

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074307.D
 Acq On : 03 Sep 2022 00:14
 Operator : JC\MD
 Sample : N4355-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-43

Quant Time: Sep 03 04:43:06 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	230348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	424447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	402320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	179805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	159509	44.422	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.840%
35) Dibromofluoromethane	7.951	113	142945	50.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	10.380	98	491173	44.287	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.580%
62) 4-Bromofluorobenzene	12.669	95	172761	42.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.980%

Target Compounds				Qvalue		
3) Chloromethane	2.269	50	1117	0.355	ug/l #	43
6) Chloroethane	3.057	64	1191	0.258	ug/l #	42
11) Tert butyl alcohol	5.293	59	11600	17.807	ug/l #	76
13) Acrolein	3.934	56	158	0.360	ug/l #	1
16) Acetone	4.234	43	12647	8.428	ug/l	100
17) Carbon Disulfide	4.451	76	1162	0.205	ug/l #	75
19) Methyl tert-butyl Ether	5.534	73	14311	1.592	ug/l #	86
20) Methylene Chloride	4.998	84	533	Below Cal	#	10
23) Vinyl Acetate	6.416	43	1845	0.248	ug/l #	68
25) 2-Butanone	7.263	43	4391	1.733	ug/l #	74
28) Bromochloromethane	7.675	49	59	0.282	ug/l #	8
29) Tetrahydrofuran	7.622	42	2068	1.279	ug/l #	81
31) Cyclohexane	8.028	56	18383	3.833	ug/l #	88
36) 1,1-Dichloropropene	8.010	75	20164	5.051	ug/l #	52
38) Carbon Tetrachloride	8.010	117	23496	5.826	ug/l #	15
39) Methylcyclohexane	9.386	83	6265	1.303	ug/l #	72
40) Benzene	8.392	78	134892	10.712	ug/l	95
41) Methacrylonitrile	7.604	41	662	0.282	ug/l #	7
42) 1,2-Dichloroethane	8.386	62	1776	0.379	ug/l	83
51) 4-Methyl-2-Pentanone	10.269	43	1849	0.348	ug/l #	59
52) Toluene	10.439	92	1931	0.248	ug/l	99
59) 2-Hexanone	10.892	43	1773	0.441	ug/l	85
67) Ethyl Benzene	11.780	91	40904	2.523	ug/l	95
68) m/p-Xylenes	11.892	106	5778	0.955	ug/l	93
71) Bromoform	12.669	173	2744	1.159	ug/l #	28
73) Isopropylbenzene	12.522	105	26786	1.701	ug/l	100
76) 1,2,3-Trichloropropane	12.669	75	101313	19.895	ug/l #	1
78) n-propylbenzene	12.863	91	35286	1.961	ug/l	99
80) 1,3,5-Trimethylbenzene	12.951	105	12483	0.989	ug/l	65
81) trans-1,4-Dichloro-2-b...	12.669	75	101313	64.583	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.310	105	36877	2.884	ug/l	100
85) sec-Butylbenzene	13.439	105	6901	0.431	ug/l	97
86) p-Isopropyltoluene	13.710	119	2567	0.206	ug/l	85
88) 1,4-Dichlorobenzene	13.621	146	245	0.204	ug/l #	1
89) n-Butylbenzene	13.880	91	4482	0.412	ug/l #	71
90) Hexachloroethane	14.157	117	3473	1.433	ug/l #	9

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ClientSampleId :
MW-43

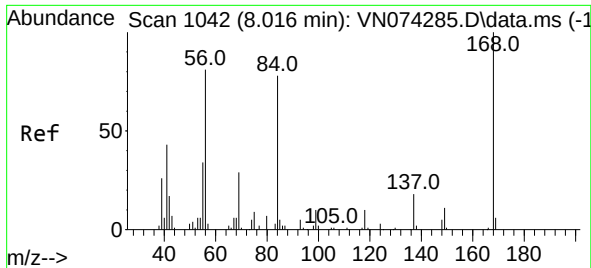
Quant Time: Sep 03 04:43:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 03 04:35:33 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.210	180	61	0.872	ug/l #	69
95) Naphthalene	15.433	128	31124	3.119	ug/l	99

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

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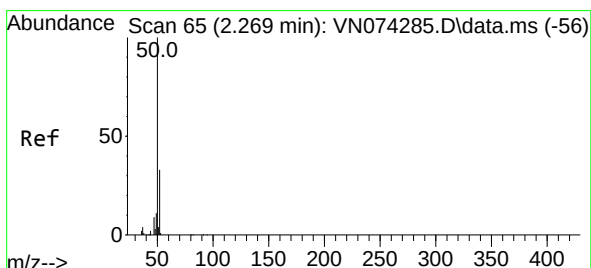
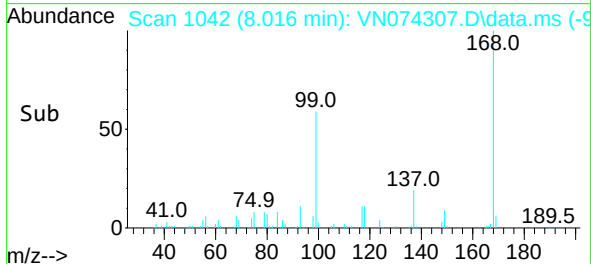
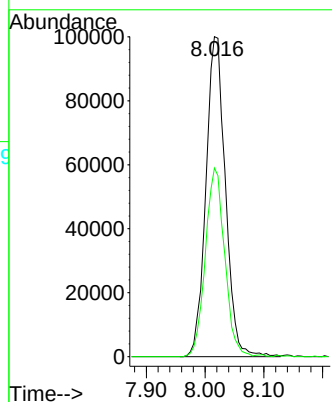
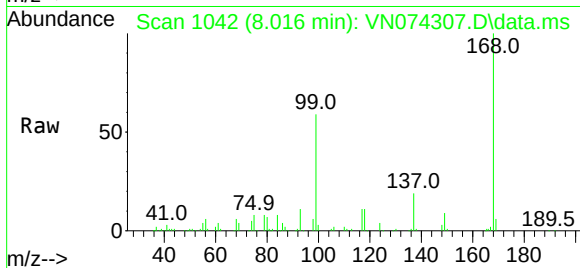




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

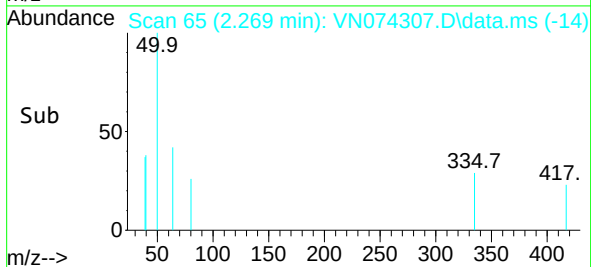
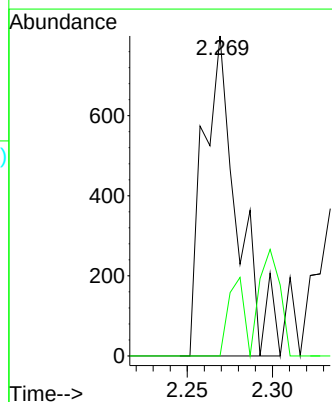
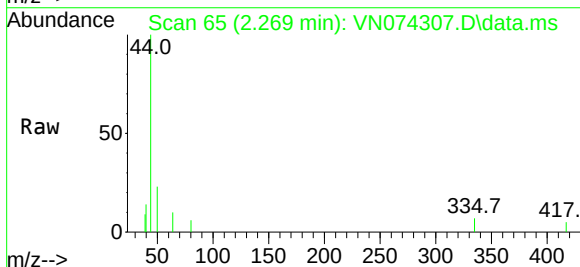
Instrument :
MSVOA_N
ClientSampleId :
MW-43

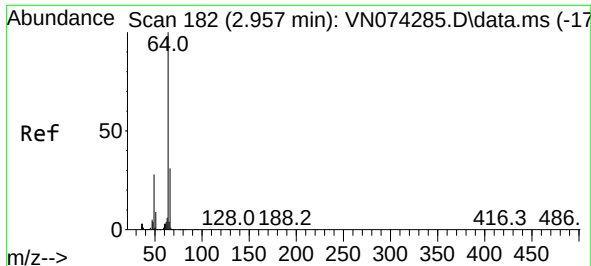
Tgt Ion:168 Resp: 230348
Ion Ratio Lower Upper
168 100
99 59.0 42.3 63.5



#3
Chloromethane
Concen: 0.355 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion: 50 Resp: 1117
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

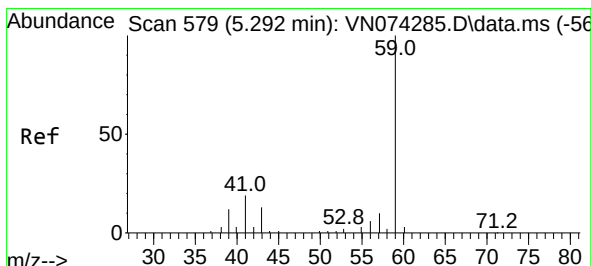
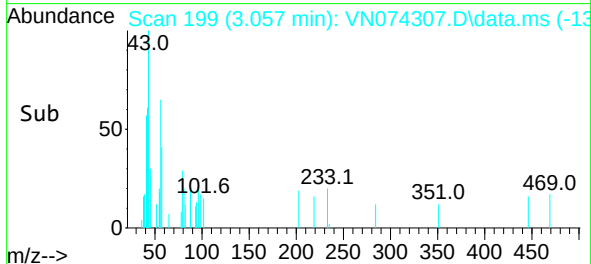
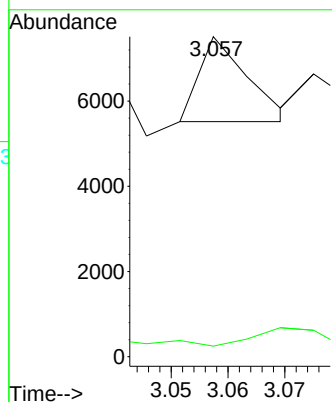
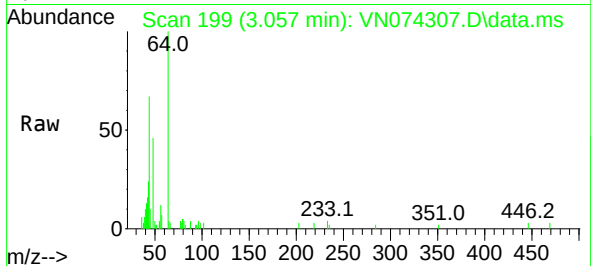




#6
Chloroethane
Concen: 0.258 ug/l
RT: 3.057 min Scan# 119
Delta R.T. 0.106 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

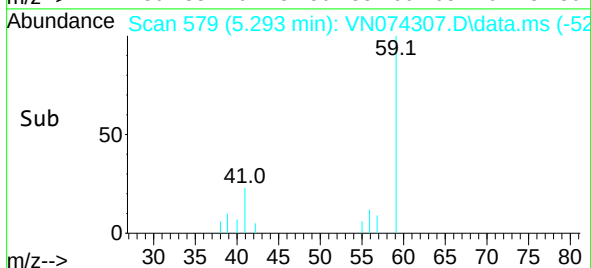
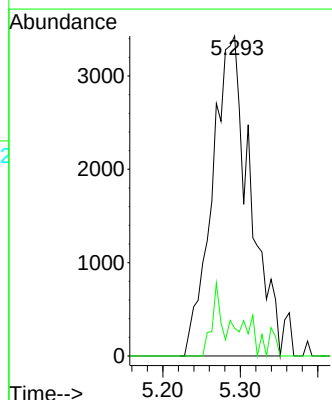
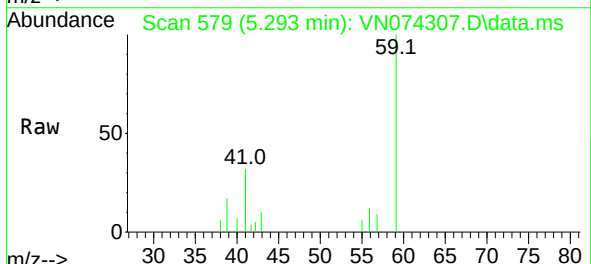
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MSVOA_N
ClientSampleId :
MW-43

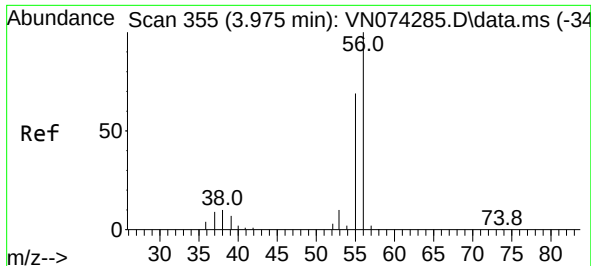
Tgt Ion: 64 Resp: 1191
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 17.807 ug/l
RT: 5.293 min Scan# 579
Delta R.T. 0.006 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion: 59 Resp: 11600
Ion Ratio Lower Upper
59 100
57 1.3 8.3 12.5#





#13

Acrolein

Concen: 0.360 ug/l

RT: 3.934 min Scan# 34

Delta R.T. -0.041 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

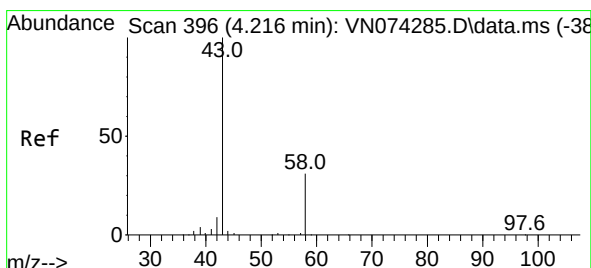
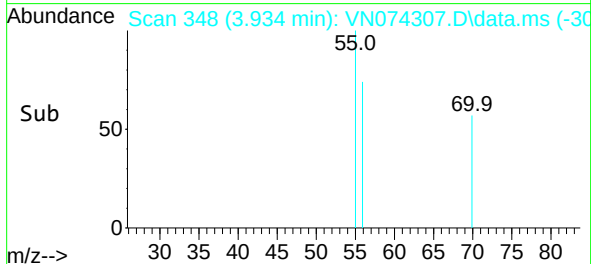
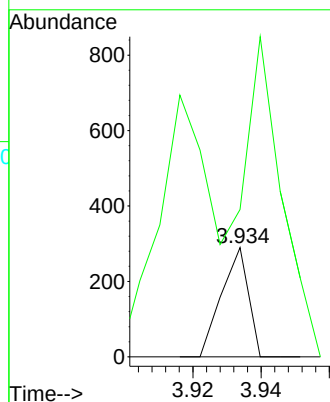
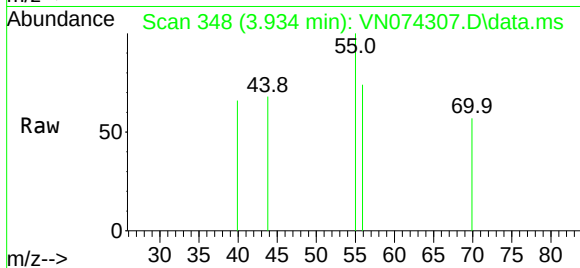
MW-43

Tgt Ion: 56 Resp: 158

Ion Ratio Lower Upper

56 100

55 421.5 54.8 82.2#



#16

Acetone

Concen: 8.428 ug/l

RT: 4.234 min Scan# 399

Delta R.T. 0.012 min

Lab File: VN074307.D

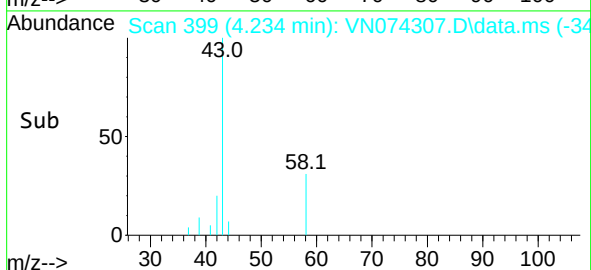
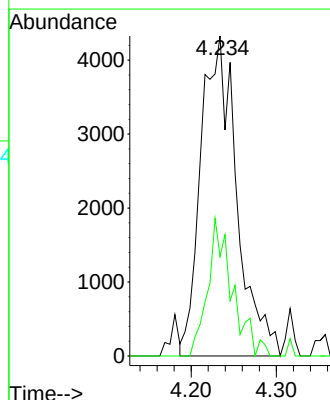
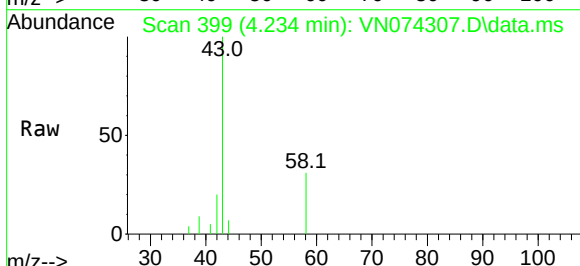
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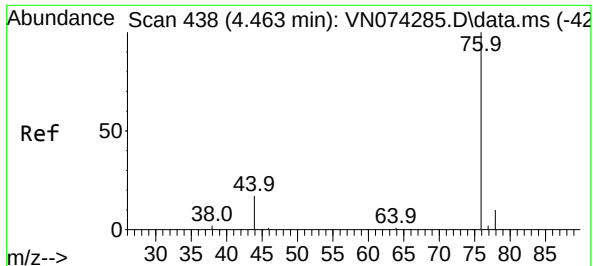
Tgt Ion: 43 Resp: 12647

Ion Ratio Lower Upper

43 100

58 32.3 26.0 39.0

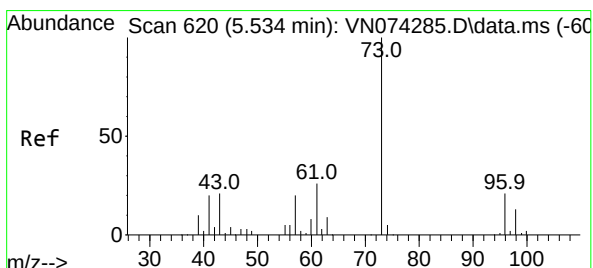
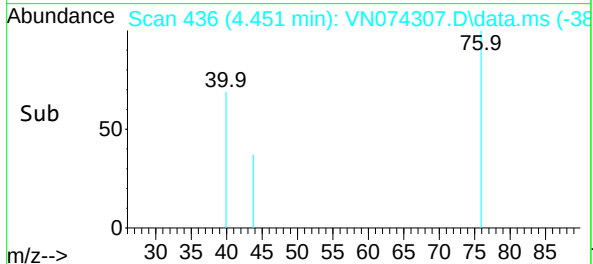
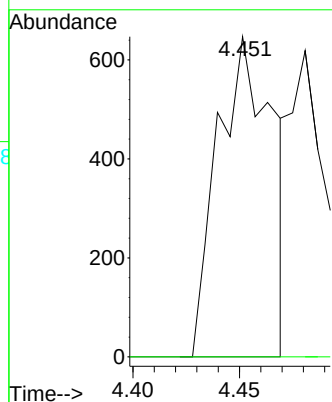
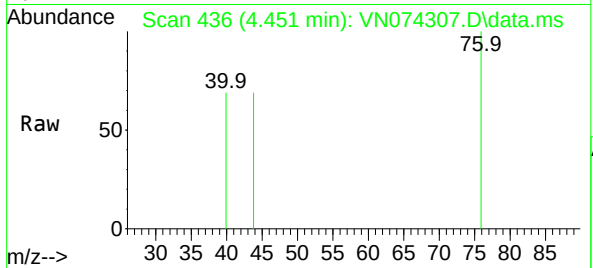




#17
Carbon Disulfide
Concen: 0.205 ug/l
RT: 4.451 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

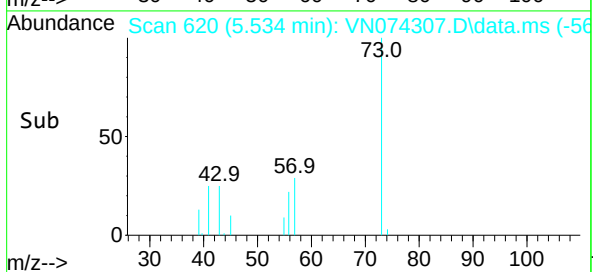
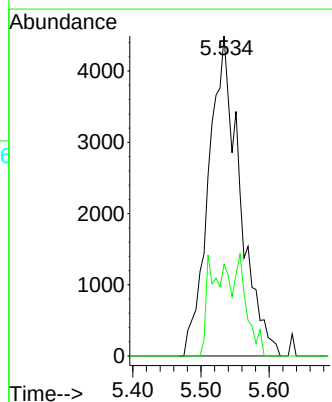
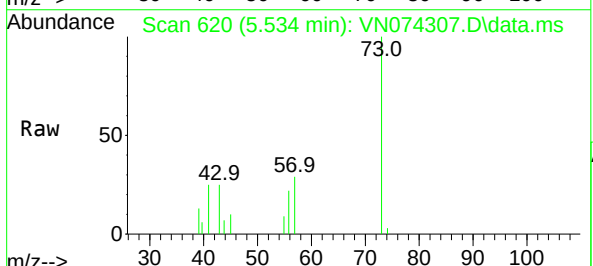
Instrument :
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ClientSampleId :
MW-43

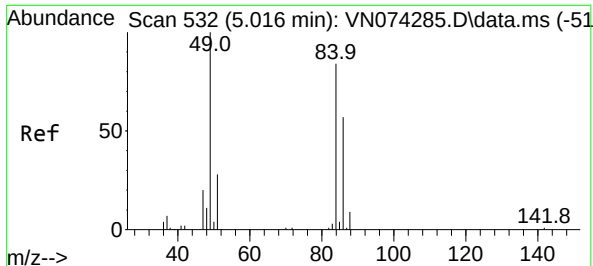
Tgt Ion: 76 Resp: 1162
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#19
Methyl tert-butyl Ether
Concen: 1.592 ug/l
RT: 5.534 min Scan# 620
Delta R.T. -0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion: 73 Resp: 14311
Ion Ratio Lower Upper
73 100
57 28.6 17.6 26.4#

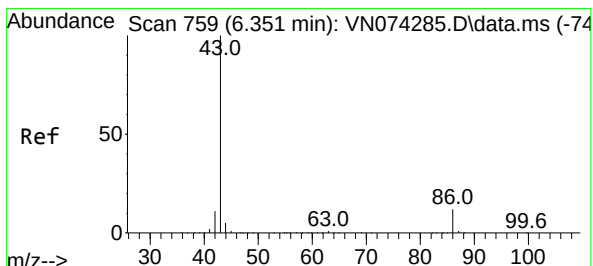
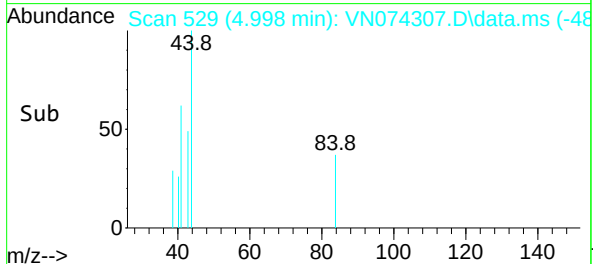
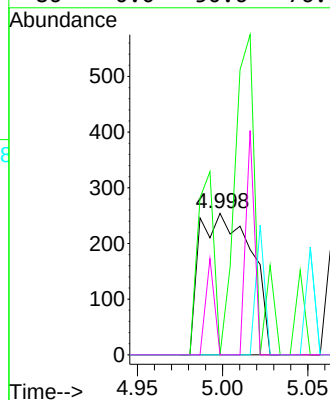
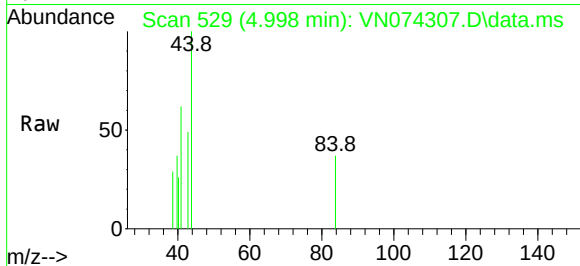




#20
Methylene Chloride
Concen: Below Cal
RT: 4.998 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

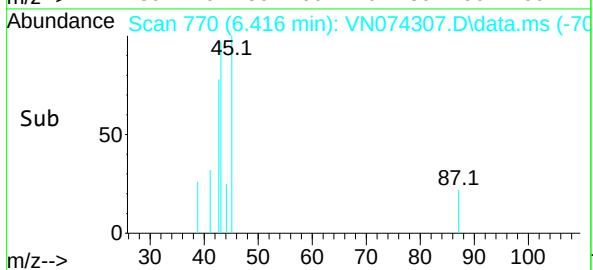
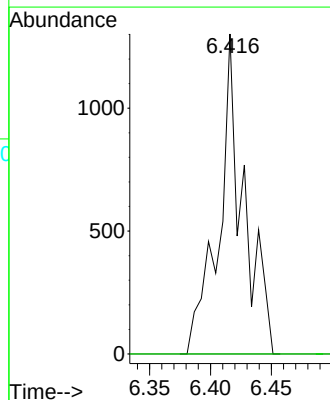
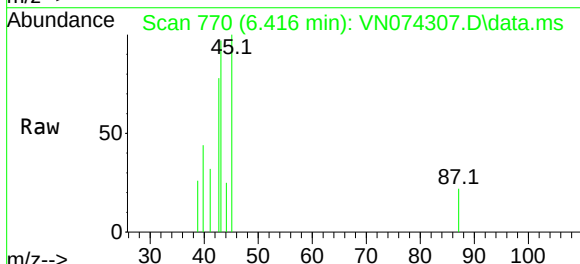
Instrument :
MSVOA_N
ClientSampleId :
MW-43

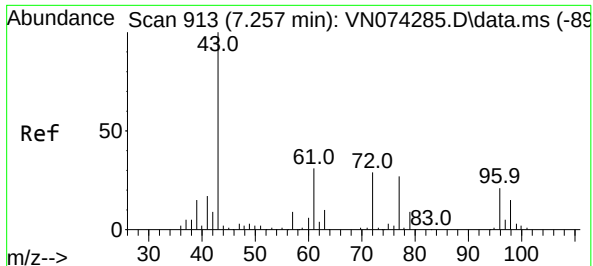
Tgt Ion:	84	Resp:	533
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#



#23
Vinyl Acetate
Concen: 0.248 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.065 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion:	43	Resp:	1845
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.0	15.0#





#25

2-Butanone

Concen: 1.733 ug/l

RT: 7.263 min Scan# 913

Delta R.T. 0.006 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

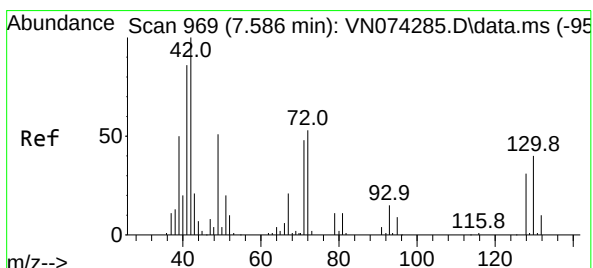
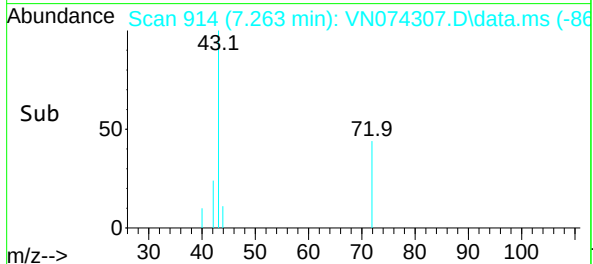
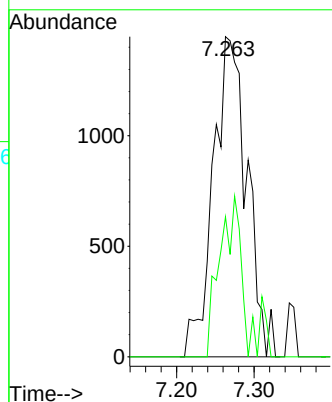
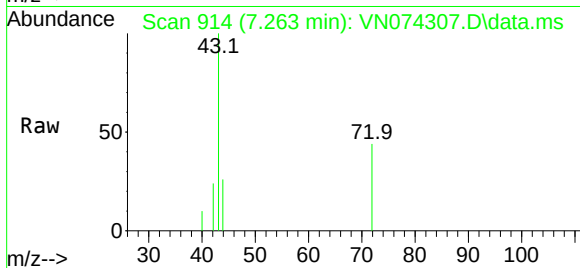
MW-43

Tgt Ion: 43 Resp: 4391

Ion Ratio Lower Upper

43 100

72 43.7 23.7 35.5#



#28

Bromochloromethane

Concen: 0.282 ug/l

RT: 7.675 min Scan# 984

Delta R.T. 0.089 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

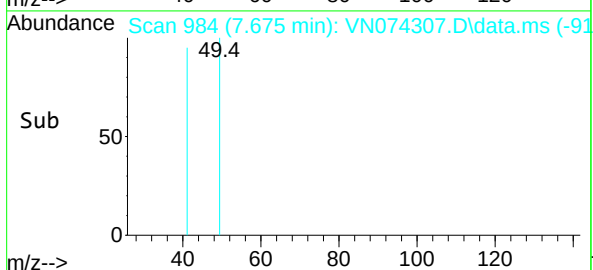
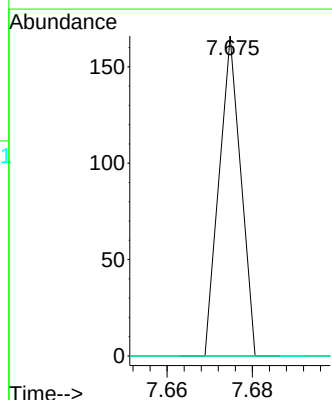
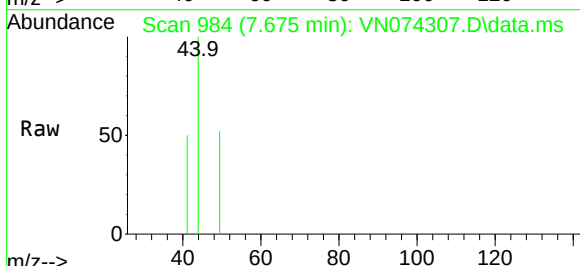
Tgt Ion: 49 Resp: 59

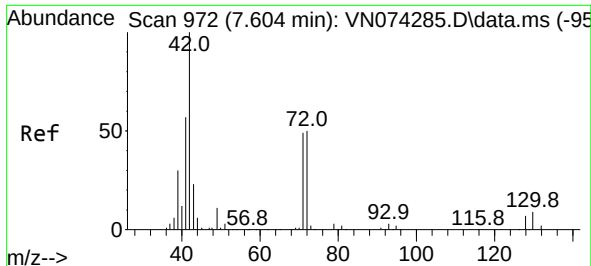
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 1.279 ug/l

RT: 7.622 min Scan# 91

Delta R.T. 0.012 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

MW-43

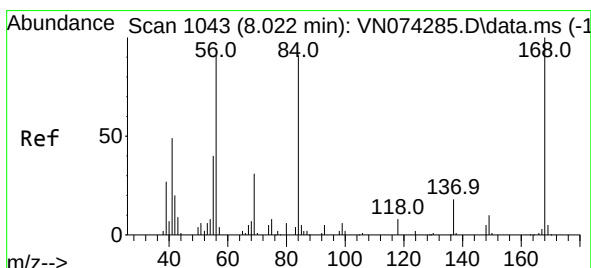
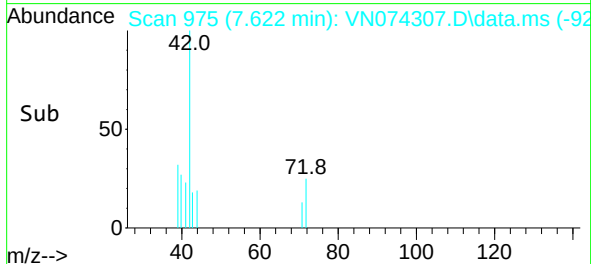
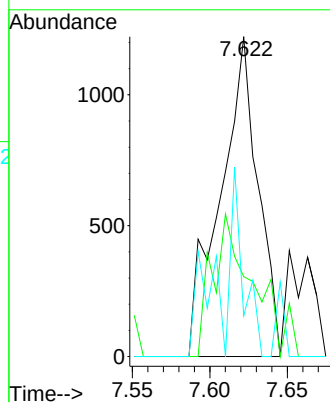
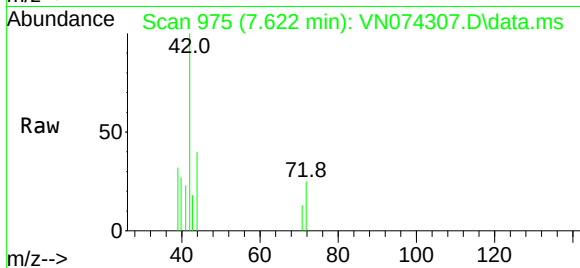
Tgt Ion: 42 Resp: 2068

Ion Ratio Lower Upper

42 100

72 49.0 39.7 59.5

71 20.0 36.6 55.0#



#31

Cyclohexane

Concen: 3.833 ug/l

RT: 8.028 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

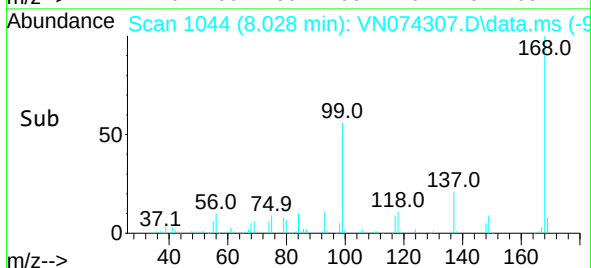
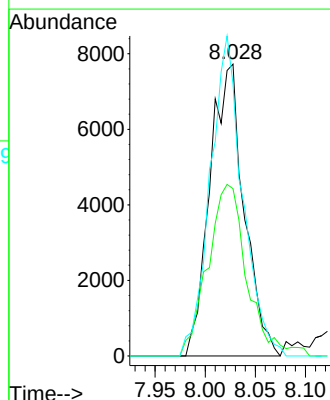
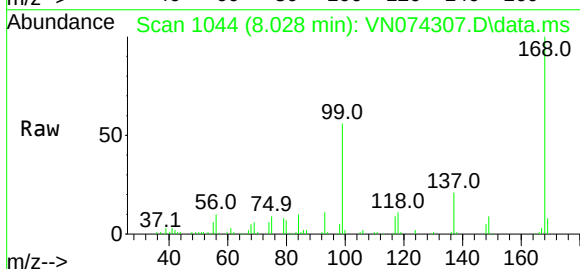
Tgt Ion: 56 Resp: 18383

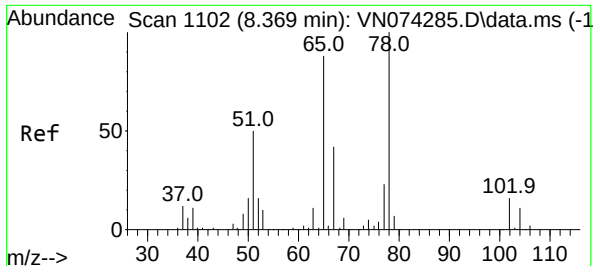
Ion Ratio Lower Upper

56 100

69 57.3 27.8 41.8#

84 93.2 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 44.422 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

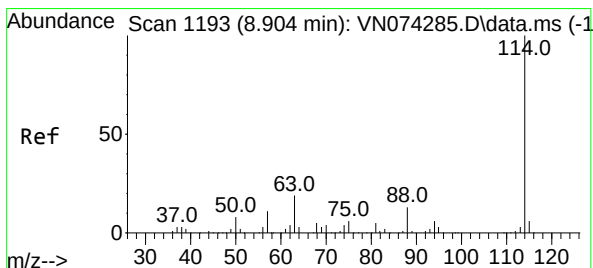
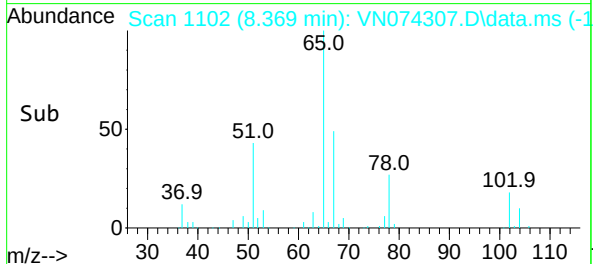
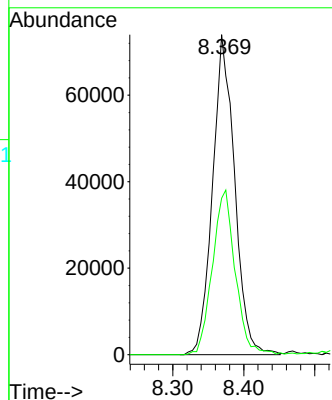
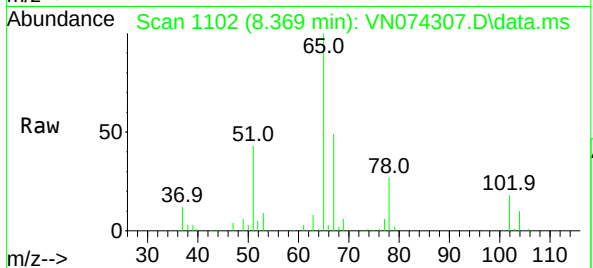
MW-43

Tgt Ion: 65 Resp: 159509

Ion Ratio Lower Upper

65 100

67 53.2 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: VN074307.D

Acq: 03 Sep 2022 00:14

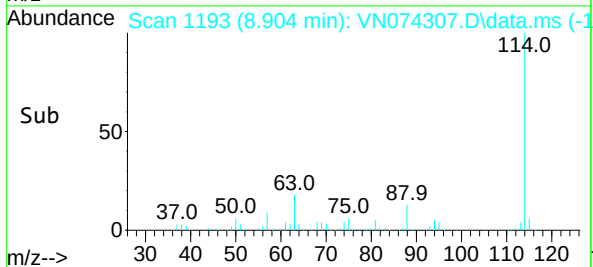
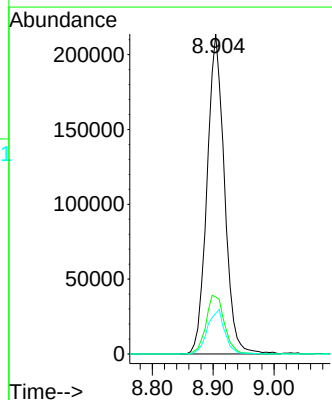
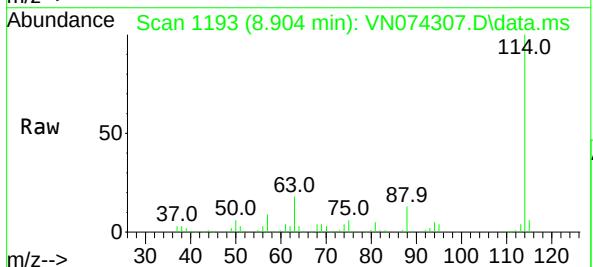
Tgt Ion: 114 Resp: 424447

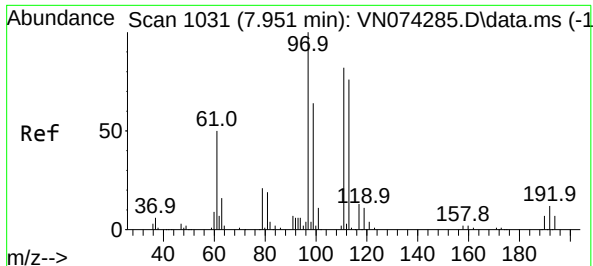
Ion Ratio Lower Upper

114 100

63 17.8 0.0 40.0

88 12.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.823 ug/l

RT: 7.951 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

MW-43

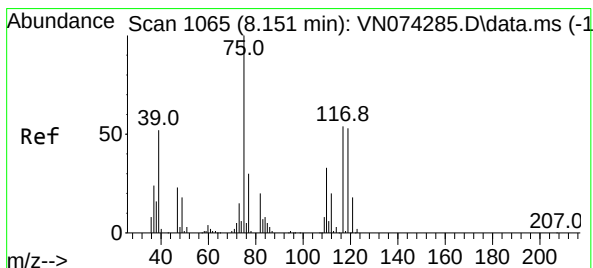
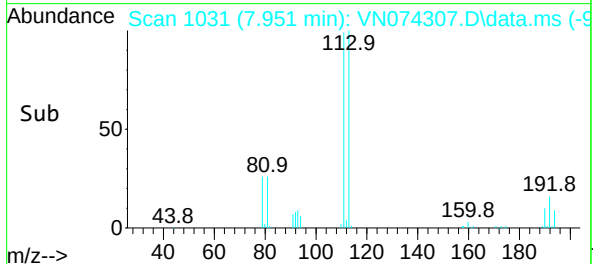
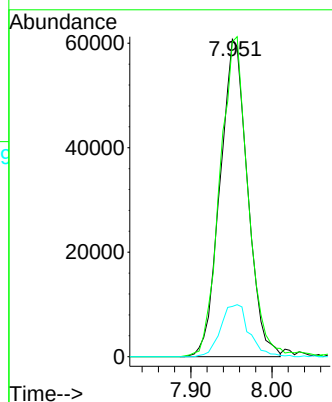
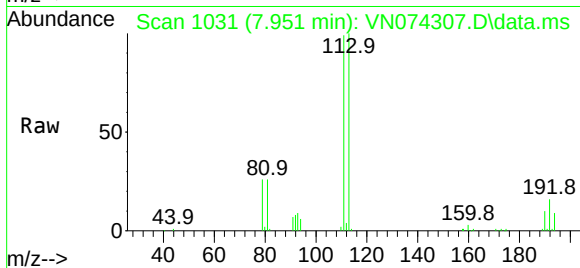
Tgt Ion:113 Resp: 142945

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 17.0 17.0 25.6#



#36

1,1-Dichloropropene

Concen: 5.051 ug/l

RT: 8.010 min Scan# 1041

Delta R.T. -0.147 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

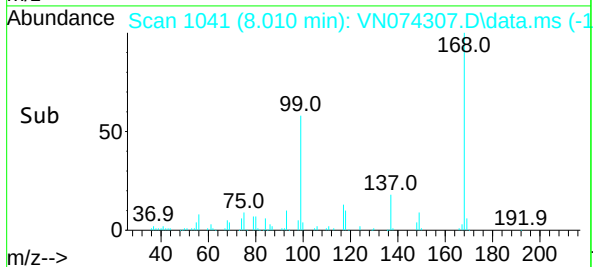
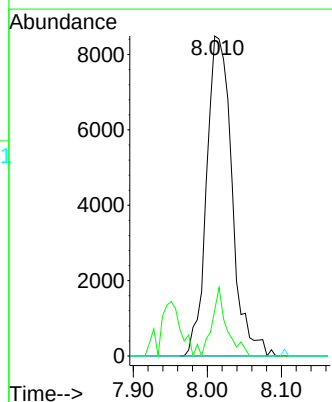
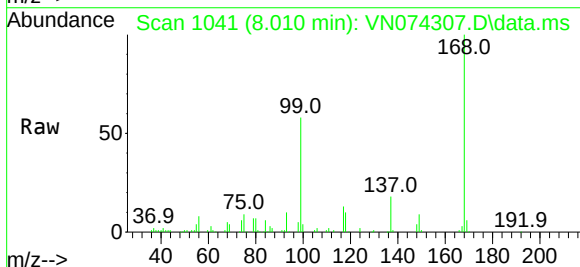
Tgt Ion: 75 Resp: 20164

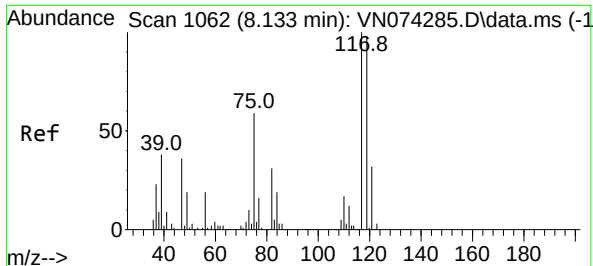
Ion Ratio Lower Upper

75 100

110 12.3 18.3 54.8#

77 0.0 25.1 37.7#

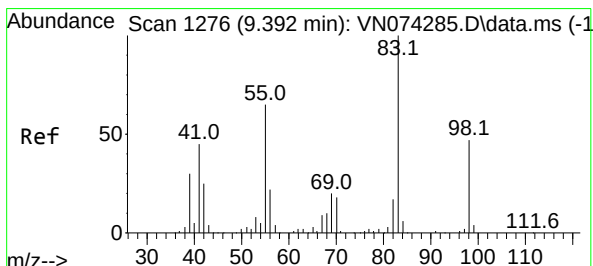
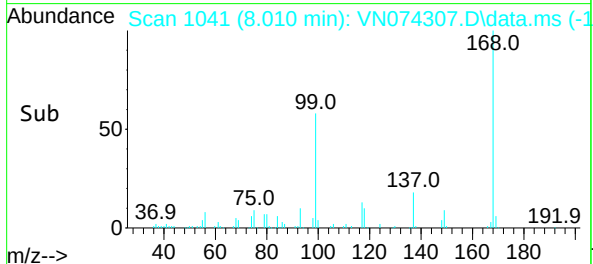
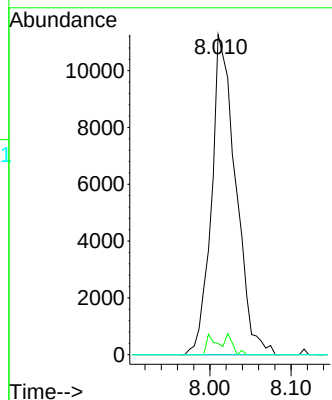
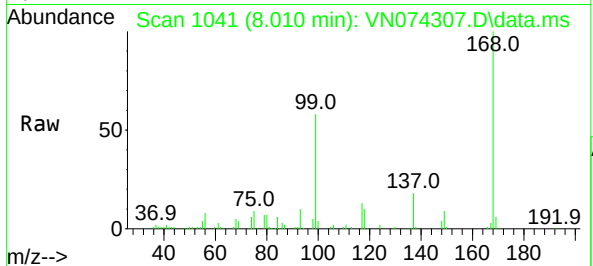




#38
Carbon Tetrachloride
Concen: 5.826 ug/l
RT: 8.010 min Scan# 117
Delta R.T. -0.123 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

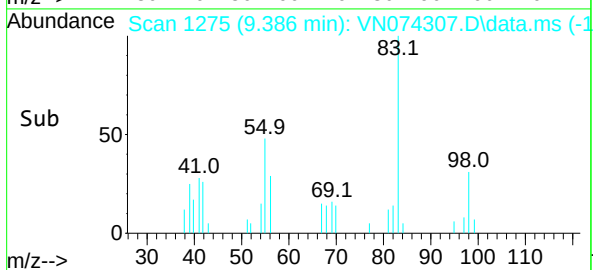
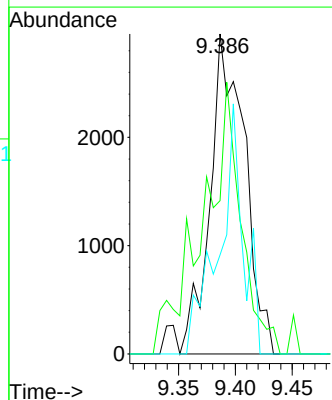
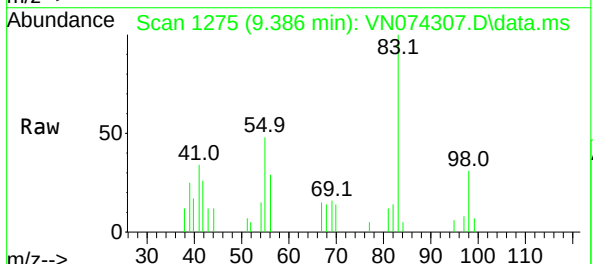
Instrument :
MSVOA_N
ClientSampleId :
MW-43

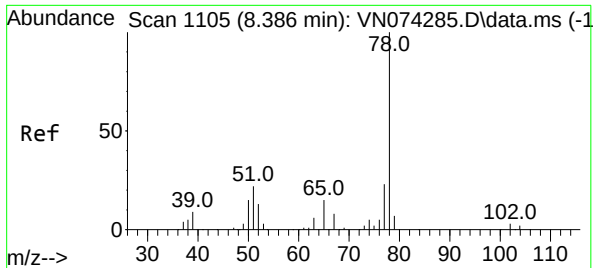
Tgt Ion:117 Resp: 23496
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 1.303 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion: 83 Resp: 6265
Ion Ratio Lower Upper
83 100
55 47.9 57.8 86.8#
98 30.9 39.4 59.2#

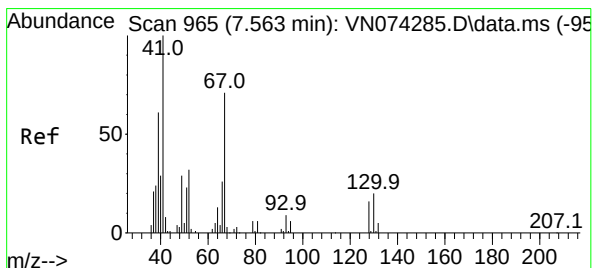
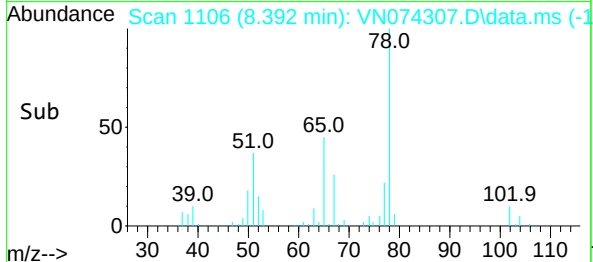
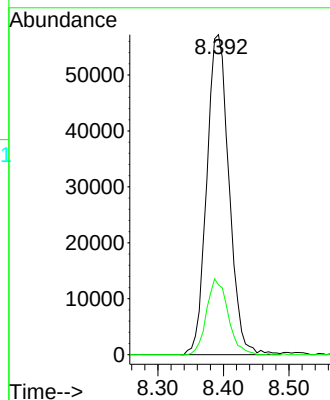
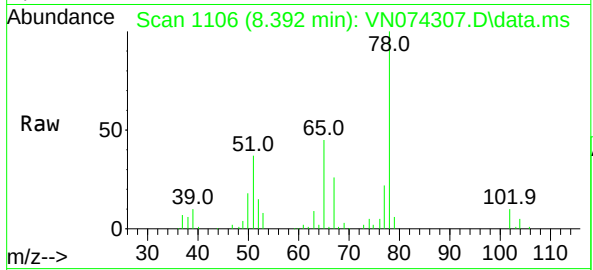




#40
Benzene
Concen: 10.712 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

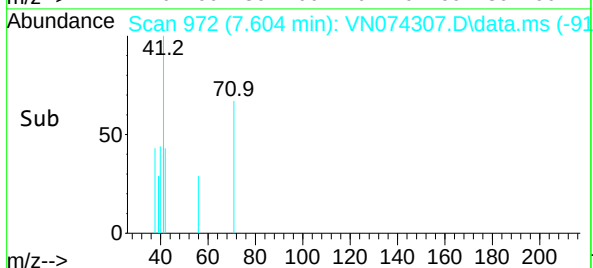
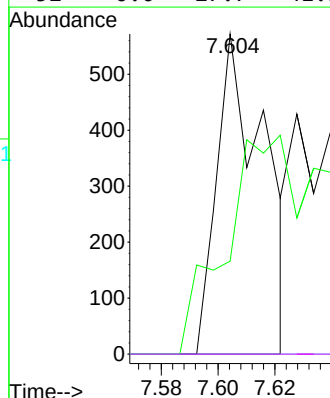
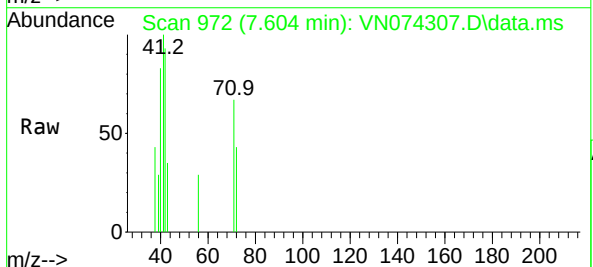
Instrument :
MSVOA_N
ClientSampleId :
MW-43

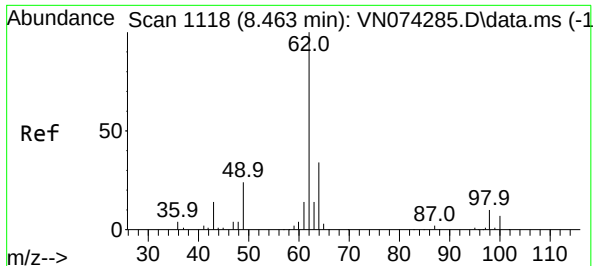
Tgt Ion: 78 Resp: 134892
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0



#41
Methacrylonitrile
Concen: 0.282 ug/l
RT: 7.604 min Scan# 972
Delta R.T. 0.035 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion: 41 Resp: 662
Ion Ratio Lower Upper
41 100
39 142.7 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 0.379 ug/l

RT: 8.386 min Scan# 1118

Delta R.T. -0.077 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

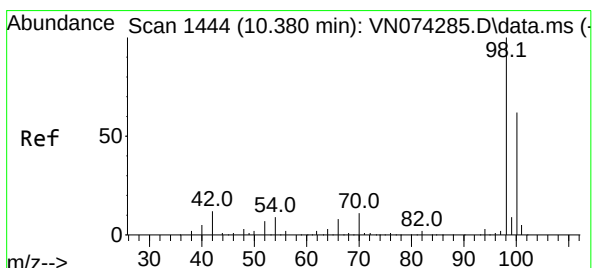
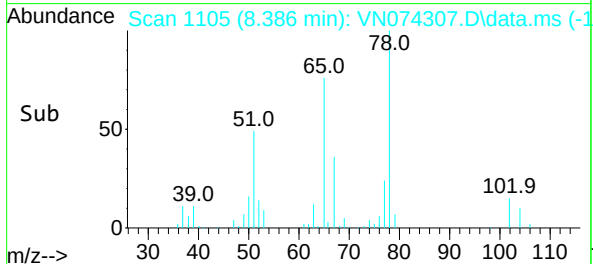
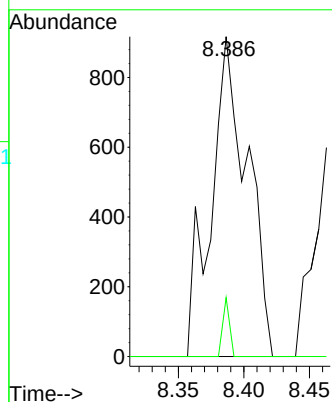
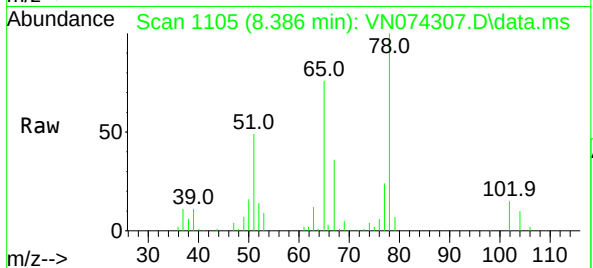
MW-43

Tgt Ion: 62 Resp: 1776

Ion Ratio Lower Upper

62 100

98 3.4 0.0 19.4



#50

Toluene-d8

Concen: 44.287 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN074307.D

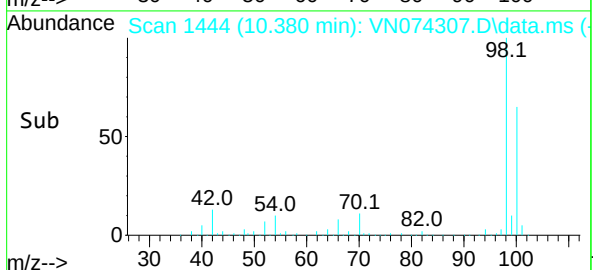
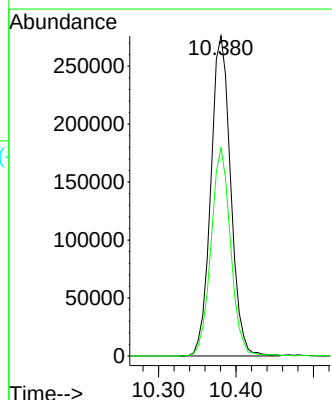
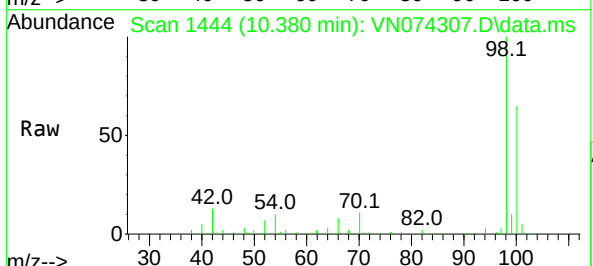
Acq: 03 Sep 2022 00:14

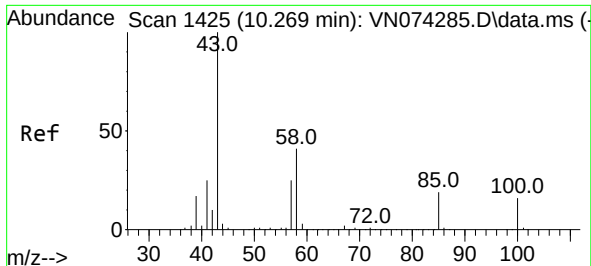
Tgt Ion: 98 Resp: 491173

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.348 ug/l

RT: 10.269 min Scan# 1425

Delta R.T. -0.006 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

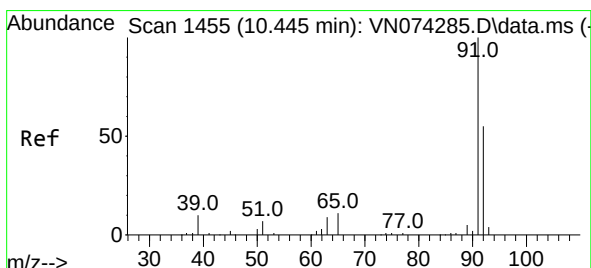
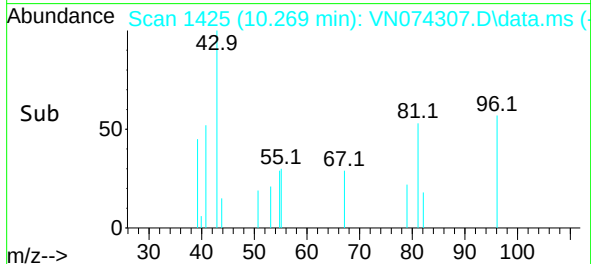
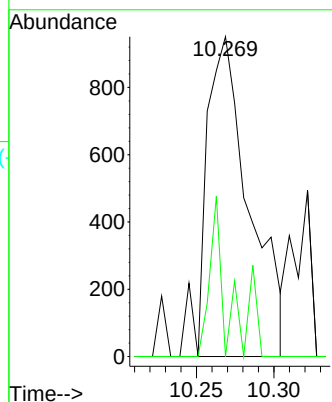
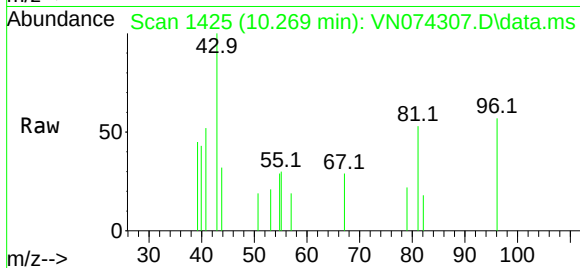
MW-43

Tgt Ion: 43 Resp: 1849

Ion Ratio Lower Upper

43 100

58 16.4 34.1 51.1#



#52

Toluene

Concen: 0.248 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. -0.006 min

Lab File: VN074307.D

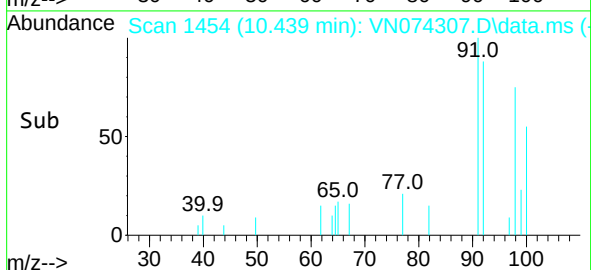
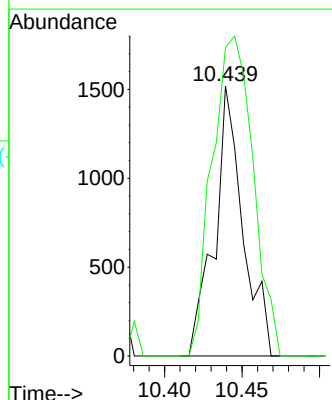
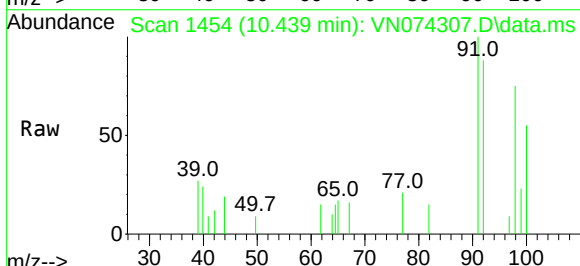
Acq: 03 Sep 2022 00:14

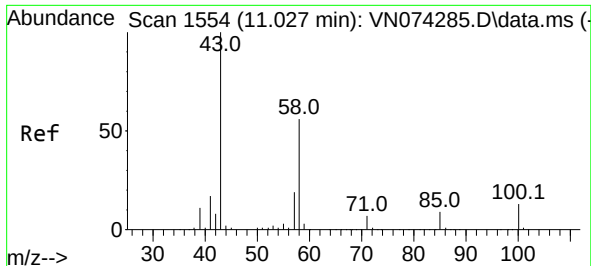
Tgt Ion: 92 Resp: 1931

Ion Ratio Lower Upper

92 100

91 171.6 138.6 207.8

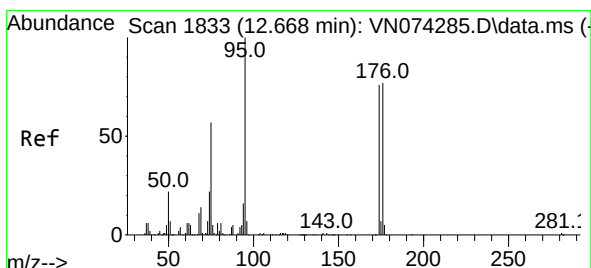
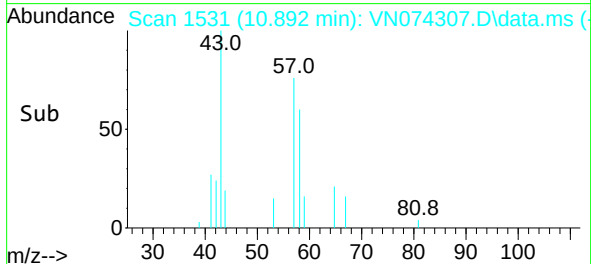
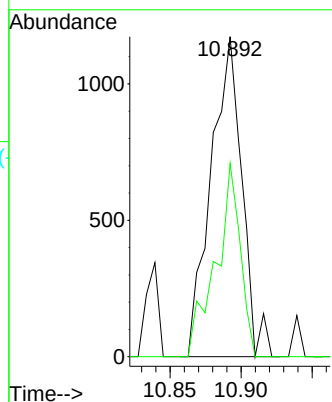
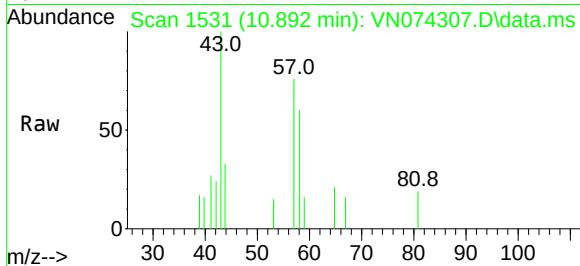




#59
2-Hexanone
Concen: 0.441 ug/l
RT: 10.892 min Scan# 11
Delta R.T. -0.135 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

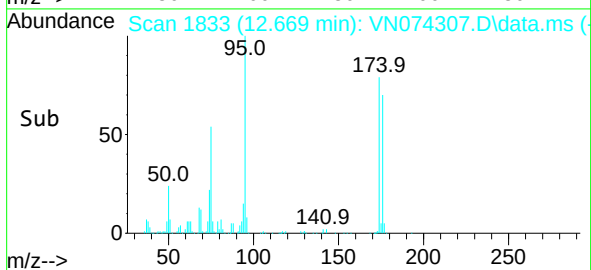
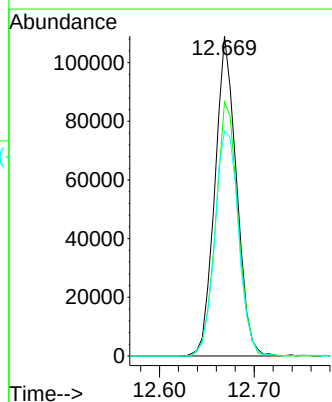
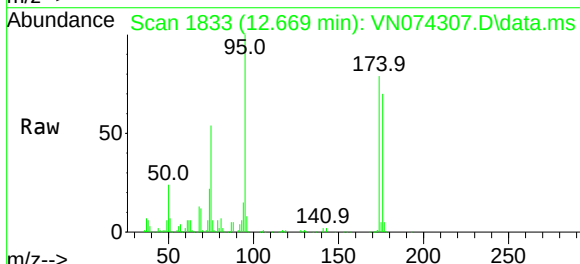
Instrument :
MSVOA_N
ClientSampleId :
MW-43

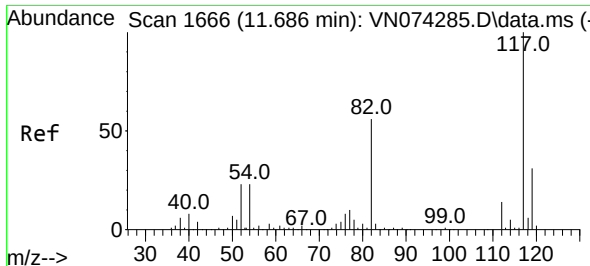
Tgt Ion: 43 Resp: 1773
Ion Ratio Lower Upper
43 100
58 47.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 42.993 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion: 95 Resp: 172761
Ion Ratio Lower Upper
95 100
174 81.9 0.0 167.6
176 77.4 0.0 163.4

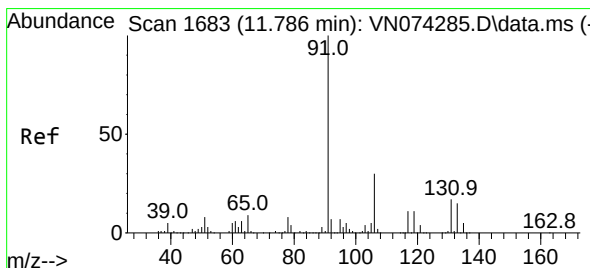
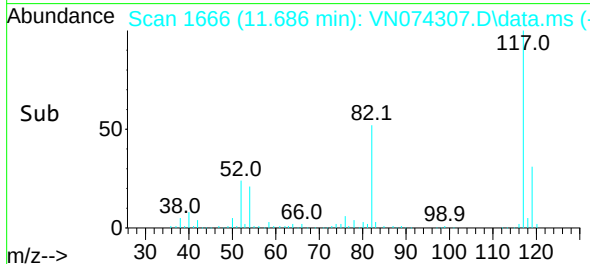
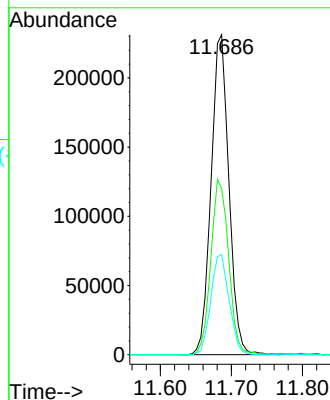
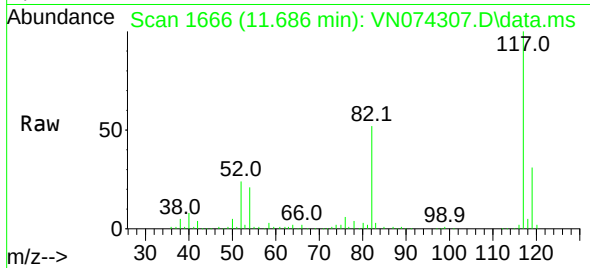




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

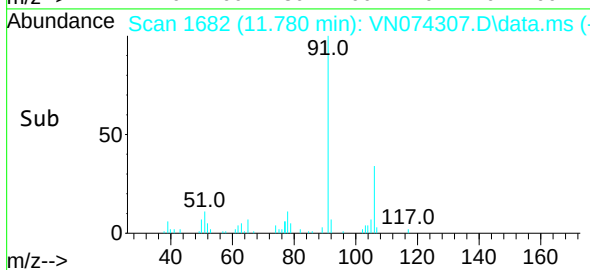
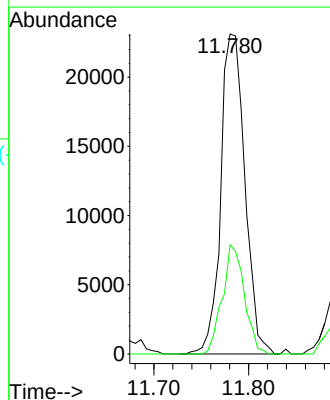
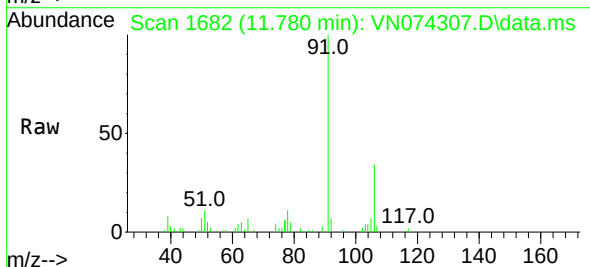
Instrument :
MSVOA_N
ClientSampleId :
MW-43

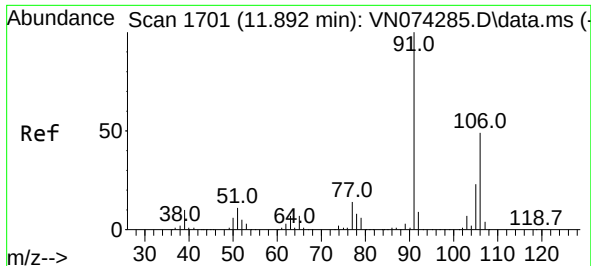
Tgt Ion:117 Resp: 402320
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 31.3 25.4 38.0



#67
Ethyl Benzene
Concen: 2.523 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion: 91 Resp: 40904
Ion Ratio Lower Upper
91 100
106 34.1 24.9 37.3

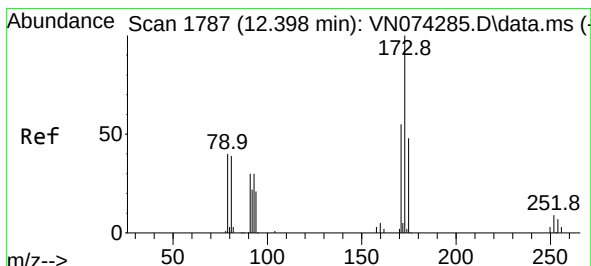
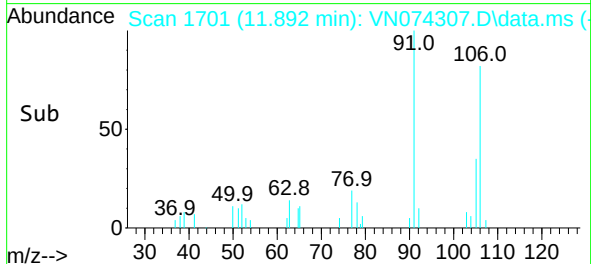
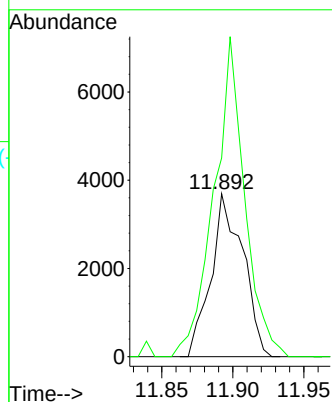
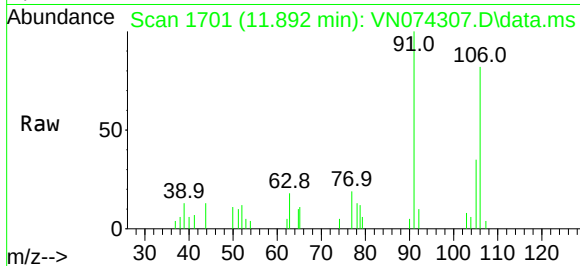




#68
m/p-Xylenes
Concen: 0.955 ug/l
RT: 11.892 min Scan# 1183
Delta R.T. 0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

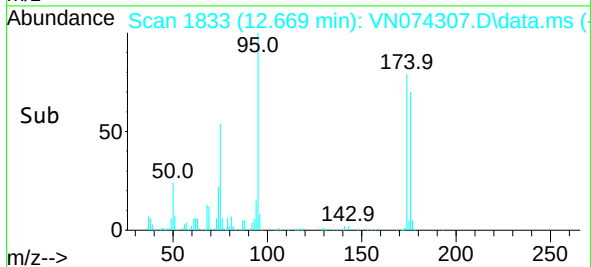
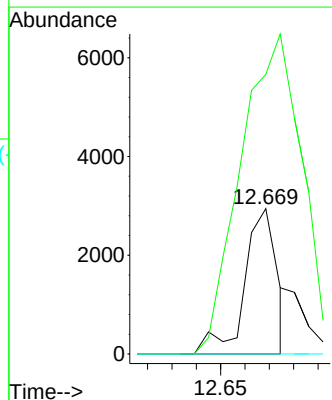
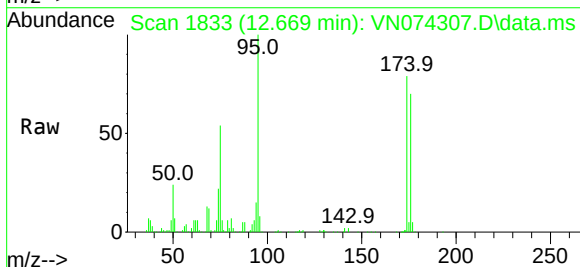
Instrument :
MSVOA_N
ClientSampleId :
MW-43

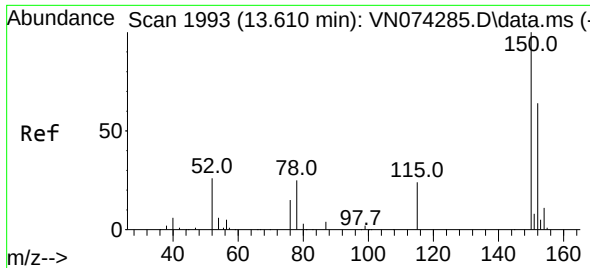
Tgt Ion:106 Resp: 5778
Ion Ratio Lower Upper
106 100
91 188.2 158.9 238.3



#71
Bromoform
Concen: 1.159 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion:173 Resp: 2744
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

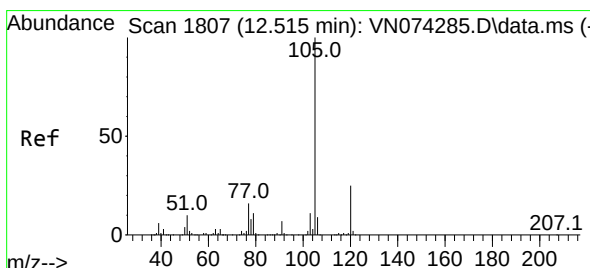
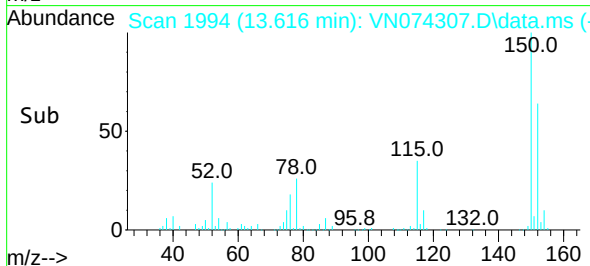
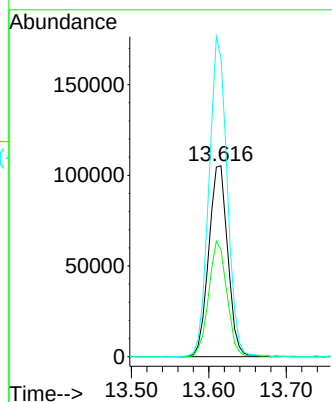
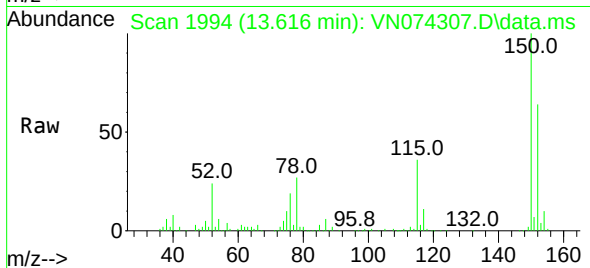




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.006 min
 Lab File: VN074307.D
 Acq: 03 Sep 2022 00:14

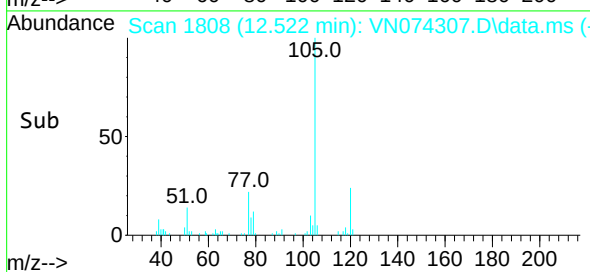
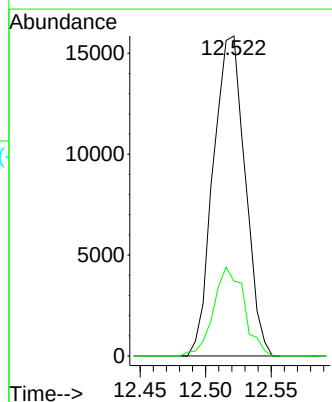
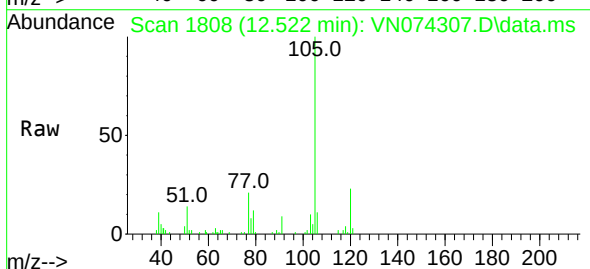
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-43

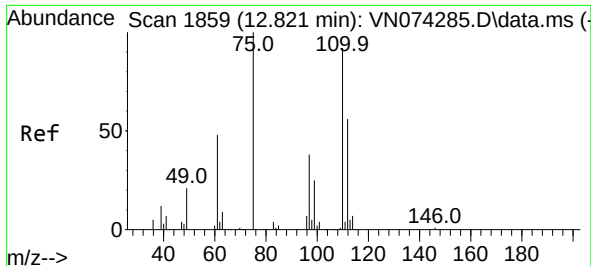
Tgt Ion:152 Resp: 179805
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.9 86.7
 150 160.0 0.0 356.2



#73
 Isopropylbenzene
 Concen: 1.701 ug/l
 RT: 12.522 min Scan# 1808
 Delta R.T. 0.005 min
 Lab File: VN074307.D
 Acq: 03 Sep 2022 00:14

Tgt Ion:105 Resp: 26786
 Ion Ratio Lower Upper
 105 100
 120 26.7 13.5 40.4

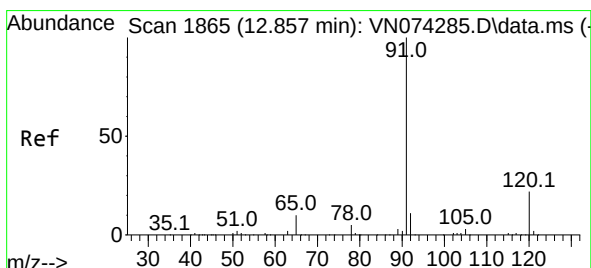
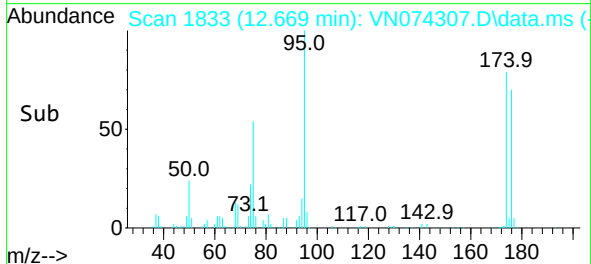
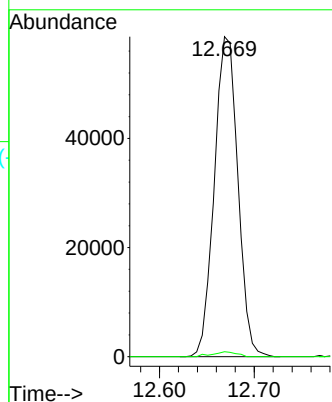
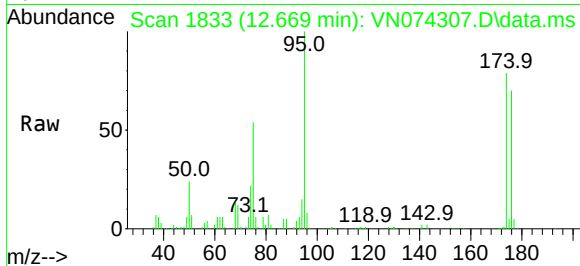




#76
1,2,3-Trichloropropane
Concen: 19.895 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.152 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

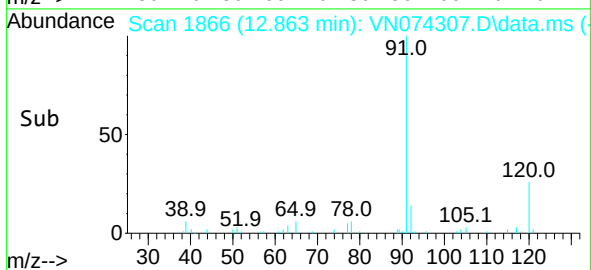
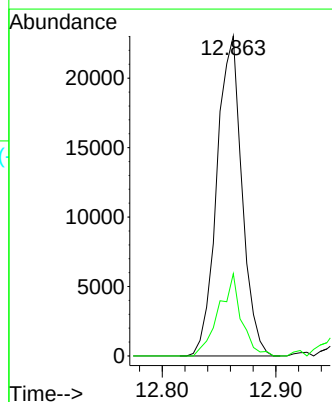
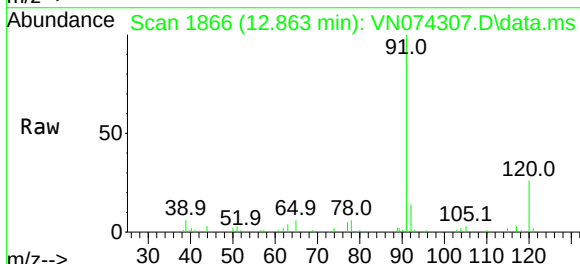
Instrument :
MSVOA_N
ClientSampleId :
MW-43

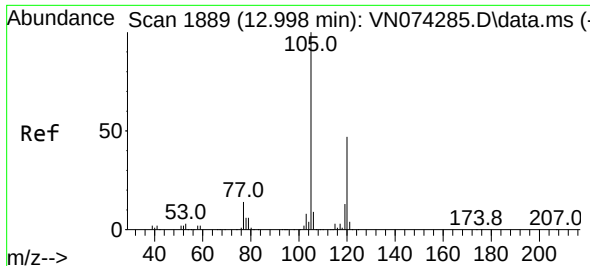
Tgt Ion: 75 Resp: 101313
Ion Ratio Lower Upper
75 100
77 1.6 98.5 295.5#



#78
n-propylbenzene
Concen: 1.961 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion: 91 Resp: 35286
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5

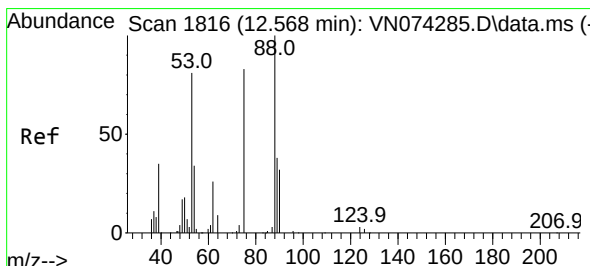
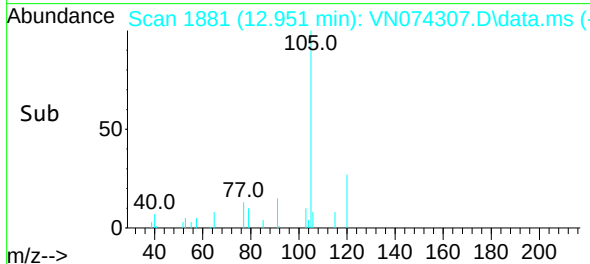
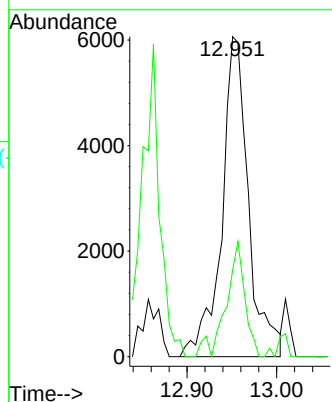
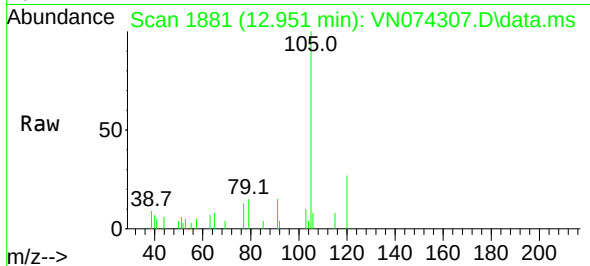




#80
 1,3,5-Trimethylbenzene
 Concen: 0.989 ug/l
 RT: 12.951 min Scan# 11
 Delta R.T. -0.047 min
 Lab File: VN074307.D
 Acq: 03 Sep 2022 00:14

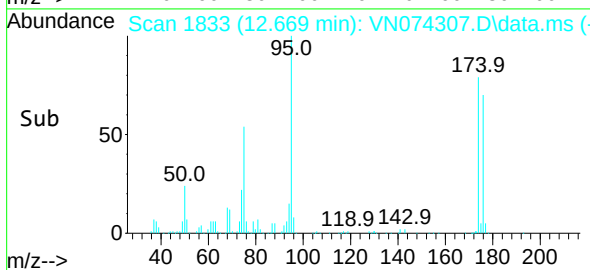
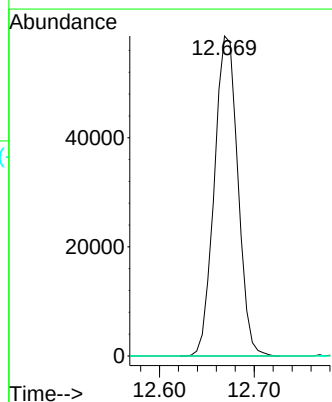
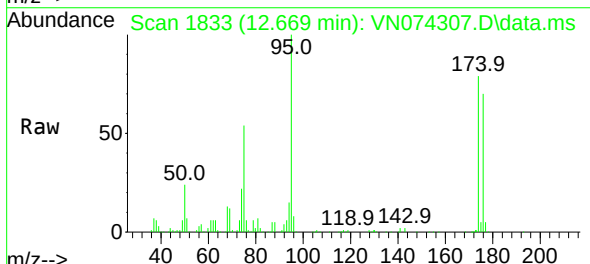
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-43

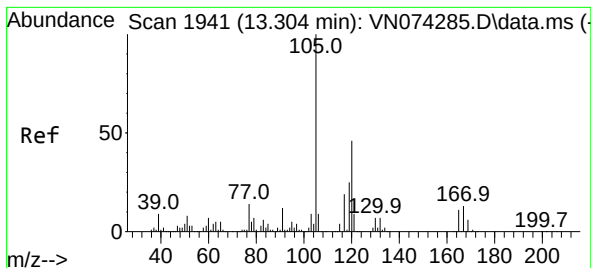
Tgt Ion:105 Resp: 12483
 Ion Ratio Lower Upper
 105 100
 120 25.5 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.583 ug/l
 RT: 12.669 min Scan# 1833
 Delta R.T. 0.106 min
 Lab File: VN074307.D
 Acq: 03 Sep 2022 00:14

Tgt Ion: 75 Resp: 101313
 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: 2.884 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

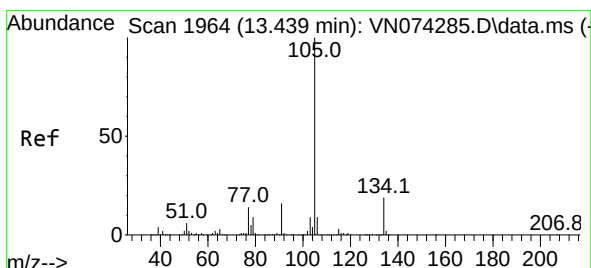
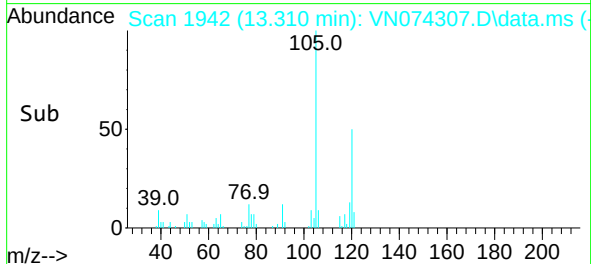
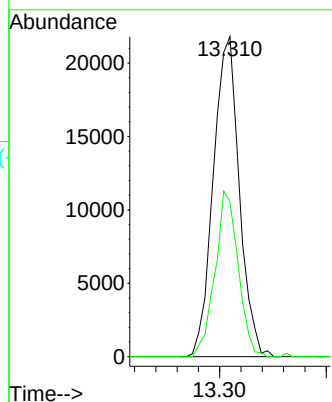
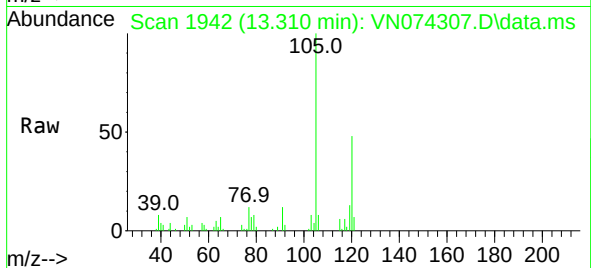
MW-43

Tgt Ion:105 Resp: 36877

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8



#85

sec-Butylbenzene

Concen: 0.431 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN074307.D

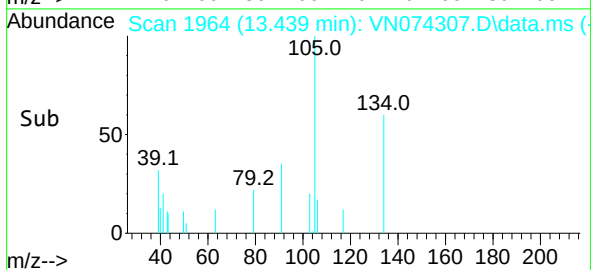
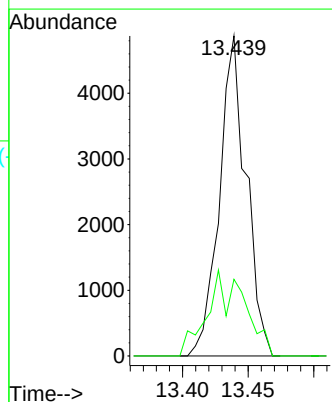
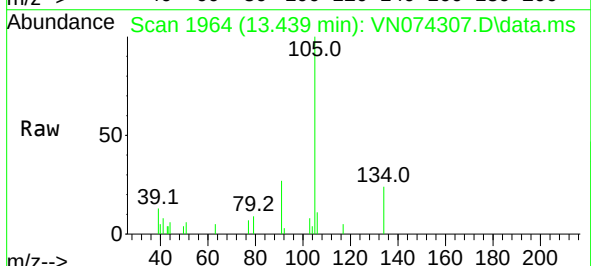
Acq: 03 Sep 2022 00:14

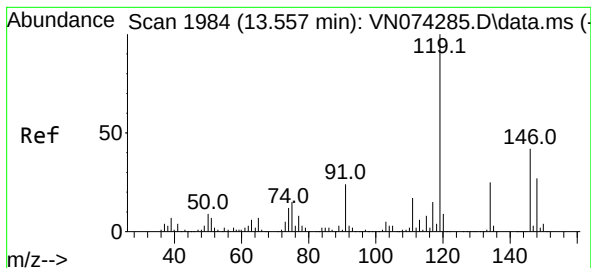
Tgt Ion:105 Resp: 6901

Ion Ratio Lower Upper

105 100

134 19.4 10.4 31.1





#86

p-Isopropyltoluene

Concen: 0.206 ug/l

RT: 13.710 min Scan# 20

Delta R.T. 0.153 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

MW-43

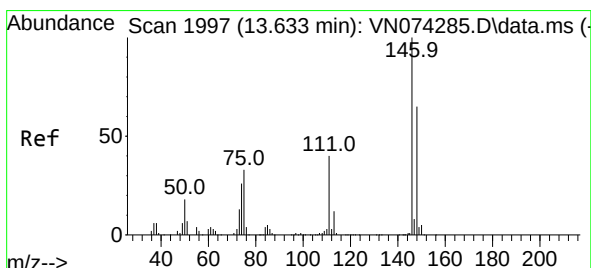
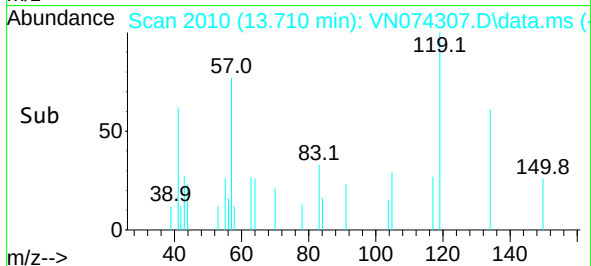
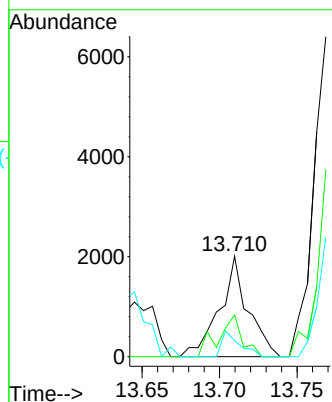
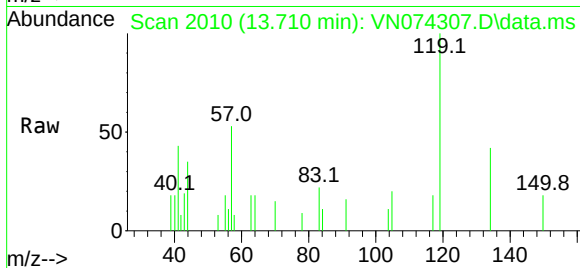
Tgt Ion:119 Resp: 2567

Ion Ratio Lower Upper

119 100

134 34.6 13.3 39.8

91 15.9 11.3 33.9



#88

1,4-Dichlorobenzene

Concen: 0.204 ug/l

RT: 13.621 min Scan# 1995

Delta R.T. -0.012 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

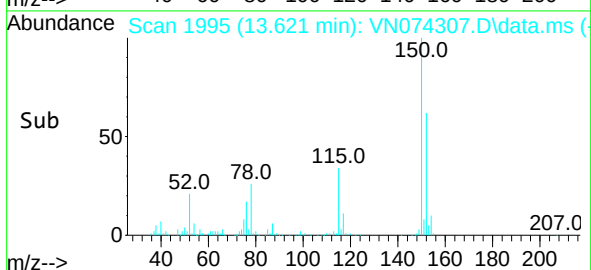
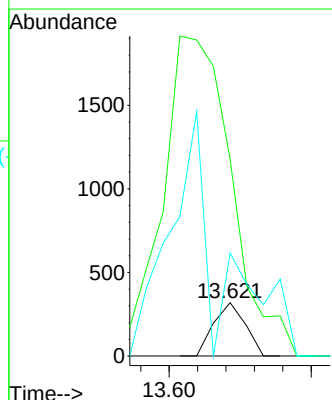
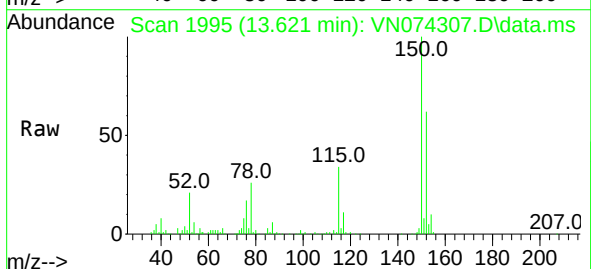
Tgt Ion:146 Resp: 245

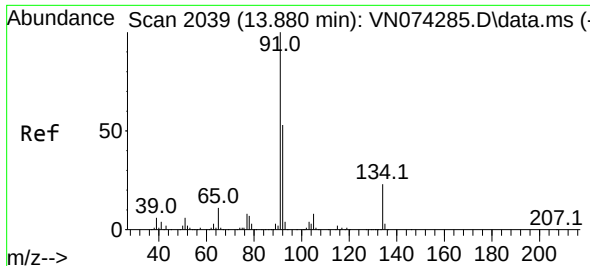
Ion Ratio Lower Upper

146 100

111 1320.8 19.1 57.1#

148 637.1 31.4 94.3#

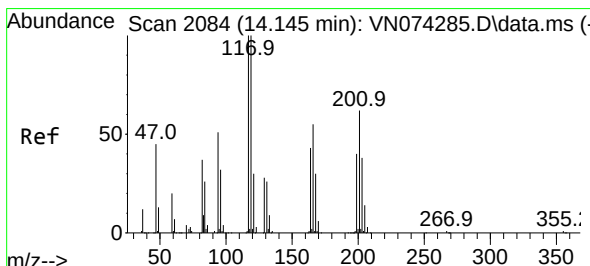
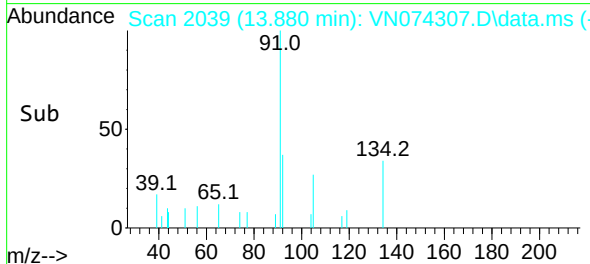
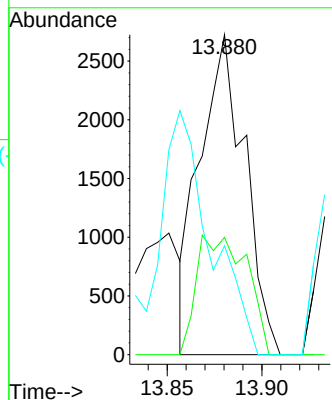
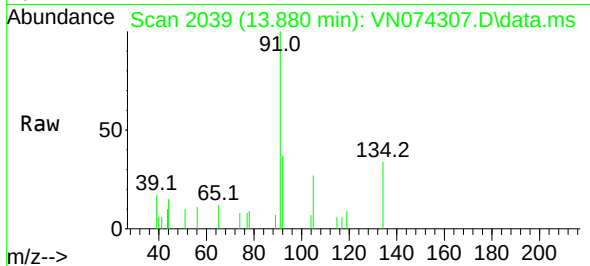




#89
n-Butylbenzene
Concen: 0.412 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

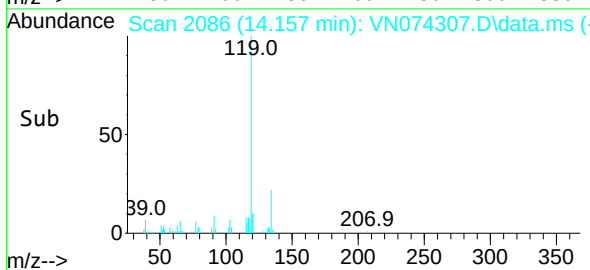
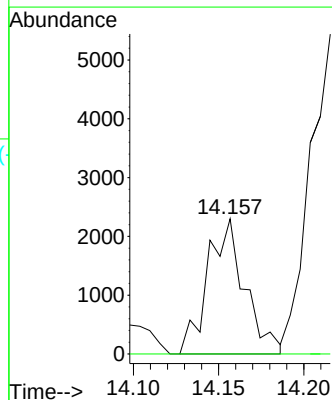
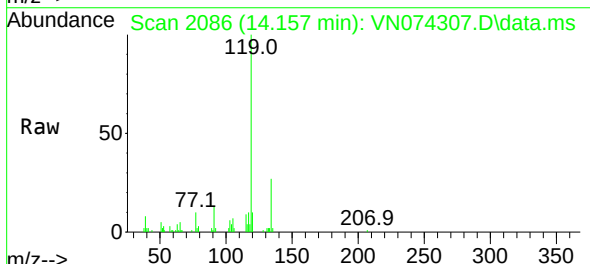
Instrument :
MSVOA_N
ClientSampleId :
MW-43

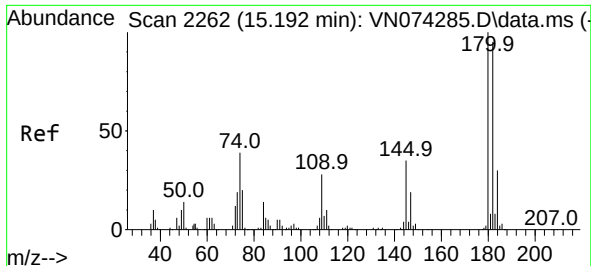
Tgt Ion: 91 Resp: 4482
Ion Ratio Lower Upper
91 100
92 41.7 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 1.433 ug/l
RT: 14.157 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VN074307.D
Acq: 03 Sep 2022 00:14

Tgt Ion: 117 Resp: 3473
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#93

1,2,4-Trichlorobenzene

Concen: 0.872 ug/l

RT: 15.210 min Scan# 21

Delta R.T. 0.012 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Instrument :

MSVOA_N

ClientSampleId :

MW-43

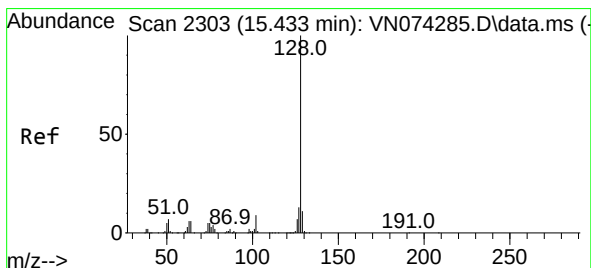
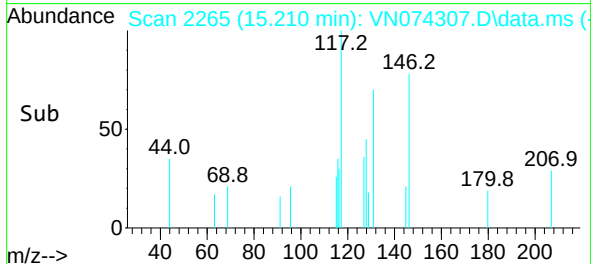
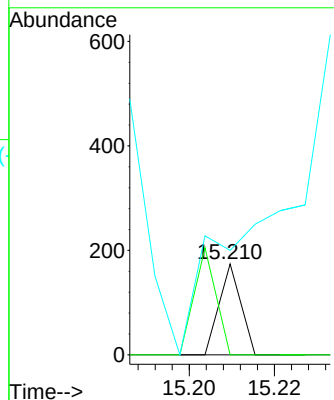
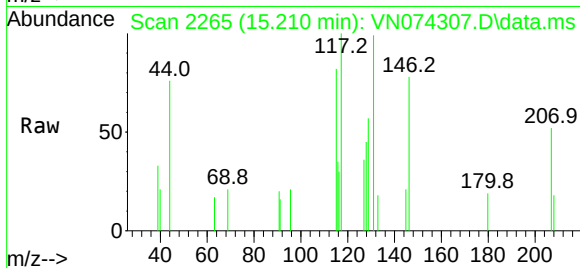
Tgt Ion:180 Resp: 61

Ion Ratio Lower Upper

180 100

182 118.0 47.5 142.5

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 3.119 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN074307.D

Acq: 03 Sep 2022 00:14

Tgt Ion:128 Resp: 31124

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.9 8.6 13.0

