Methylcyclohexane	9.386	83	7138	1.170	ug/l #	88
40) Benzene	8.392	78	2843355	178.033	ug/l	100
42) 1,2-Dichloroethane	8.392	62	26162	4.404	ug/l	74
43) Isopropyl Acetate	8.469	43	7109	0.739	ug/l #	53
52) Toluene	10.445	92	6856	0.695	ug/l	98
55) 1,1,2-Trichloroethane	10.816	97	1254	0.296	ug/l #	16
59) 2-Hexanone	10.892	43	6909	1.356	ug/l	73
67) Ethyl Benzene	11.786	91	145464	7.155	ug/l	100
68) m/p-Xylenes	11.904	106	8988	1.184	ug/l	87
69) o-Xylene	12.221	106	1858	0.245	ug/l	76
71) Bromoform	12.663	173	905	0.305	ug/l #	1
73) Isopropylbenzene	12.516	105	42635	2.030	ug/l	98
76) 1,2,3-Trichloropropane	12.668	75	135981	20.021	ug/l #	1
78) n-propylbenzene	12.857	91	39341	1.639	ug/l	94
80) 1,3,5-Trimethylbenzene	13.157	105	19532	1.160	ug/l	67
81) trans-1,4-Dichloro-2-b...	12.668	75	135981	64.994	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.304	105	19697	1.155	ug/l	94
85) sec-Butylbenzene	13.439	105	6869	0.322	ug/l #	56
86) p-Isopropyltoluene	13.710	119	4180	0.252	ug/l	87
88) 1,4-Dichlorobenzene	13.621	146	574	0.233	ug/l #	1
90) Hexachloroethane	14.210	117	12375	3.828	ug/l #	9
93) 1,2,4-Trichlorobenzene	15.186	180	73	0.871	ug/l #	1

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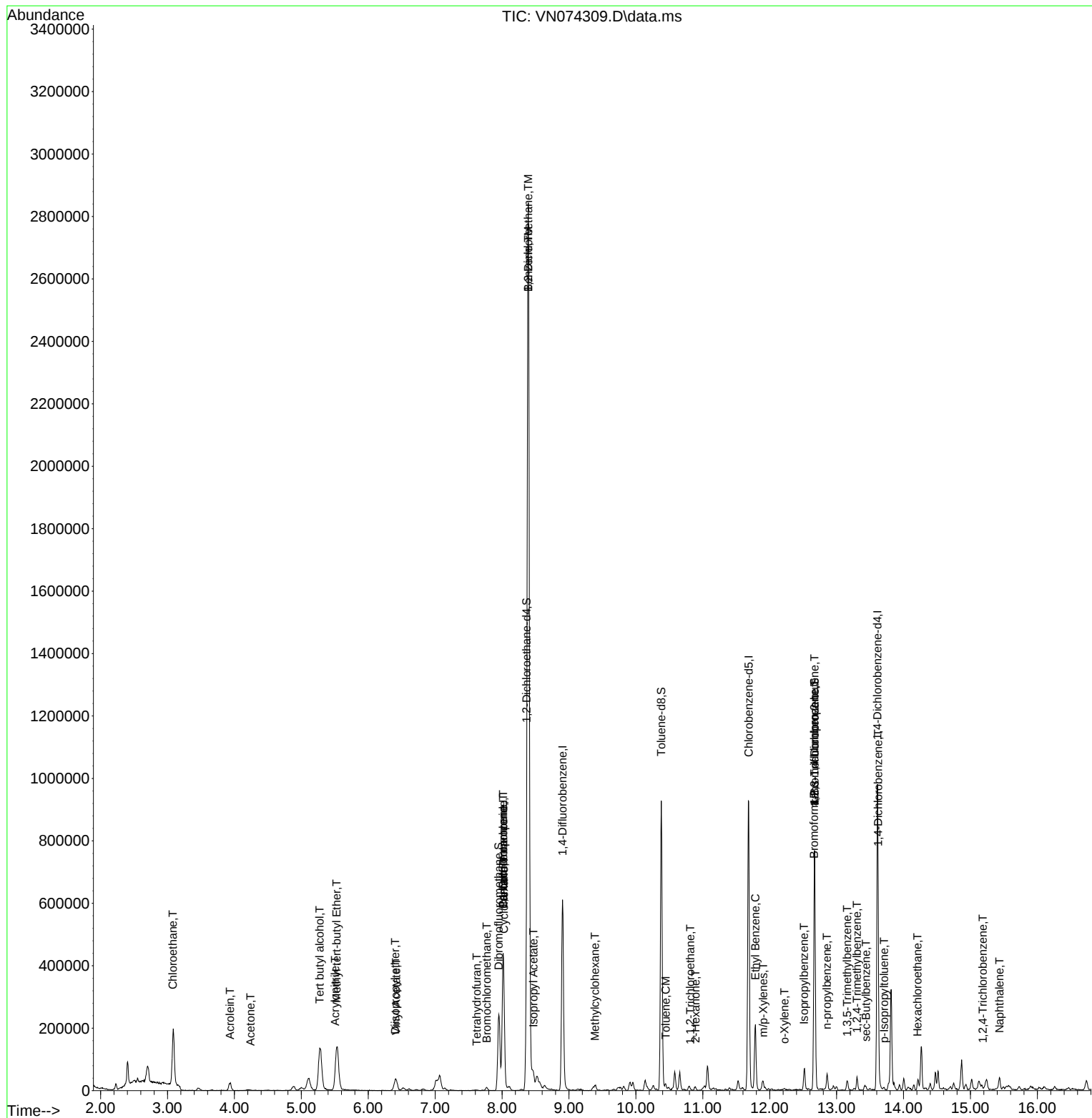
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
95) Naphthalene	15.433	128	33374	2.657 ug/l	98

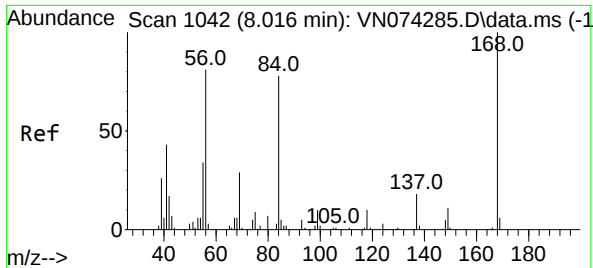
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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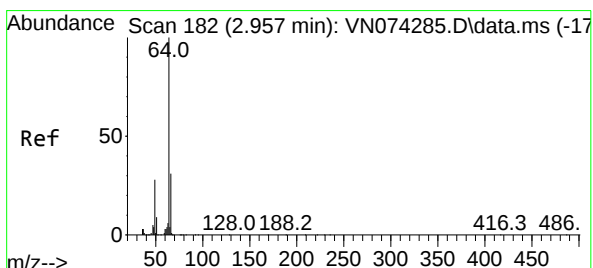
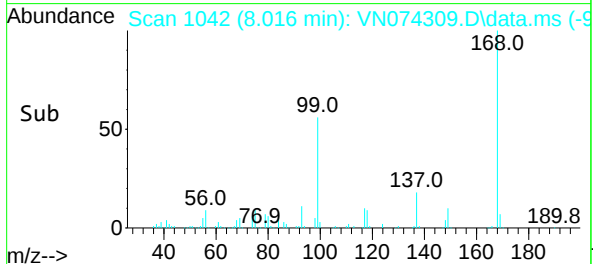
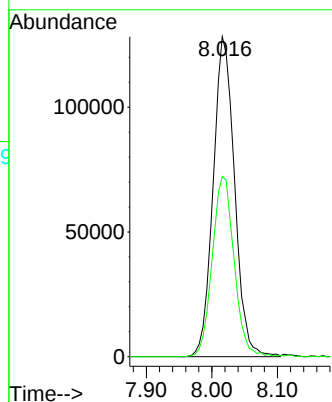
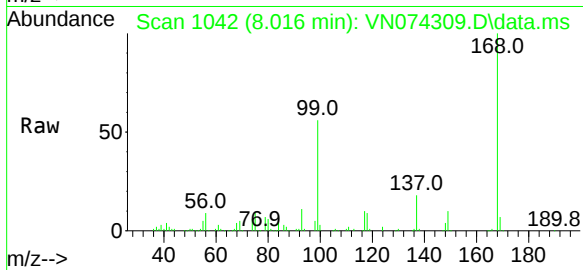




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

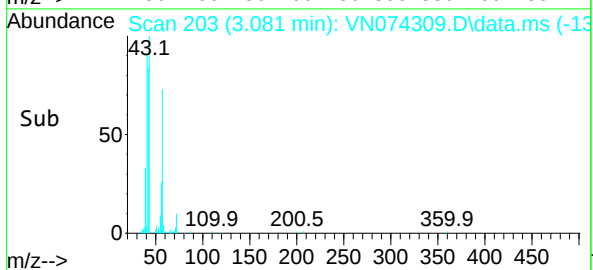
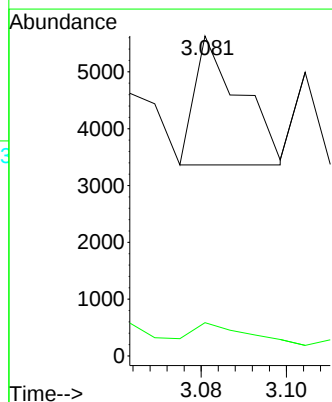
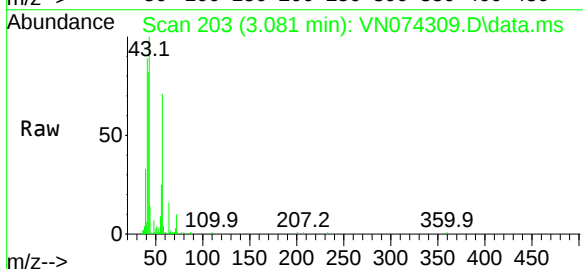
Instrument :
MSVOA_N
ClientSampleId :
MW-34

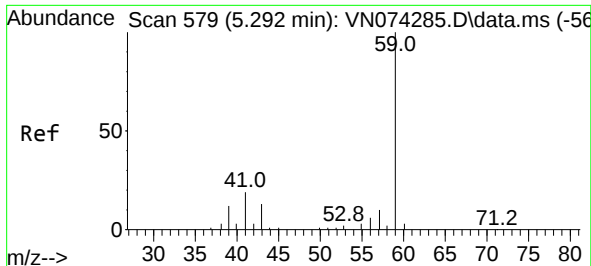
Tgt Ion:168 Resp: 290474
Ion Ratio Lower Upper
168 100
99 56.3 42.3 63.5



#6
Chloroethane
Concen: 0.292 ug/l
RT: 3.081 min Scan# 203
Delta R.T. 0.130 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Tgt Ion: 64 Resp: 1696
Ion Ratio Lower Upper
64 100
66 13.1 26.2 39.4#





#11

Tert butyl alcohol

Concen: 297.512 ug/l

RT: 5.275 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

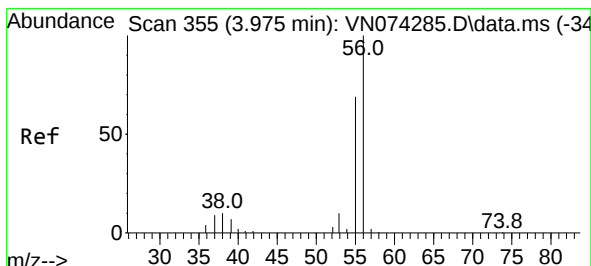
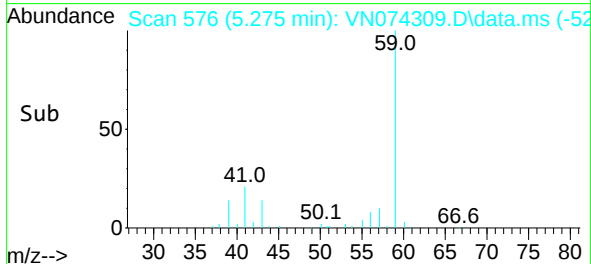
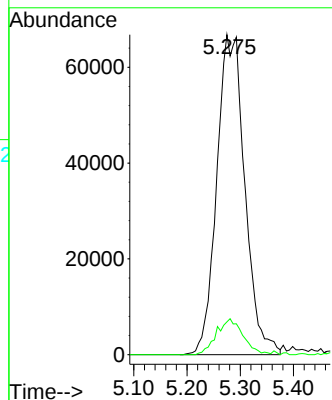
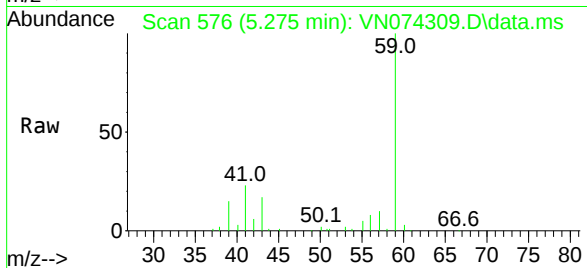
MW-34

Tgt Ion: 59 Resp: 244400

Ion Ratio Lower Upper

59 100

57 10.7 8.3 12.5



#13

Acrolein

Concen: 2.201 ug/l

RT: 3.934 min Scan# 348

Delta R.T. -0.041 min

Lab File: VN074309.D

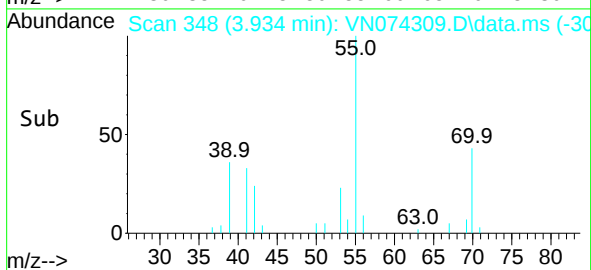
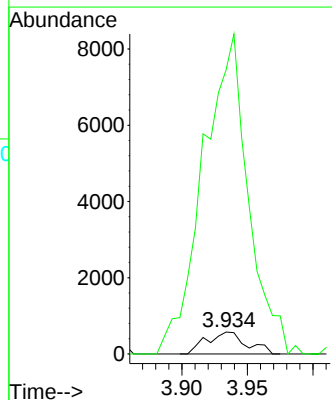
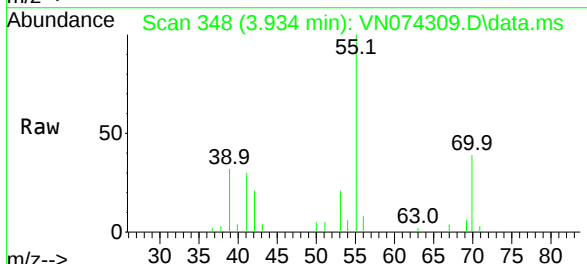
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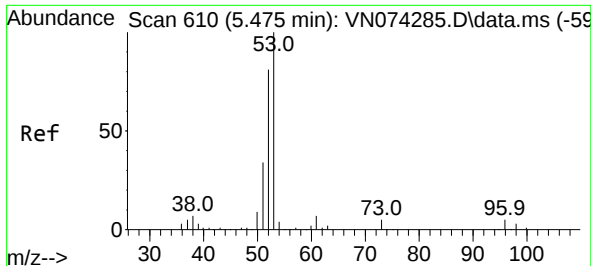
Tgt Ion: 56 Resp: 1217

Ion Ratio Lower Upper

56 100

55 1659.5 54.8 82.2#

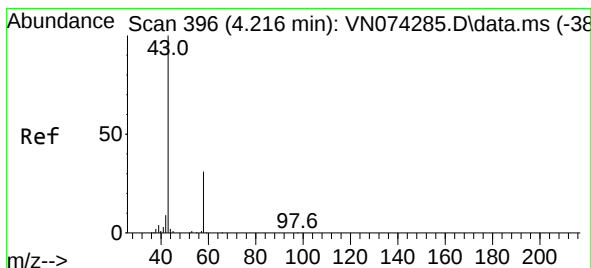
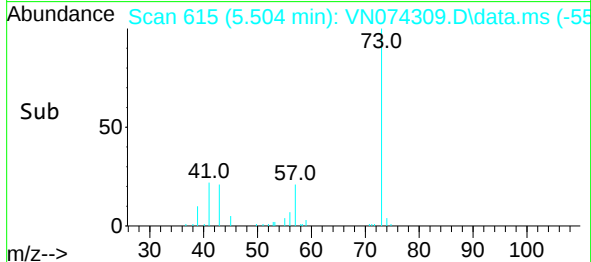
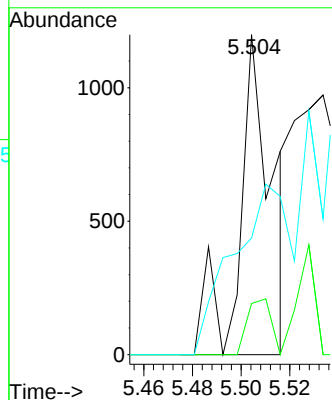
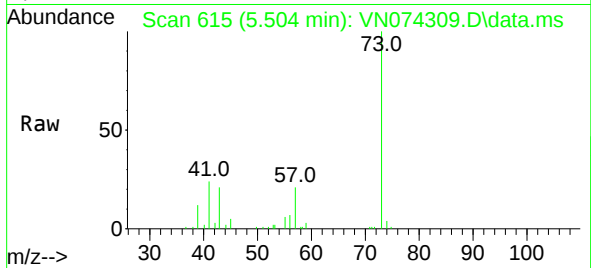




#15
Acrylonitrile
Concen: 0.496 ug/l
RT: 5.504 min Scan# 610
Delta R.T. 0.035 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

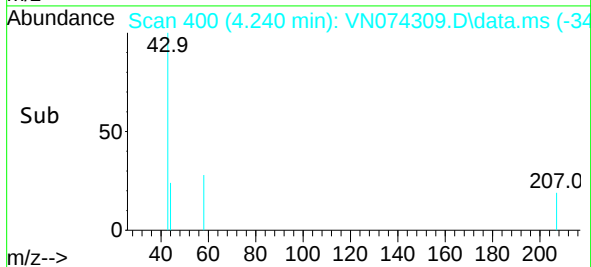
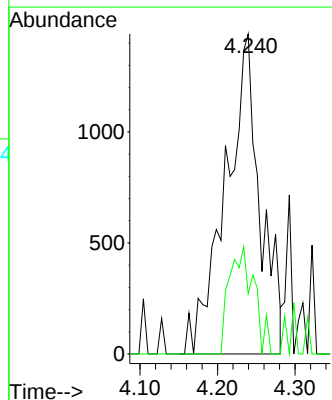
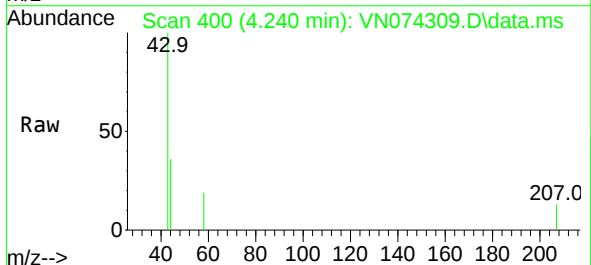
Instrument :
MSVOA_N
ClientSampleId :
MW-34

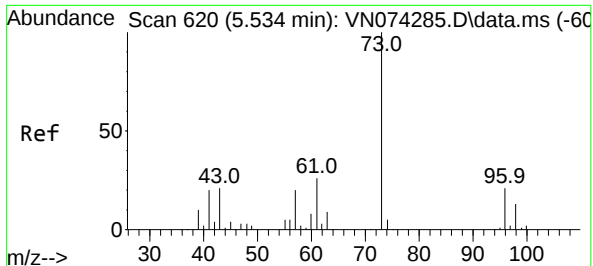
Tgt Ion: 53 Resp: 1120
Ion Ratio Lower Upper
53 100
52 12.7 66.4 99.6#
51 93.3 28.5 42.7#



#16
Acetone
Concen: 2.367 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Tgt Ion: 43 Resp: 4479
Ion Ratio Lower Upper
43 100
58 22.0 26.0 39.0#





#19

Methyl tert-butyl Ether

Concen: 19.922 ug/l

RT: 5.528 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

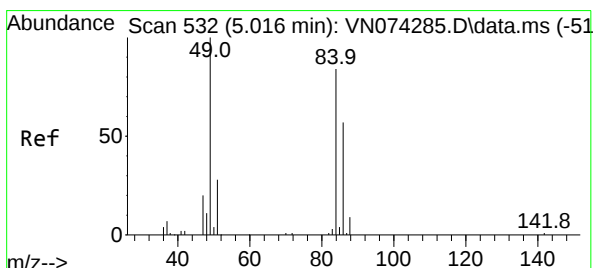
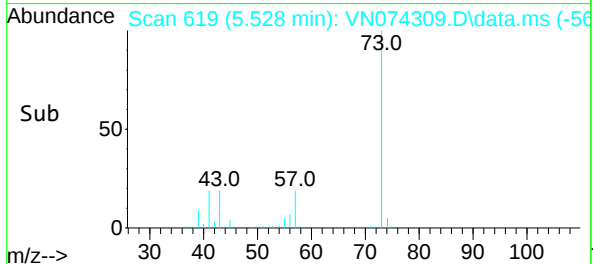
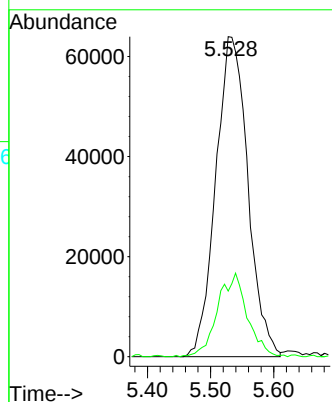
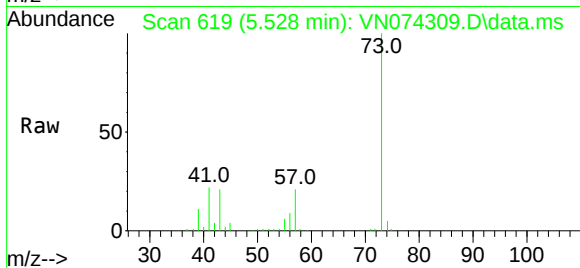
MW-34

Tgt Ion: 73 Resp: 225778

Ion Ratio Lower Upper

73 100

57 20.5 17.6 26.4



#20

Methylene Chloride

Concen: Below Cal

RT: 5.022 min Scan# 533

Delta R.T. 0.012 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Tgt Ion: 84 Resp: 606

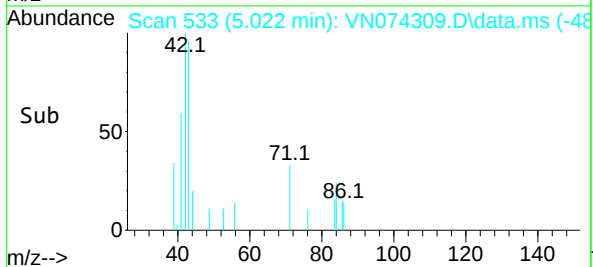
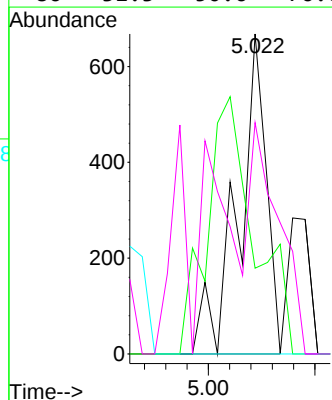
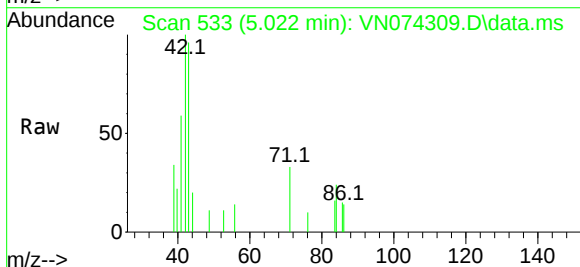
Ion Ratio Lower Upper

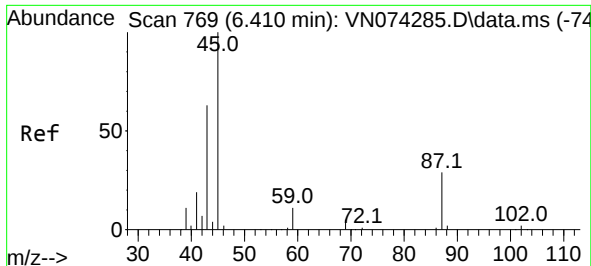
84 100

49 26.8 88.3 132.5#

51 0.0 28.2 42.2#

86 31.3 50.6 76.0#

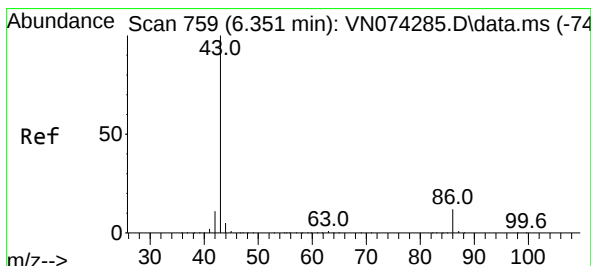
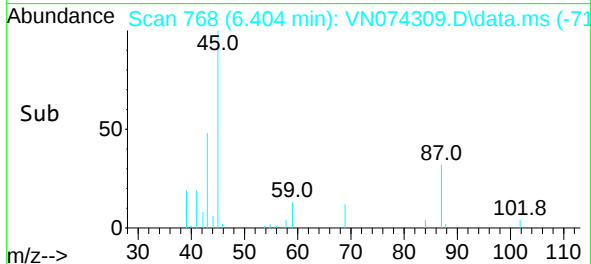
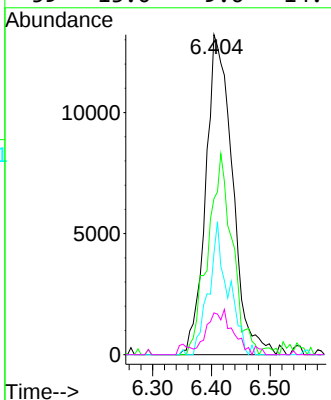
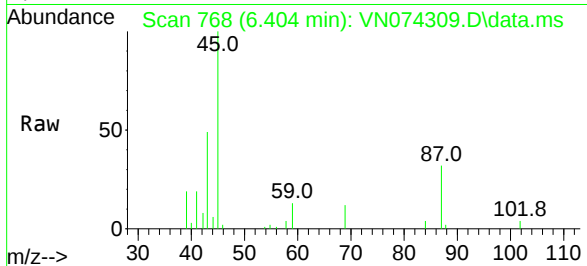




#22
Diisopropyl ether
Concen: 3.865 ug/l
RT: 6.404 min Scan# 770
Delta R.T. -0.012 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

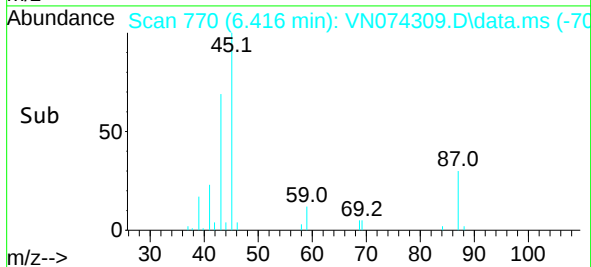
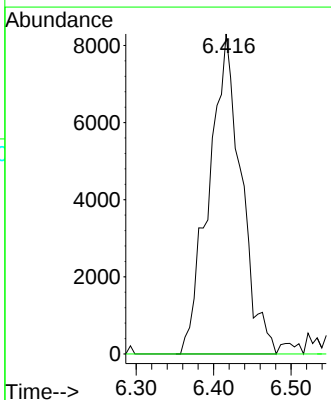
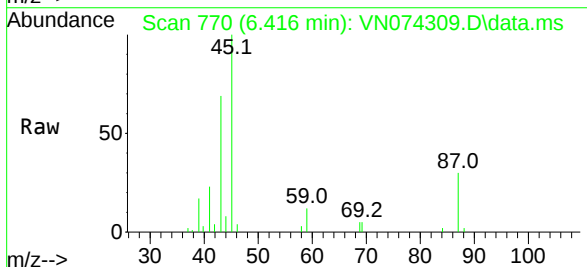
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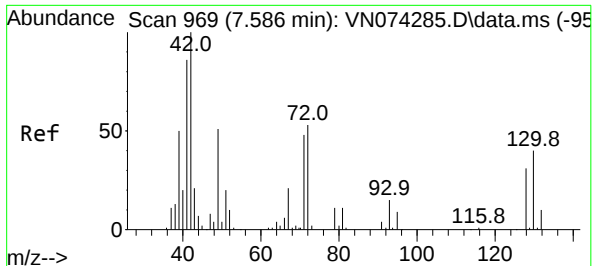
Tgt Ion:	45	Resp:	41722
Ion	Ratio	Lower	Upper
45	100		
43	48.8	46.6	70.0
87	31.7	24.3	36.5
59	13.0	9.6	14.4



#23
Vinyl Acetate
Concen: 2.567 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.065 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Tgt Ion:	43	Resp:	24088
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.0	15.0





#28

Bromochloromethane

Concen: 0.285 ug/l

RT: 7.769 min Scan# 10

Delta R.T. 0.183 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

MW-34

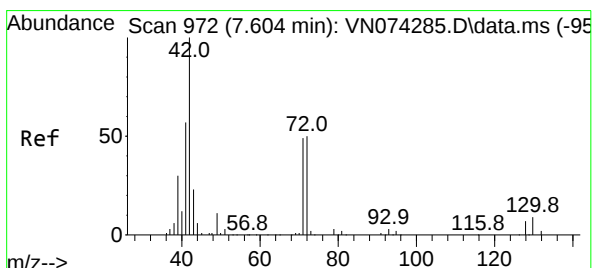
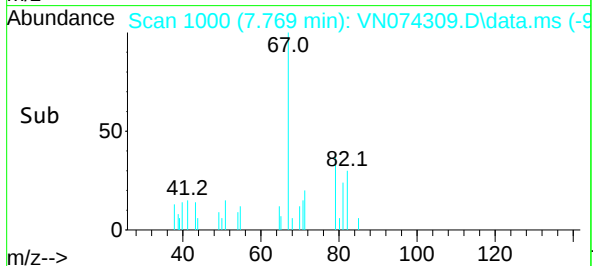
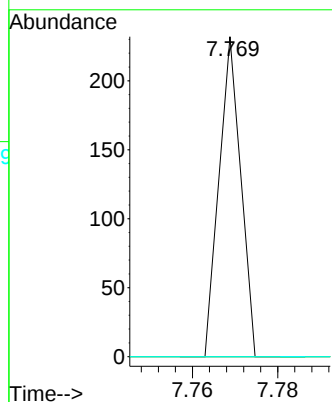
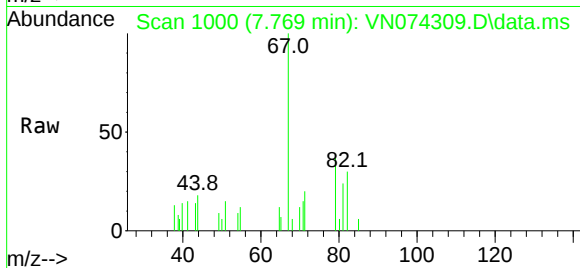
Tgt Ion: 49 Resp: 82

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 69.7 104.5#



#29

Tetrahydrofuran

Concen: 0.344 ug/l

RT: 7.622 min Scan# 975

Delta R.T. 0.012 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

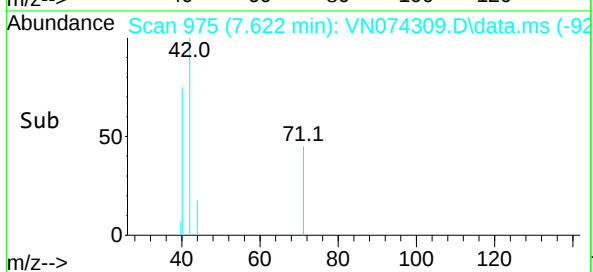
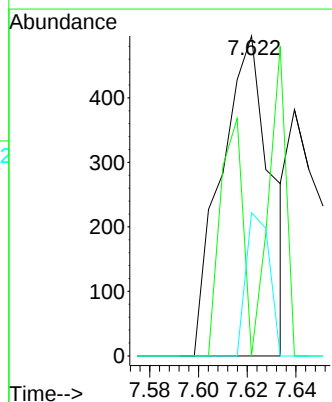
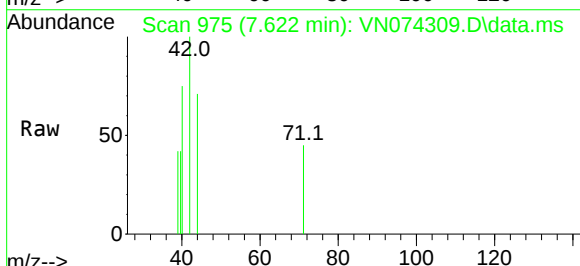
Tgt Ion: 42 Resp: 702

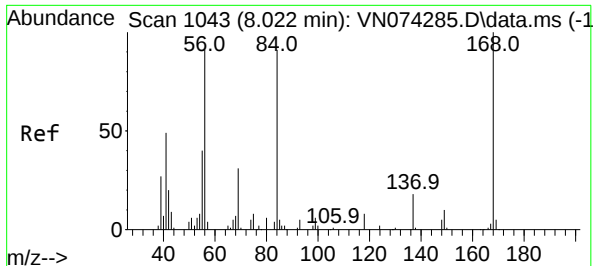
Ion Ratio Lower Upper

42 100

72 33.3 39.7 59.5#

71 21.1 36.6 55.0#





#31

Cyclohexane

Concen: 5.287 ug/l

RT: 8.028 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

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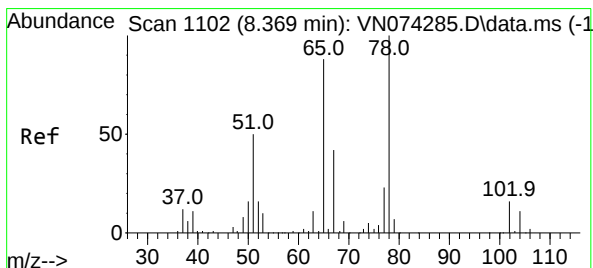
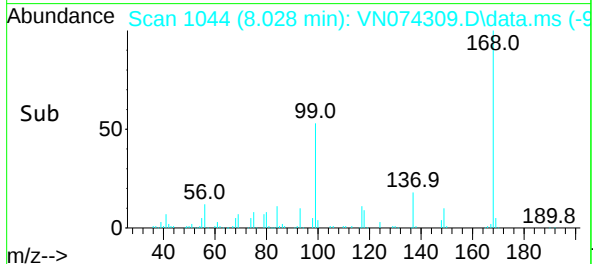
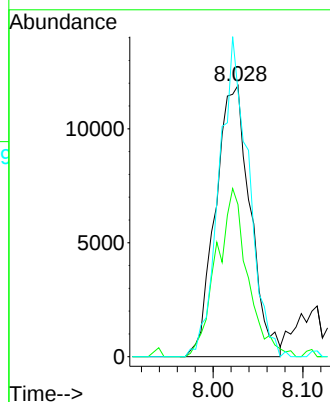
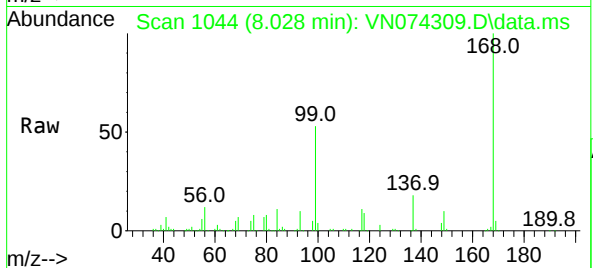
Tgt Ion: 56 Resp: 31975

Ion Ratio Lower Upper

56 100

69 56.1 27.8 41.8#

84 98.0 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 45.931 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074309.D

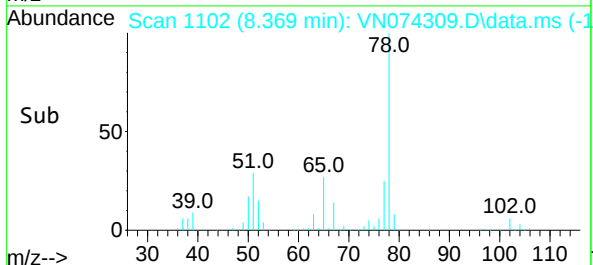
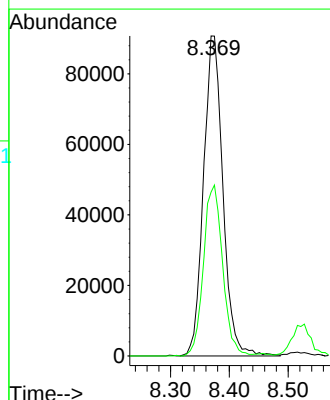
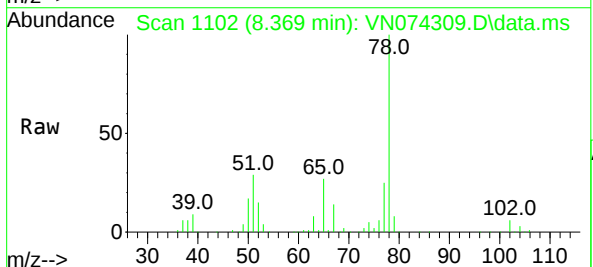
Acq: 03 Sep 2022 01:03

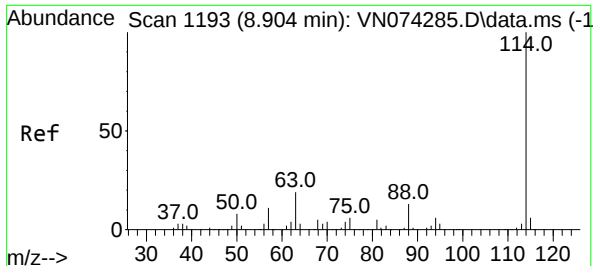
Tgt Ion: 65 Resp: 207976

Ion Ratio Lower Upper

65 100

67 52.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

MW-34

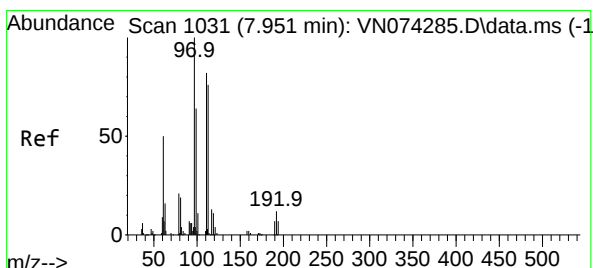
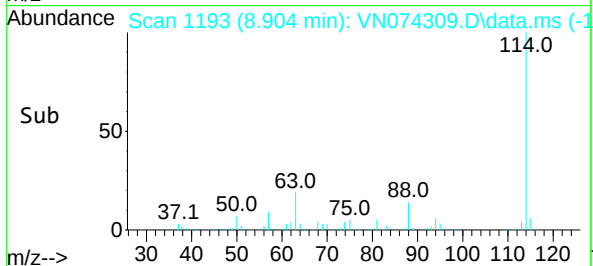
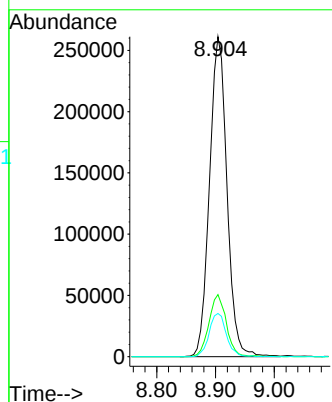
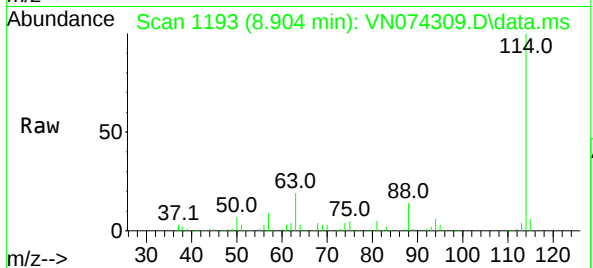
Tgt Ion:114 Resp: 538297

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 13.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.501 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

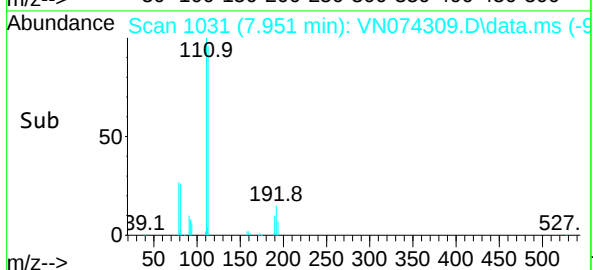
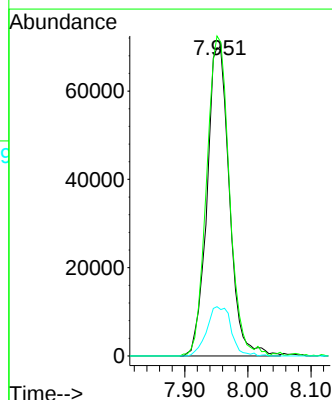
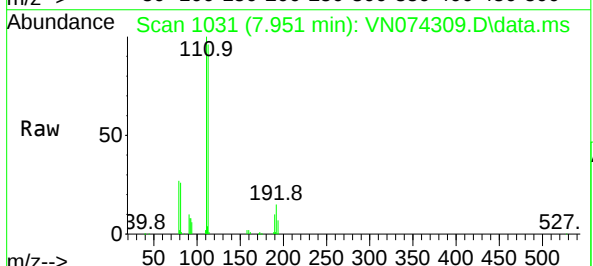
Tgt Ion:113 Resp: 173003

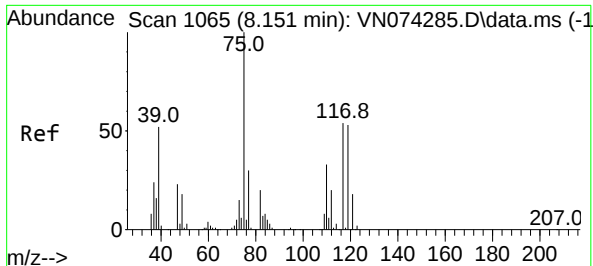
Ion Ratio Lower Upper

113 100

111 104.8 81.4 122.0

192 17.3 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.034 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.141 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

MW-34

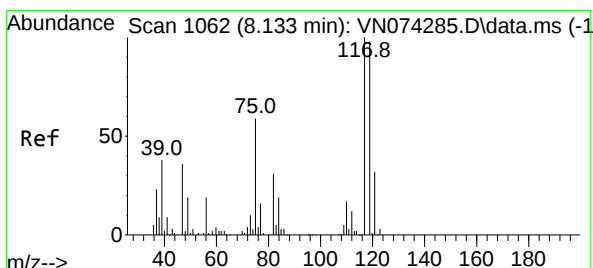
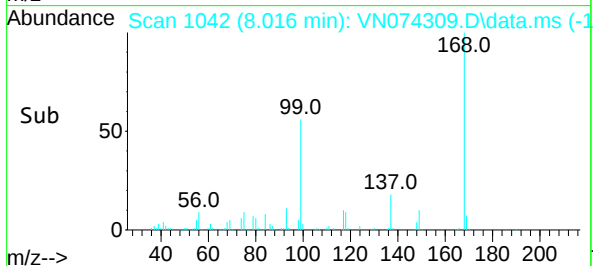
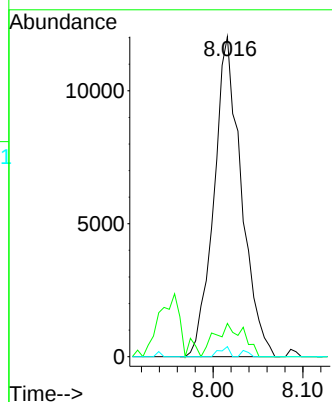
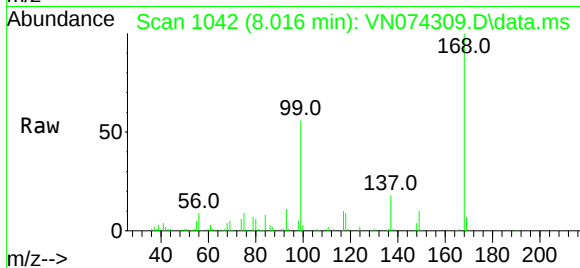
Tgt Ion: 75 Resp: 25484

Ion Ratio Lower Upper

75 100

110 10.8 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.992 ug/l

RT: 8.016 min Scan# 1042

Delta R.T. -0.117 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

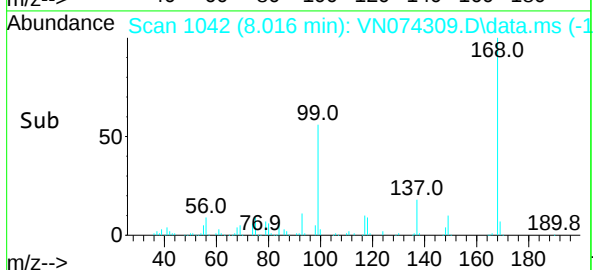
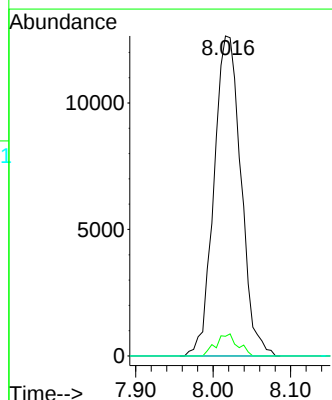
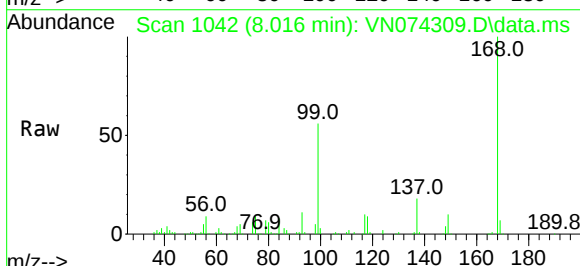
Tgt Ion: 117 Resp: 30647

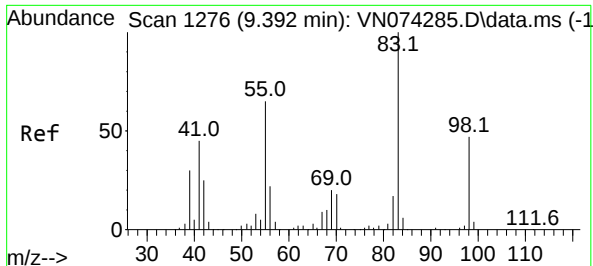
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.8#

121 0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 1.170 ug/l

RT: 9.386 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

MW-34

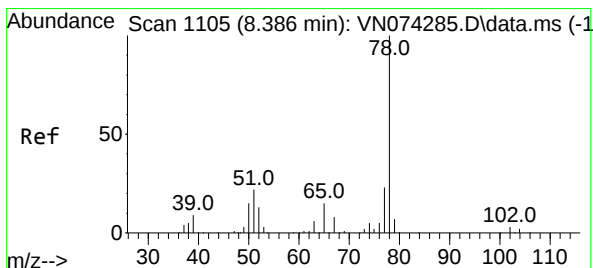
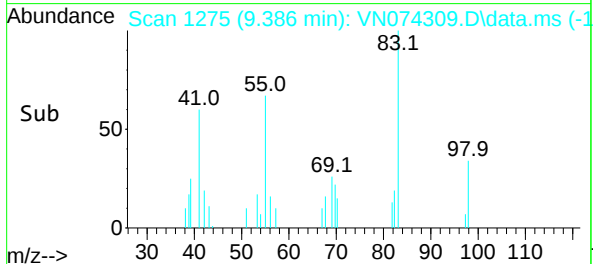
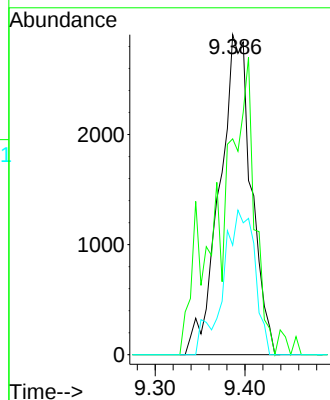
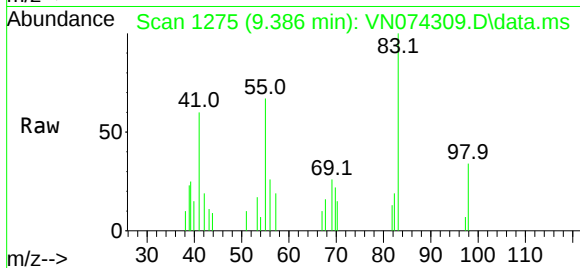
Tgt Ion: 83 Resp: 7138

Ion Ratio Lower Upper

83 100

55 67.5 57.8 86.8

98 34.2 39.4 59.2#



#40

Benzene

Concen: 178.033 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074309.D

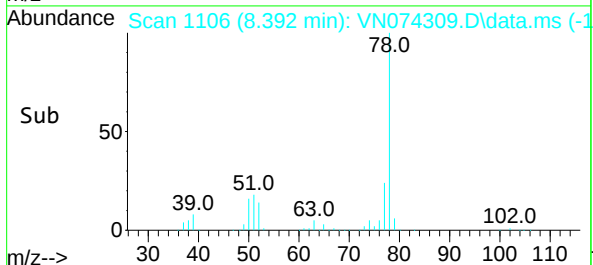
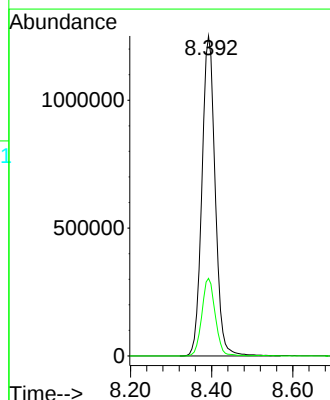
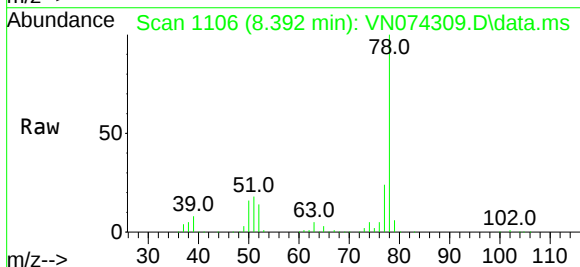
Acq: 03 Sep 2022 01:03

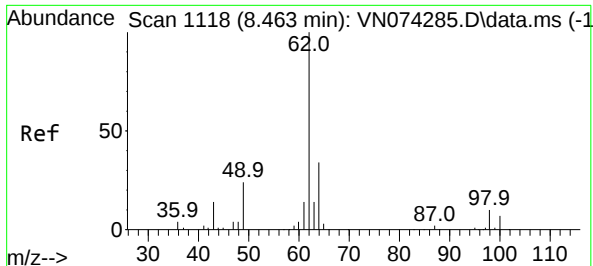
Tgt Ion: 78 Resp: 2843355

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.0





#42

1,2-Dichloroethane

Concen: 4.404 ug/l

RT: 8.392 min Scan# 1119

Delta R.T. -0.071 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

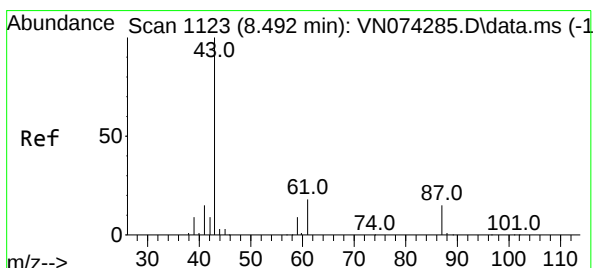
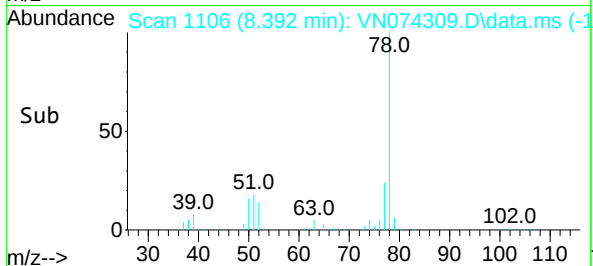
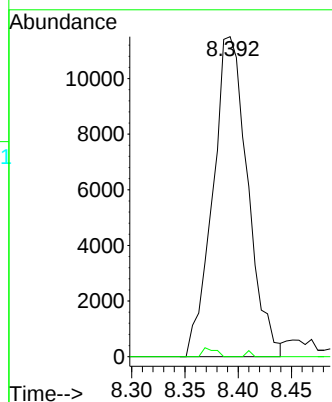
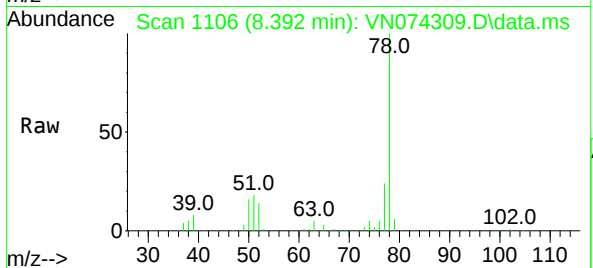
MW-34

Tgt Ion: 62 Resp: 26162

Ion Ratio Lower Upper

62 100

98 0.3 0.0 19.4



#43

Isopropyl Acetate

Concen: 0.739 ug/l

RT: 8.469 min Scan# 1119

Delta R.T. -0.023 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

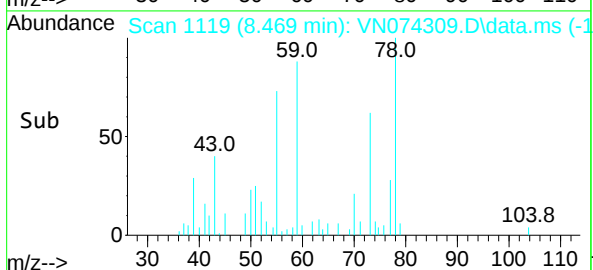
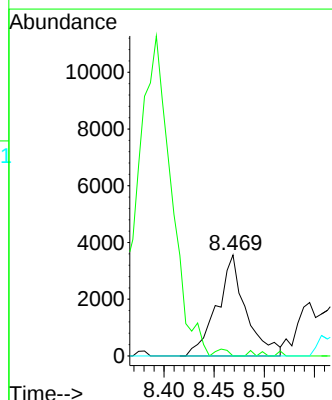
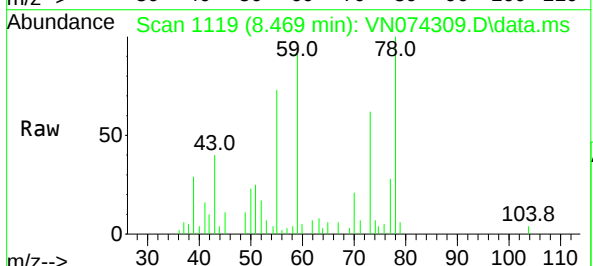
Tgt Ion: 43 Resp: 7109

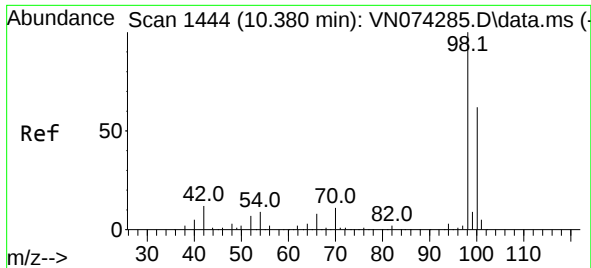
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

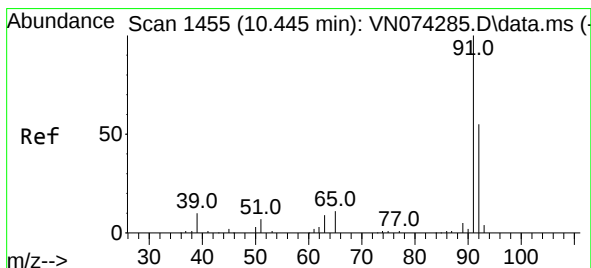
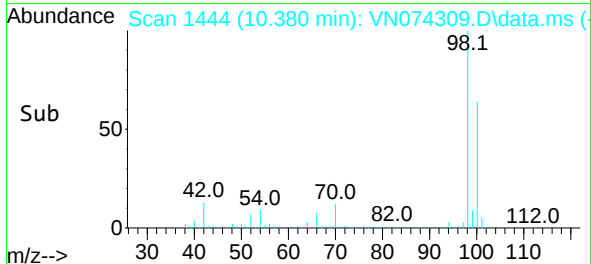
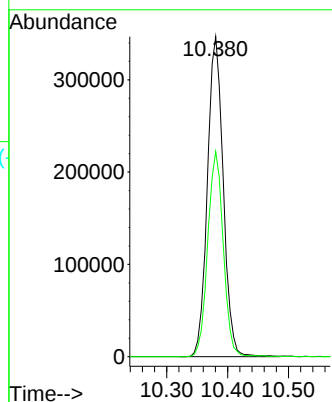
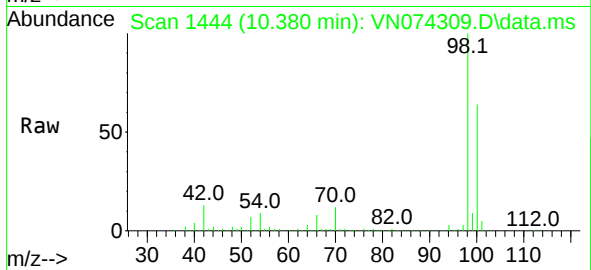




#50
Toluene-d8
Concen: 44.437 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

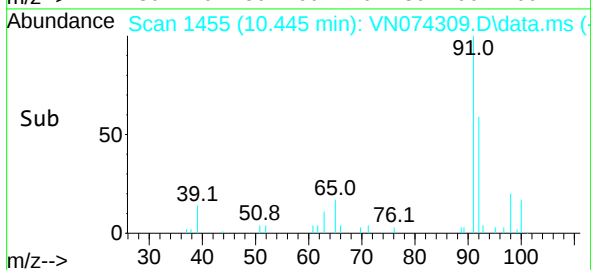
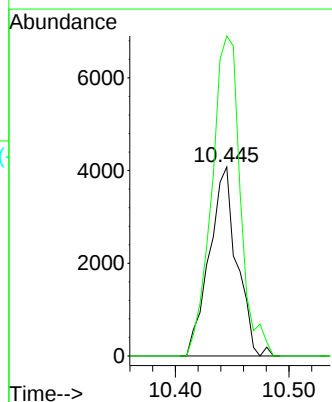
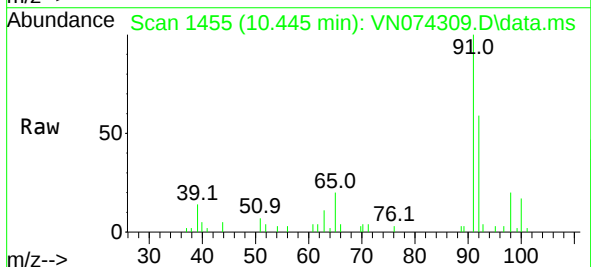
Instrument :
MSVOA_N
ClientSampleId :
MW-34

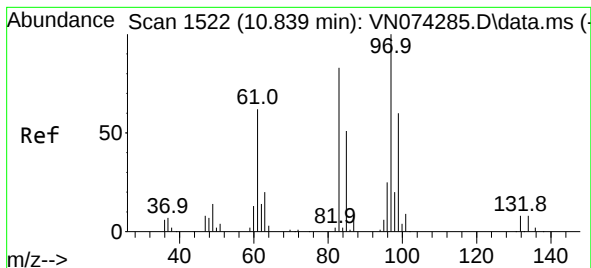
Tgt Ion: 98 Resp: 625024
Ion Ratio Lower Upper
98 100
100 63.0 52.6 78.8



#52
Toluene
Concen: 0.695 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Tgt Ion: 92 Resp: 6856
Ion Ratio Lower Upper
92 100
91 176.1 138.6 207.8





#55

1,1,2-Trichloroethane

Concen: 0.296 ug/l

RT: 10.816 min Scan# 1

Delta R.T. -0.023 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

MW-34

Tgt Ion: 97 Resp: 1254

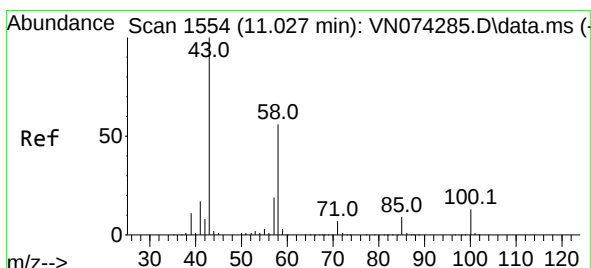
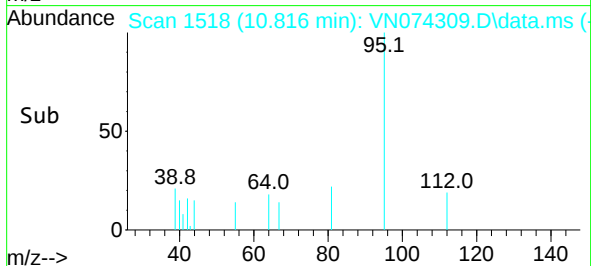
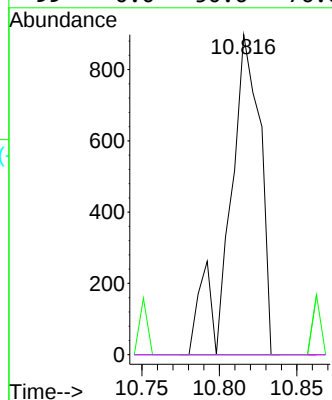
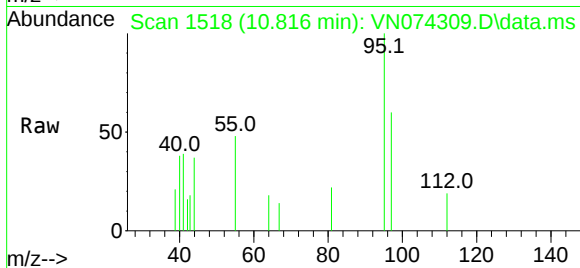
Ion Ratio Lower Upper

97 100

83 0.0 66.2 99.4#

85 0.0 43.9 65.9#

99 0.0 50.6 76.0#



#59

2-Hexanone

Concen: 1.356 ug/l

RT: 10.892 min Scan# 1531

Delta R.T. -0.135 min

Lab File: VN074309.D

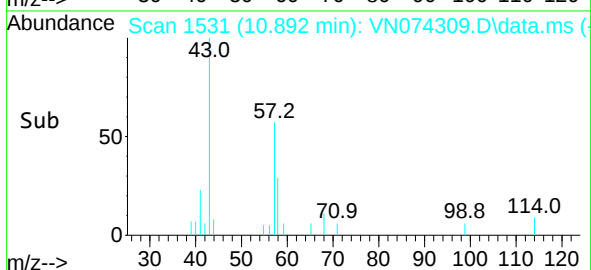
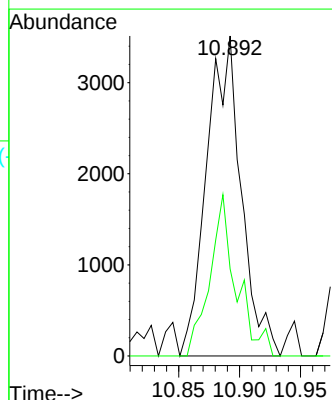
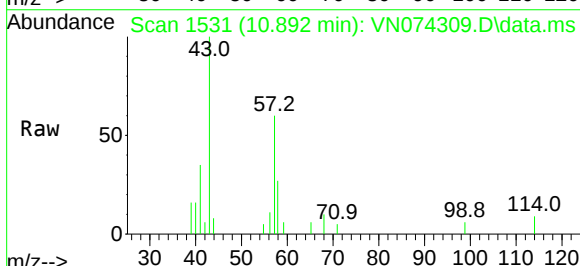
Acq: 03 Sep 2022 01:03

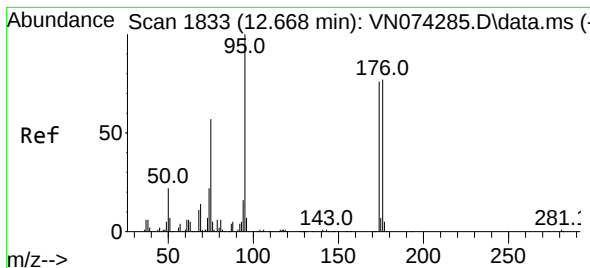
Tgt Ion: 43 Resp: 6909

Ion Ratio Lower Upper

43 100

58 38.8 29.7 89.1

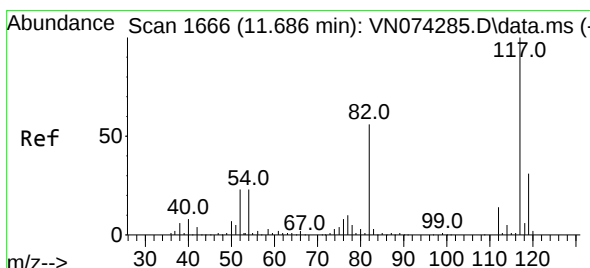
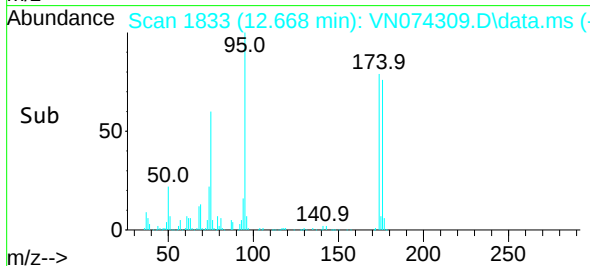
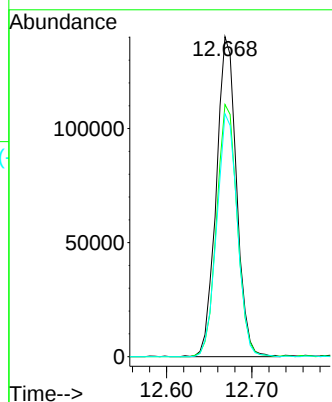
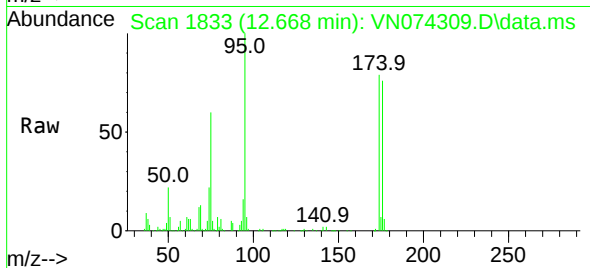




#62
4-Bromofluorobenzene
Concen: 45.250 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

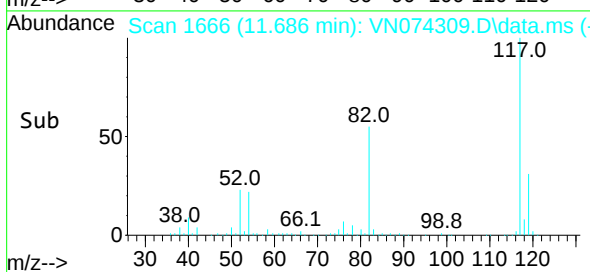
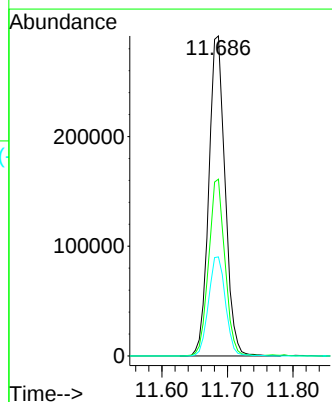
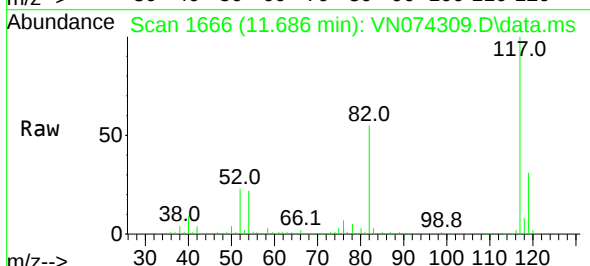
Instrument :
MSVOA_N
ClientSampleId :
MW-34

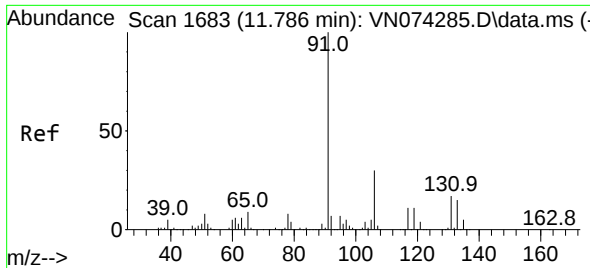
Tgt Ion: 95 Resp: 231419
Ion Ratio Lower Upper
95 100
174 79.9 0.0 167.6
176 77.0 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Tgt Ion: 117 Resp: 504533
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.0 25.4 38.0

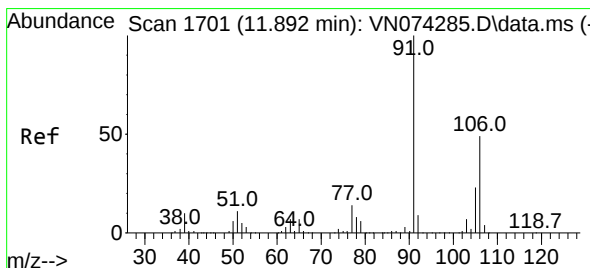
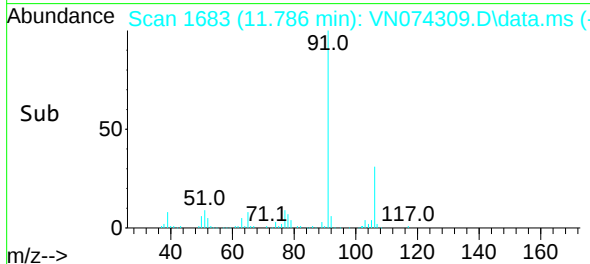
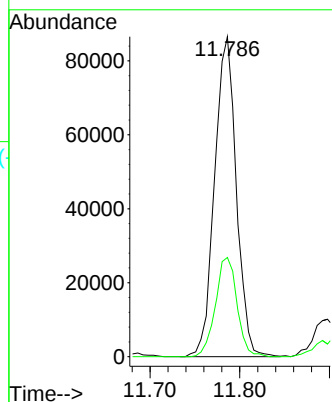
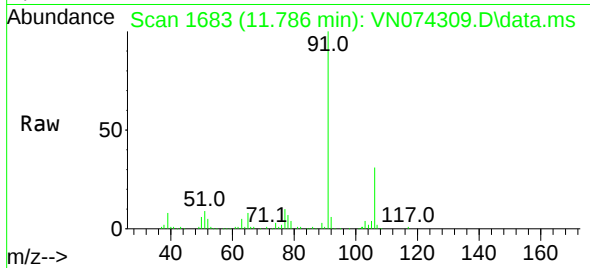




#67
Ethyl Benzene
Concen: 7.155 ug/l
RT: 11.786 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

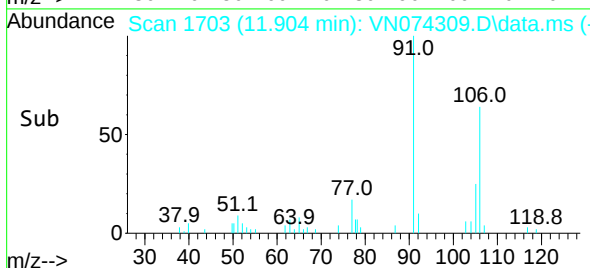
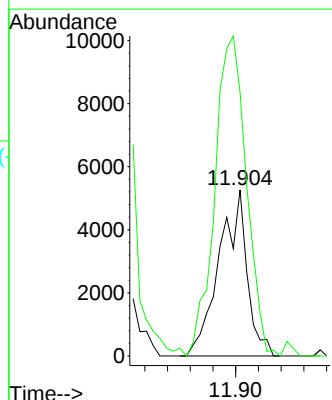
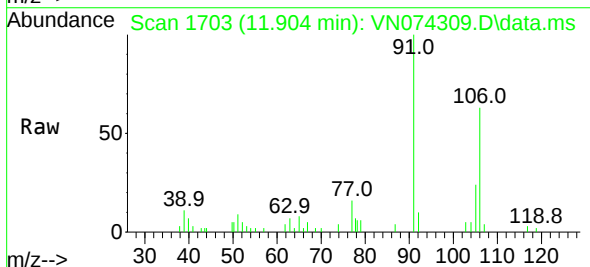
Instrument :
MSVOA_N
ClientSampleId :
MW-34

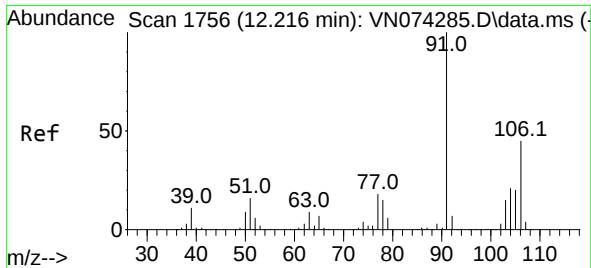
Tgt Ion: 91 Resp: 145464
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 1.184 ug/l
RT: 11.904 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Tgt Ion: 106 Resp: 8988
Ion Ratio Lower Upper
106 100
91 217.9 158.9 238.3

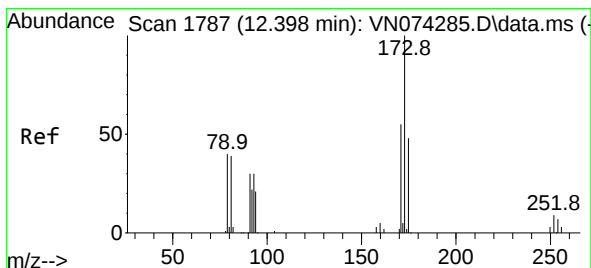
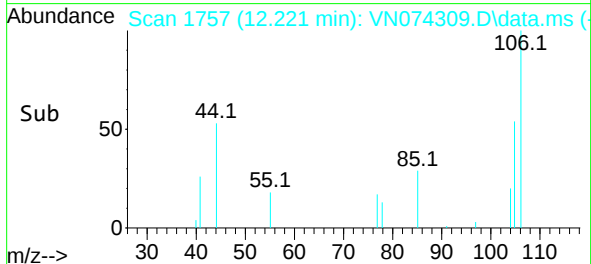
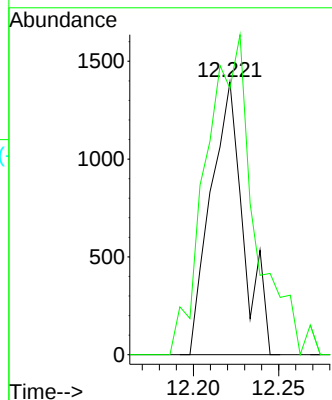
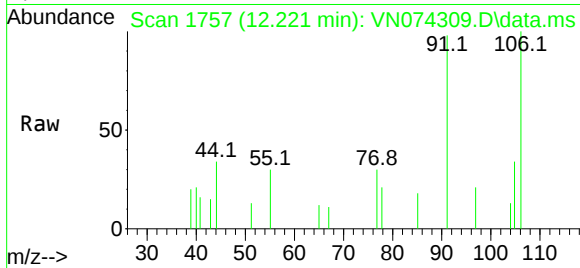




#69
o-Xylene
Concen: 0.245 ug/l
RT: 12.221 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

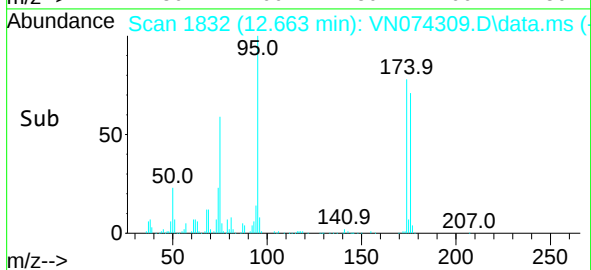
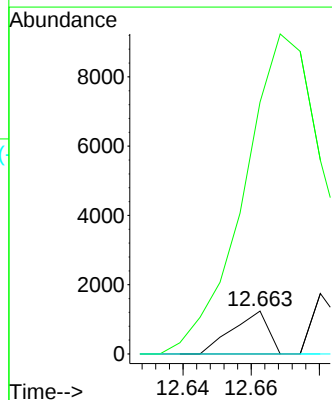
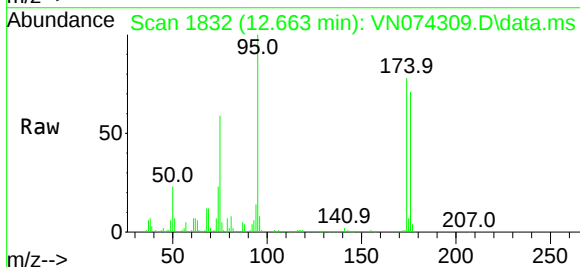
Instrument :
MSVOA_N
ClientSampleId :
MW-34

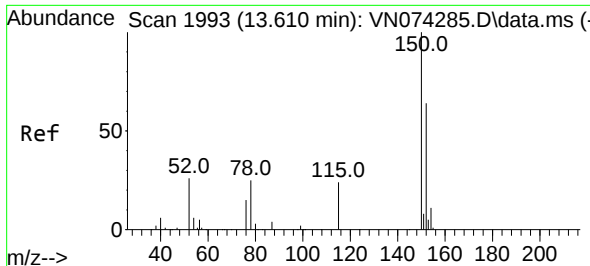
Tgt Ion:106 Resp: 1858
Ion Ratio Lower Upper
106 100
91 174.9 106.0 318.0



#71
Bromoform
Concen: 0.305 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. 0.265 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Tgt Ion:173 Resp: 905
Ion Ratio Lower Upper
173 100
175 1277.8 24.6 73.6#
254 0.0 0.1 0.1#

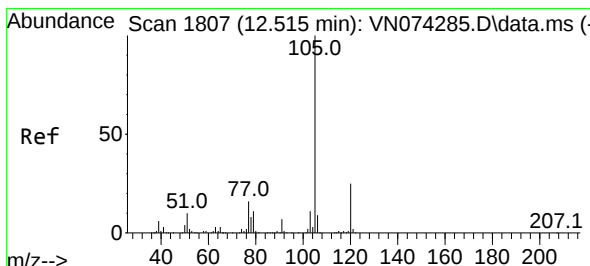
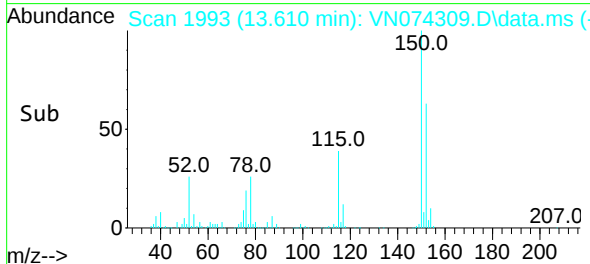
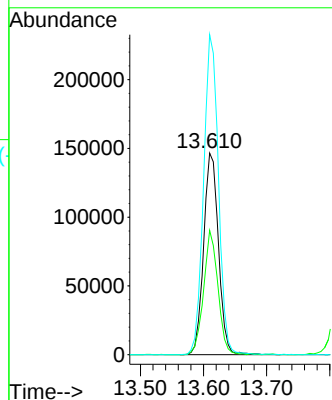
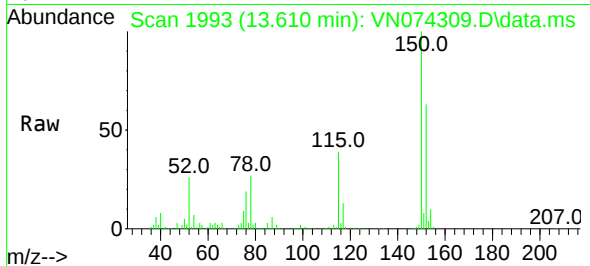




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.610 min Scan# 1993
 Delta R.T. -0.000 min
 Lab File: VN074309.D
 Acq: 03 Sep 2022 01:03

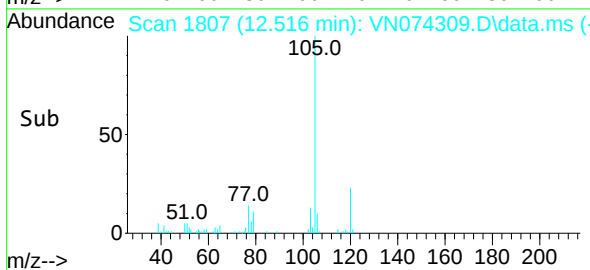
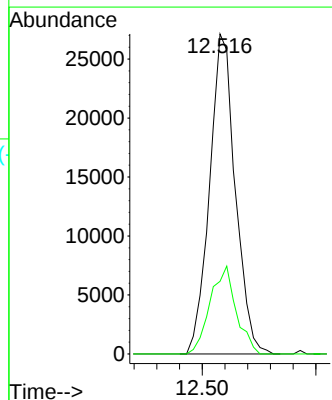
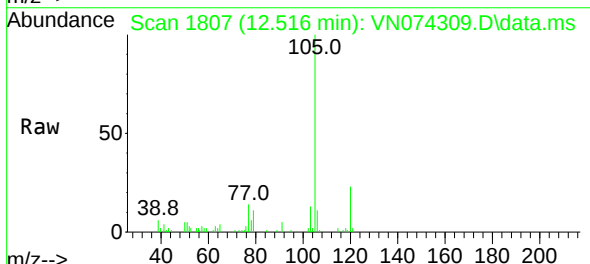
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-34

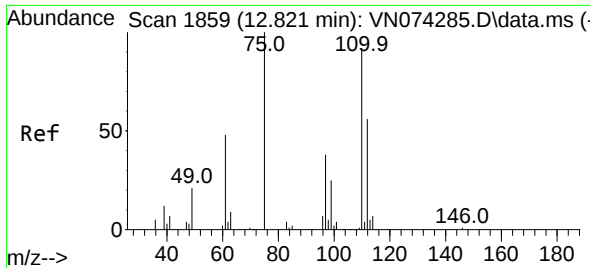
Tgt Ion:152 Resp: 239808
 Ion Ratio Lower Upper
 152 100
 115 59.4 28.9 86.7
 150 158.5 0.0 356.2



#73
 Isopropylbenzene
 Concen: 2.030 ug/l
 RT: 12.516 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: VN074309.D
 Acq: 03 Sep 2022 01:03

Tgt Ion:105 Resp: 42635
 Ion Ratio Lower Upper
 105 100
 120 27.7 13.5 40.4

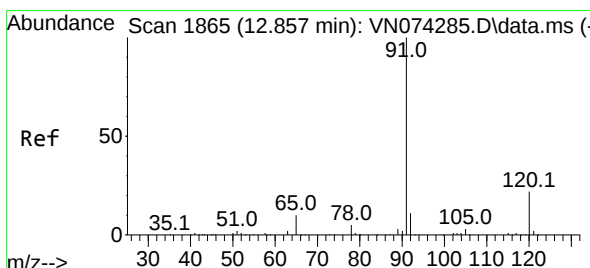
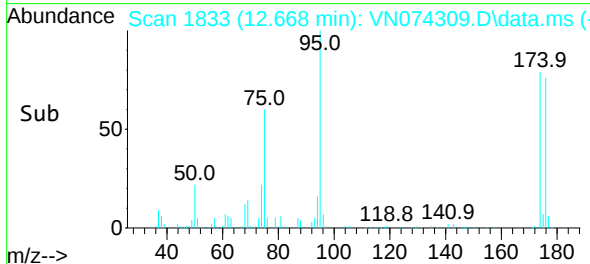
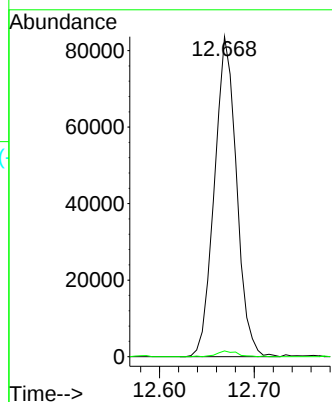
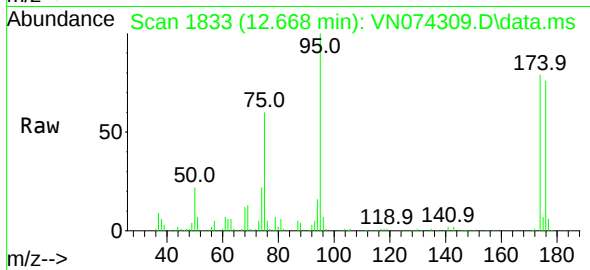




#76
1,2,3-Trichloropropane
Concen: 20.021 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.153 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

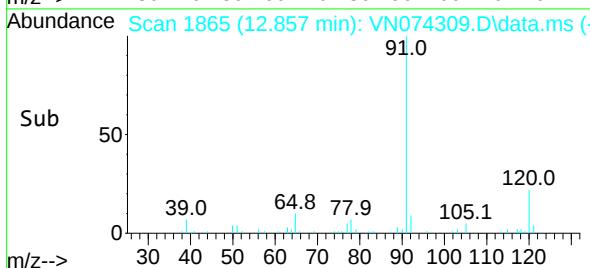
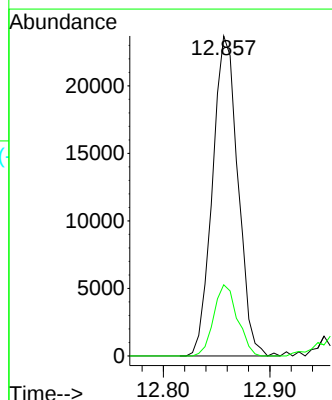
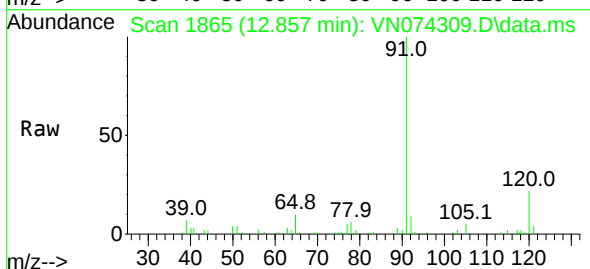
Instrument :
MSVOA_N
ClientSampleId :
MW-34

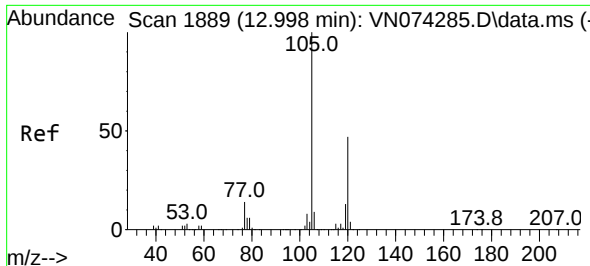
Tgt Ion: 75 Resp: 135981
Ion Ratio Lower Upper
75 100
77 1.7 98.5 295.5#



#78
n-propylbenzene
Concen: 1.639 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Tgt Ion: 91 Resp: 39341
Ion Ratio Lower Upper
91 100
120 20.6 11.9 35.5

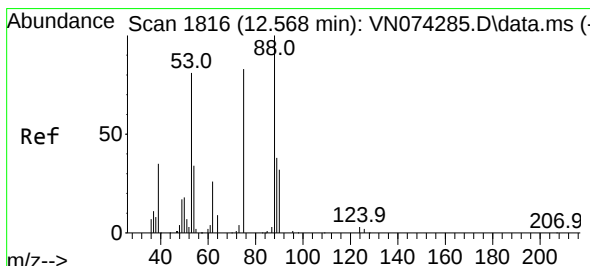
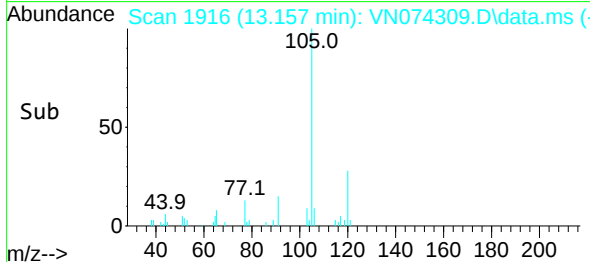
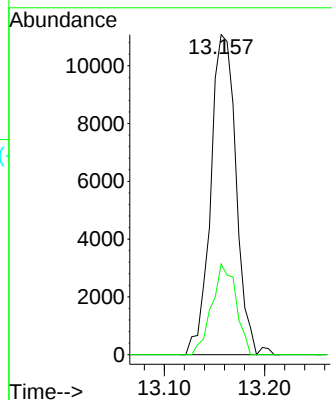
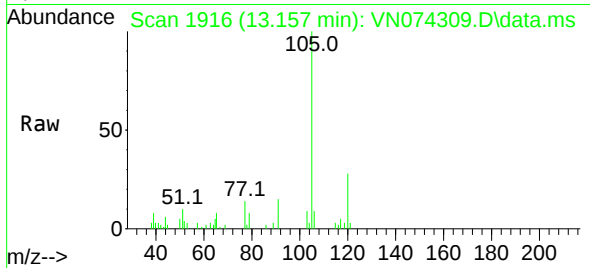




#80
1,3,5-Trimethylbenzene
Concen: 1.160 ug/l
RT: 13.157 min Scan# 1916
Delta R.T. 0.159 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

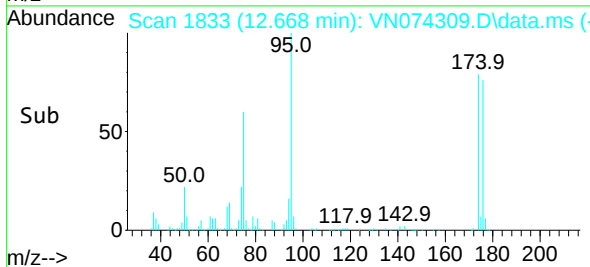
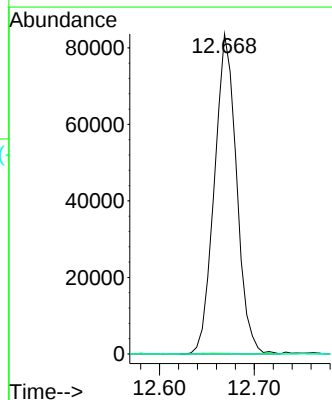
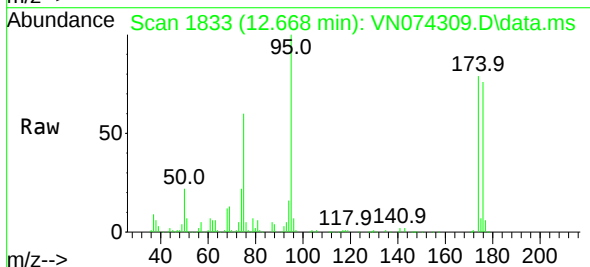
Instrument :
MSVOA_N
ClientSampleId :
MW-34

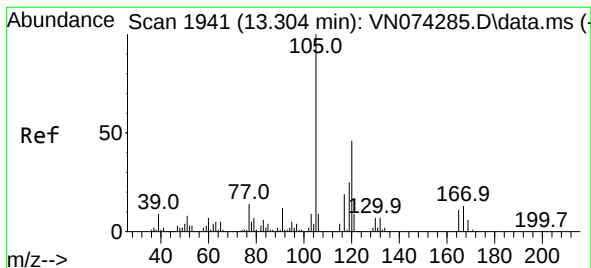
Tgt Ion:105 Resp: 19532
Ion Ratio Lower Upper
105 100
120 26.9 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 64.994 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.105 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Tgt Ion: 75 Resp: 135981
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#84

1,2,4-Trimethylbenzene

Concen: 1.155 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

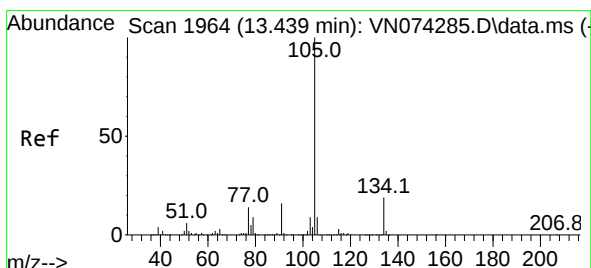
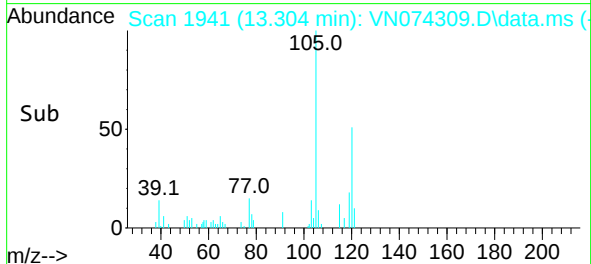
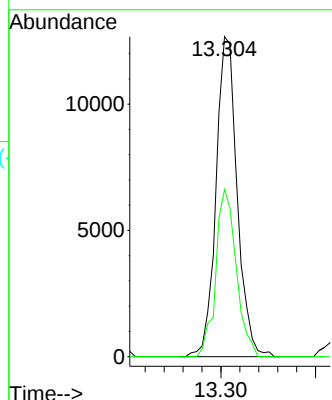
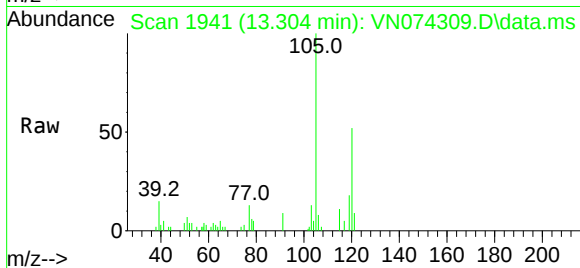
MW-34

Tgt Ion:105 Resp: 19697

Ion Ratio Lower Upper

105 100

120 50.4 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.322 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN074309.D

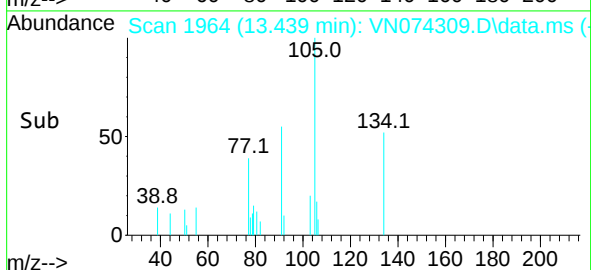
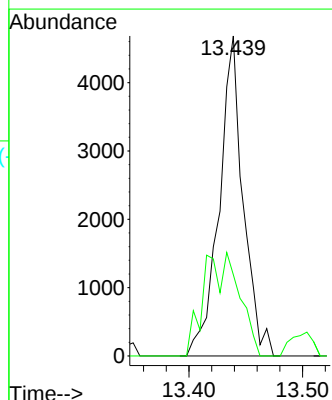
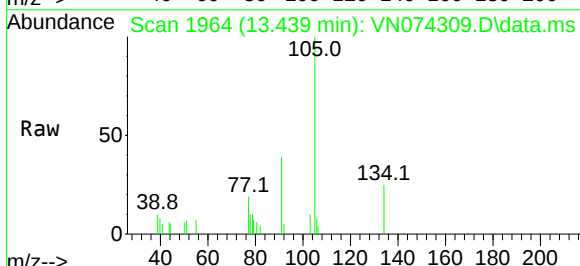
Acq: 03 Sep 2022 01:03

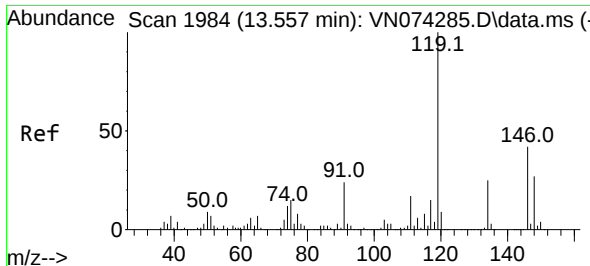
Tgt Ion:105 Resp: 6869

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 0.252 ug/l

RT: 13.710 min Scan# 20

Delta R.T. 0.153 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

MW-34

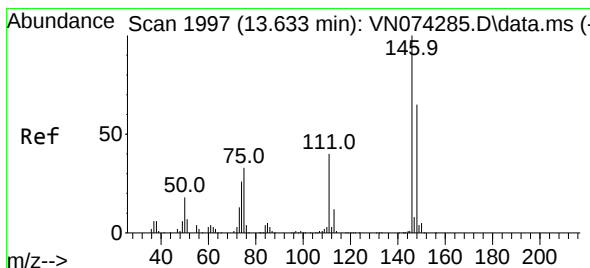
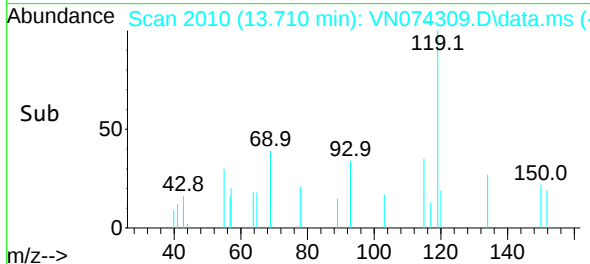
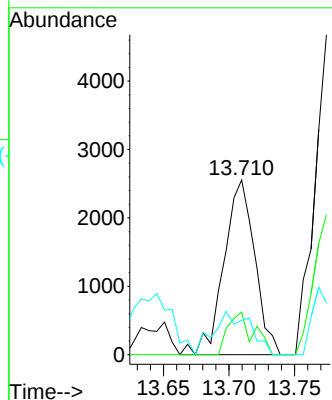
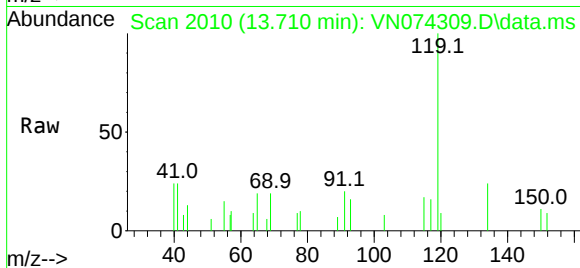
Tgt Ion:119 Resp: 4180

Ion Ratio Lower Upper

119 100

134 20.1 13.3 39.8

91 29.5 11.3 33.9



#88

1,4-Dichlorobenzene

Concen: 0.233 ug/l

RT: 13.621 min Scan# 1995

Delta R.T. -0.012 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

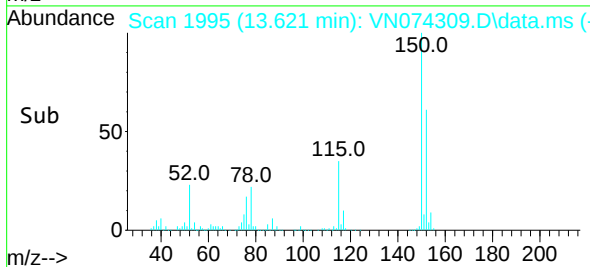
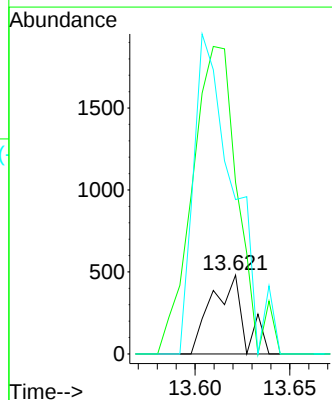
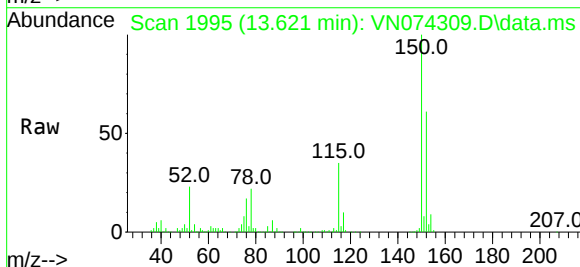
Tgt Ion:146 Resp: 574

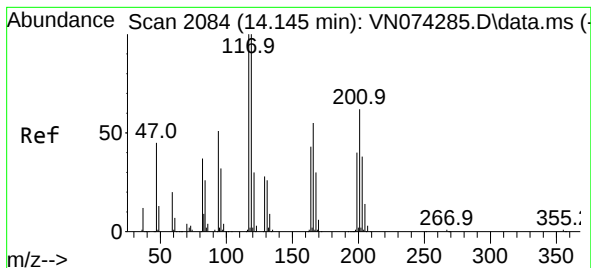
Ion Ratio Lower Upper

146 100

111 548.3 19.1 57.1#

148 495.8 31.4 94.3#





#90

Hexachloroethane

Concen: 3.828 ug/l

RT: 14.210 min Scan# 2084

Delta R.T. 0.059 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

Instrument :

MSVOA_N

ClientSampleId :

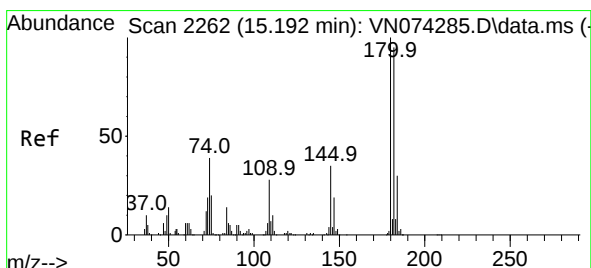
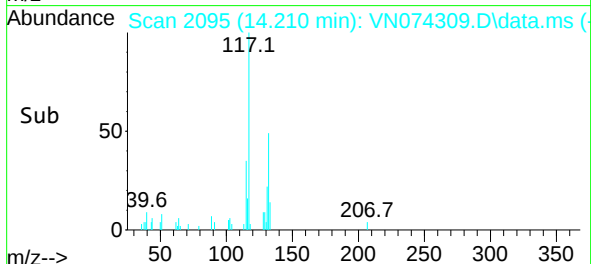
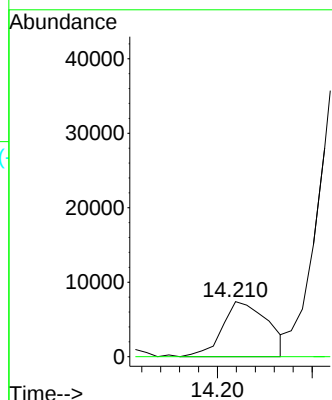
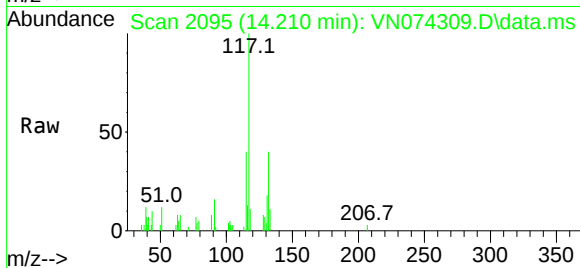
MW-34

Tgt Ion:117 Resp: 12375

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#



#93

1,2,4-Trichlorobenzene

Concen: 0.871 ug/l

RT: 15.186 min Scan# 2261

Delta R.T. -0.012 min

Lab File: VN074309.D

Acq: 03 Sep 2022 01:03

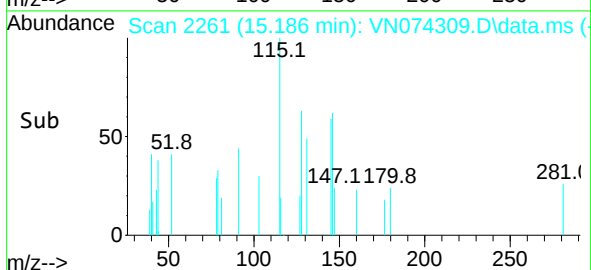
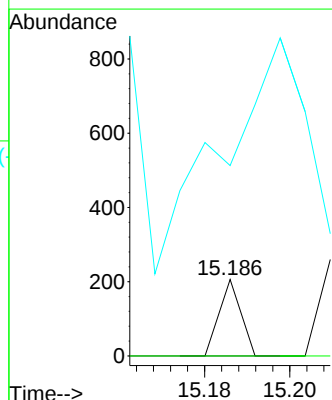
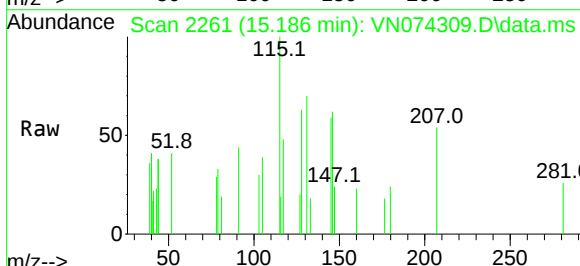
Tgt Ion:180 Resp: 73

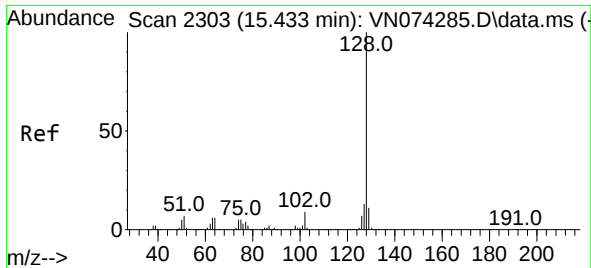
Ion Ratio Lower Upper

180 100

182 0.0 47.5 142.5#

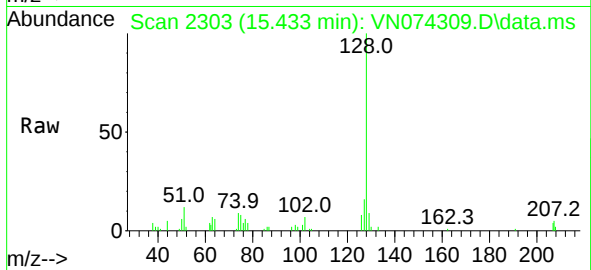
145 1819.2 14.5 43.5#





#95
Naphthalene
Concen: 2.657 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074309.D
Acq: 03 Sep 2022 01:03

Instrument :
MSVOA_N
ClientSampleId :
MW-34



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	12.2	8.6	13.0

