

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072246.D
 Acq On : 28 Apr 2022 18:35
 Operator : JC\MD
 Sample : N2617-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-121

Quant Time: Apr 29 06:36:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

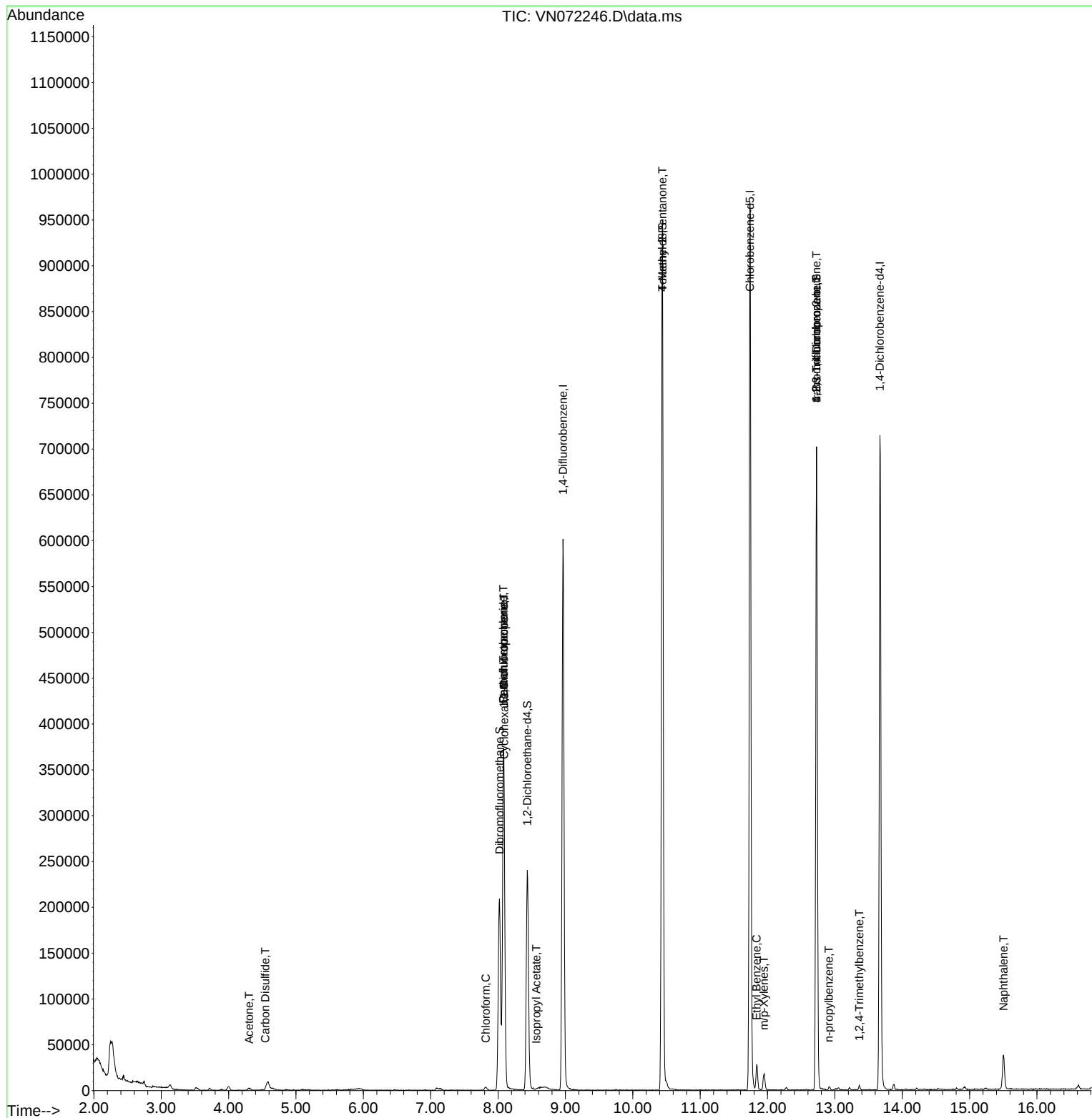
Internal Standards						
1) Pentafluorobenzene	8.080	168	273213	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	507195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	535807	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	192777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	214525	51.145	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.300%	
35) Dibromofluoromethane	8.022	113	155577	47.924	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.840%	
50) Toluene-d8	10.439	98	652376	51.142	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.280%	
62) 4-Bromofluorobenzene	12.727	95	250402	59.141	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 118.280%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.310	50	2155	Below Cal	#	43
5) Bromomethane	2.869	94	186	Below Cal		92
6) Chloroethane	3.169	64	393	Below Cal	#	42
16) Acetone	4.304	43	2518	1.392	ug/l	# 71
17) Carbon Disulfide	4.545	76	168	0.390	ug/l	# 75
30) Chloroform	7.816	83	3719	0.593	ug/l	99
31) Cyclohexane	8.092	56	6875	1.227	ug/l	# 54
36) 1,1-Dichloropropene	8.086	75	23681	5.012	ug/l	# 49
38) Carbon Tetrachloride	8.080	117	30677	6.062	ug/l	# 17
43) Isopropyl Acetate	8.569	43	569	0.858	ug/l	# 53
51) 4-Methyl-2-Pentanone	10.439	43	2920	0.493	ug/l	# 1
67) Ethyl Benzene	11.839	91	21112	1.118	ug/l	98
68) m/p-Xylenes	11.945	106	6276	0.895	ug/l	87
76) 1,2,3-Trichloropropane	12.727	75	136950	31.609	ug/l	# 1
78) n-propylbenzene	12.910	91	3835	0.204	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.727	75	136950	82.142	ug/l	# 10
84) 1,2,4-Trimethylbenzene	13.362	105	3342	0.244	ug/l	93
95) Naphthalene	15.504	128	41692	8.116	ug/l	99

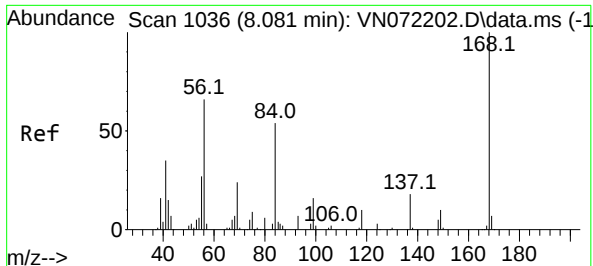
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

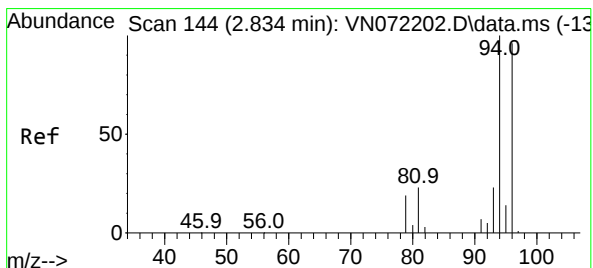
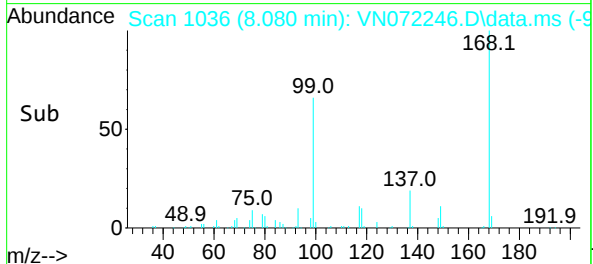
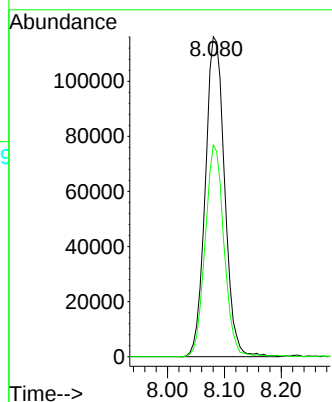
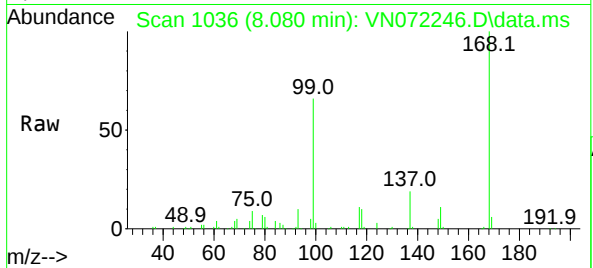




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

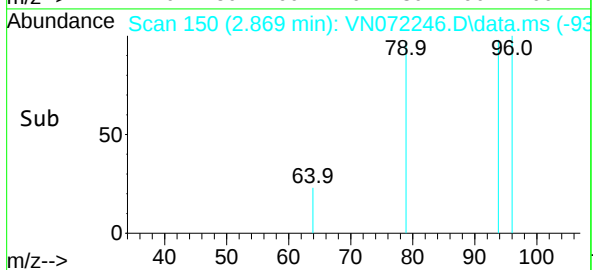
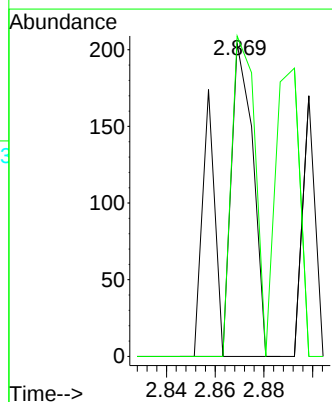
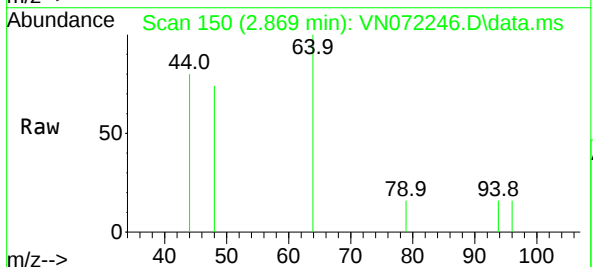
Instrument :
MSVOA_N
ClientSampleId :
MW-12I

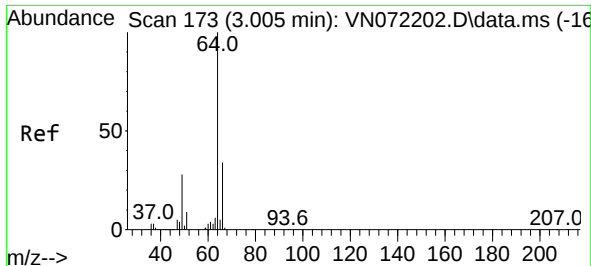
Tgt Ion:168 Resp: 273213
Ion Ratio Lower Upper
168 100
99 66.2 42.3 63.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 150
Delta R.T. 0.035 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

Tgt Ion: 94 Resp: 186
Ion Ratio Lower Upper
94 100
96 102.5 76.0 114.0

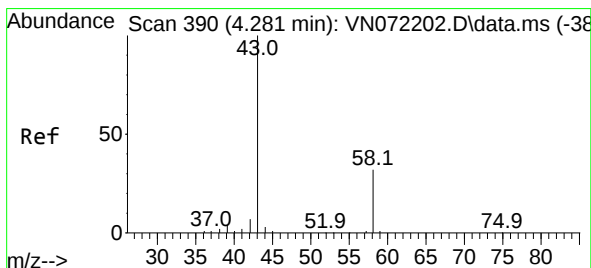
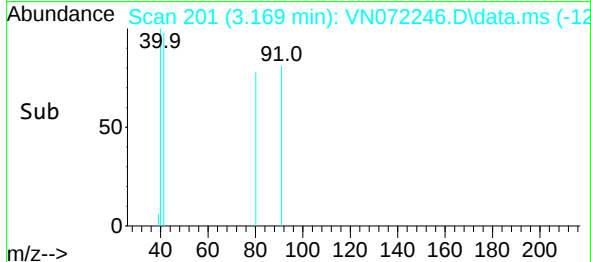
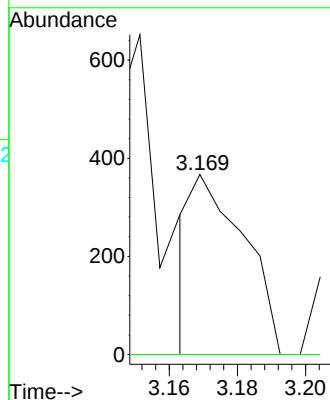
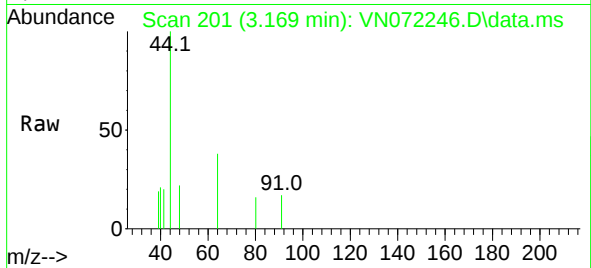




#6
Chloroethane
Concen: Below Cal
RT: 3.169 min Scan# 201
Delta R.T. 0.164 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

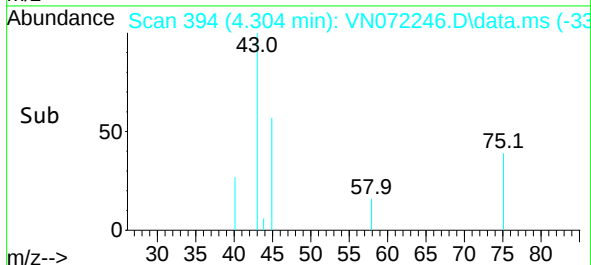
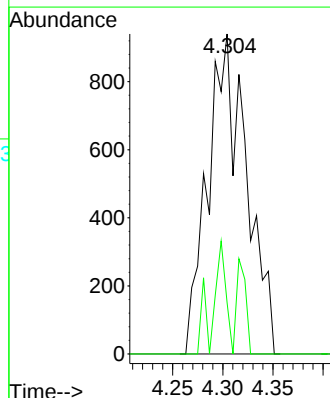
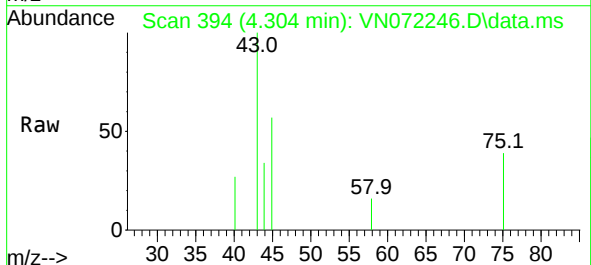
Instrument :
MSVOA_N
Client Sample Id :
MW-121

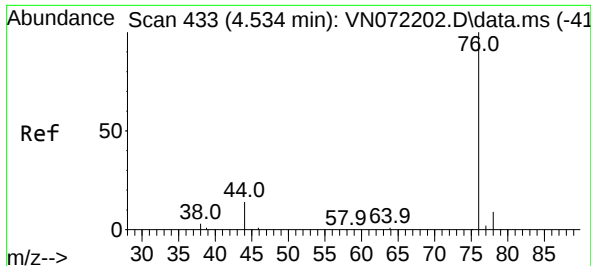
Tgt Ion: 64 Resp: 393
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 1.392 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
58 16.1 26.0 39.0#





#17

Carbon Disulfide

Concen: 0.390 ug/l

RT: 4.545 min Scan# 41

Delta R.T. 0.011 min

Lab File: VN072246.D

Acq: 28 Apr 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

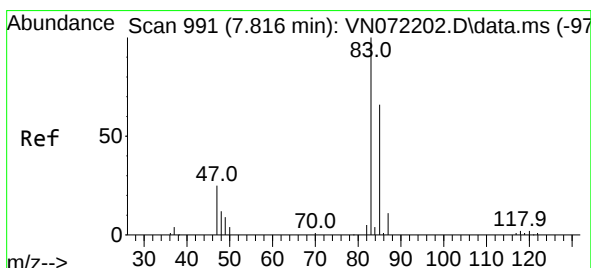
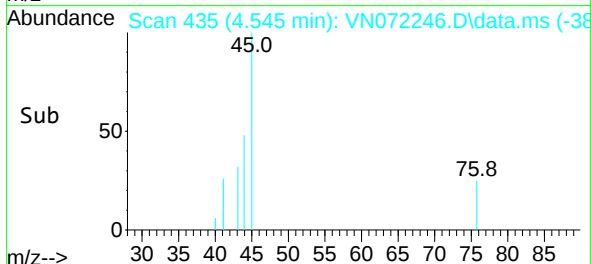
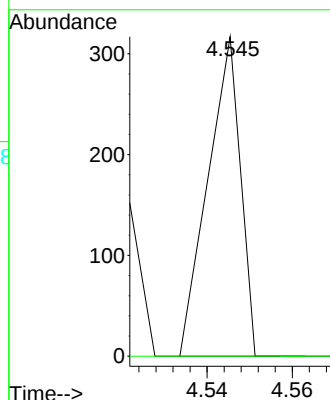
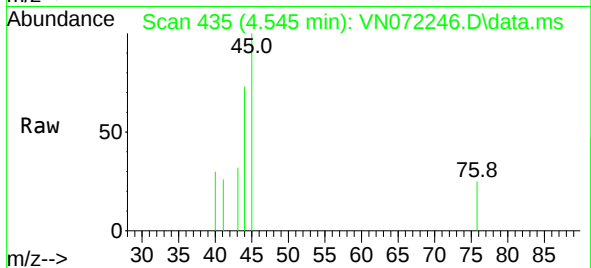
MW-121

Tgt Ion: 76 Resp: 168

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#30

Chloroform

Concen: 0.593 ug/l

RT: 7.816 min Scan# 991

Delta R.T. -0.000 min

Lab File: VN072246.D

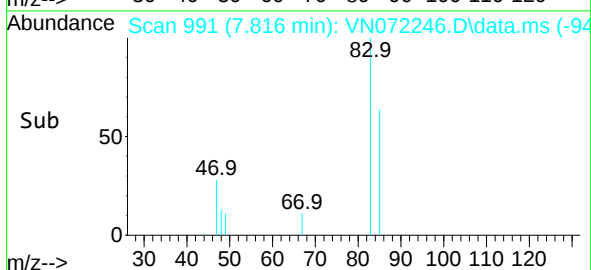
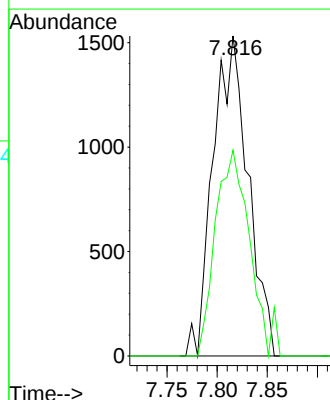
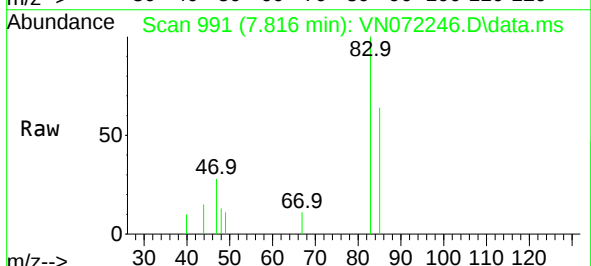
Acq: 28 Apr 2022 18:35

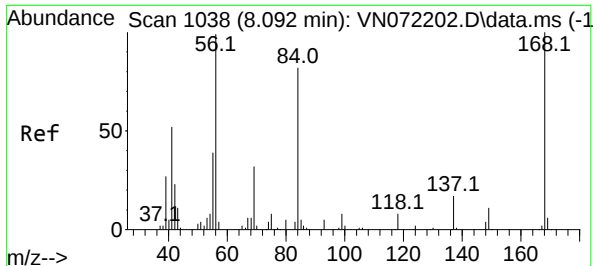
Tgt Ion: 83 Resp: 3719

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.8

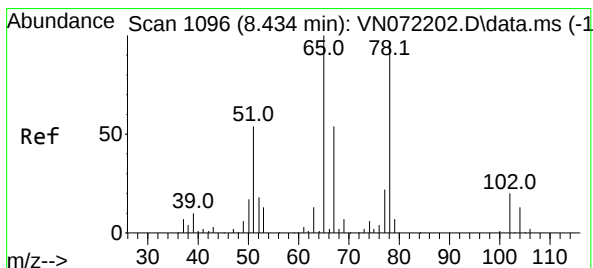
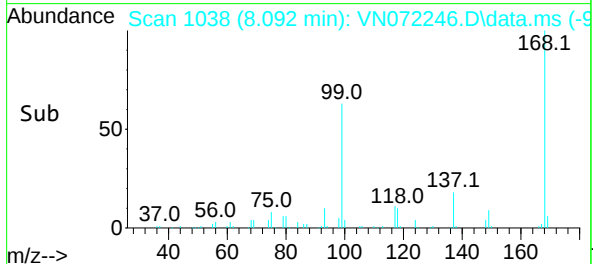
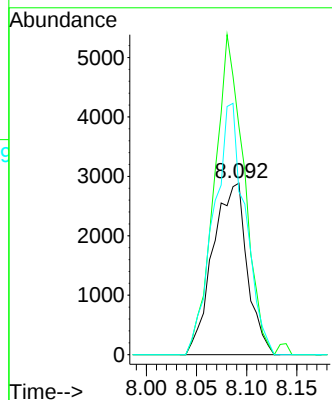
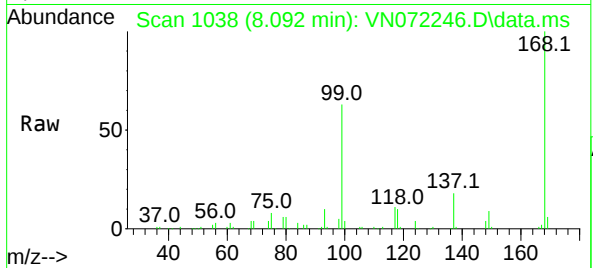




#31
Cyclohexane
Concen: 1.227 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

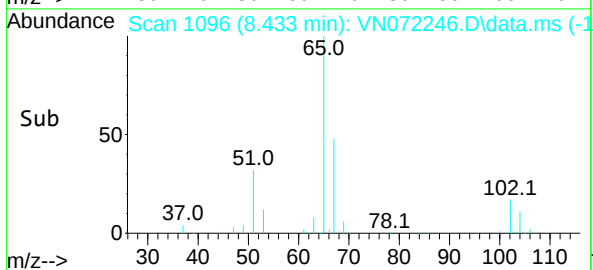
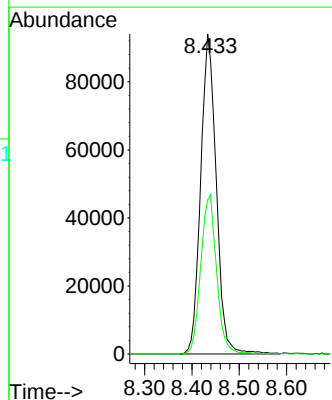
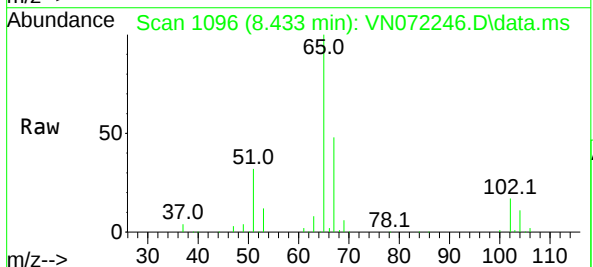
Instrument :
MSVOA_N
ClientSampleId :
MW-121

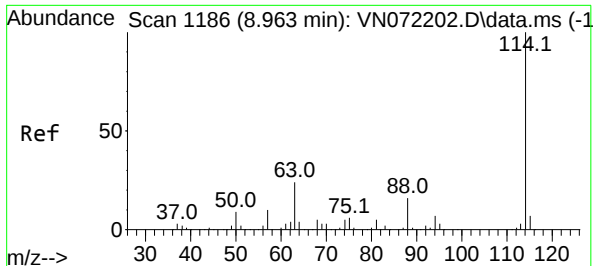
Tgt Ion: 56 Resp: 6875
Ion Ratio Lower Upper
56 100
69 133.2 27.8 41.8#
84 94.9 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 51.145 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

Tgt Ion: 65 Resp: 214525
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072246.D

Acq: 28 Apr 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW-12I

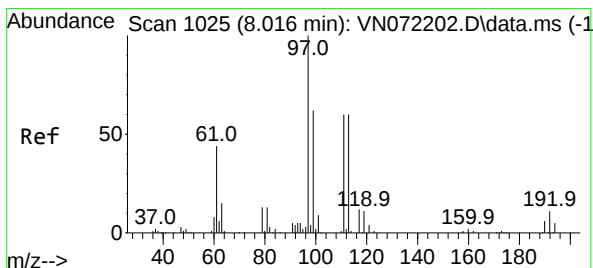
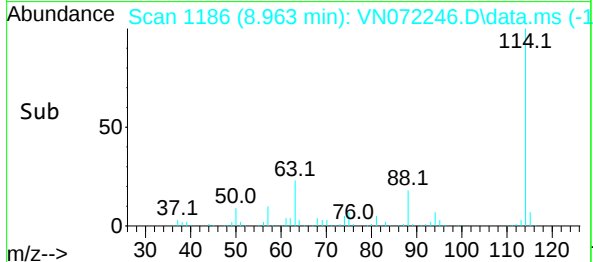
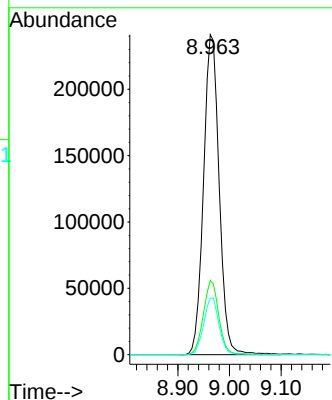
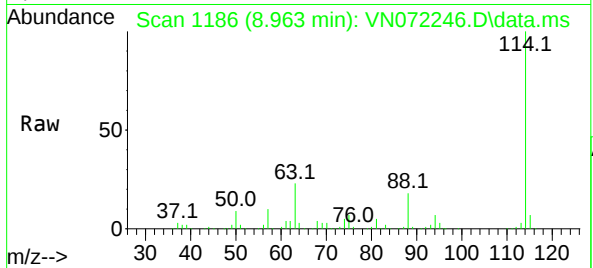
Tgt Ion:114 Resp: 507195

Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 17.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.924 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072246.D

Acq: 28 Apr 2022 18:35

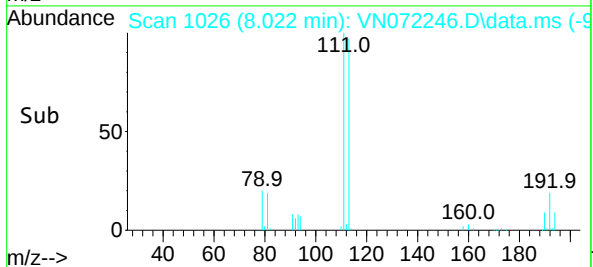
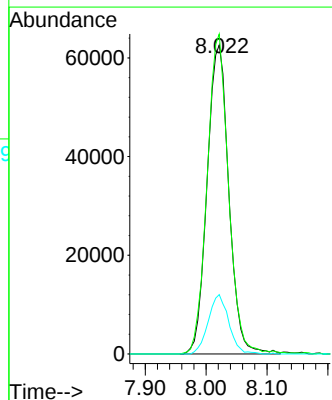
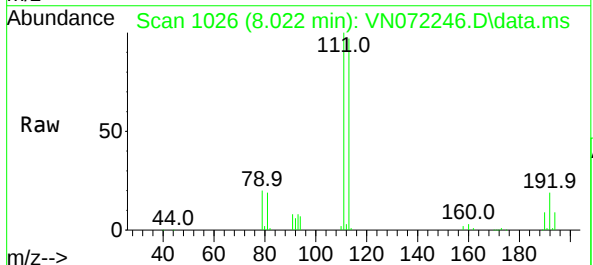
Tgt Ion:113 Resp: 155577

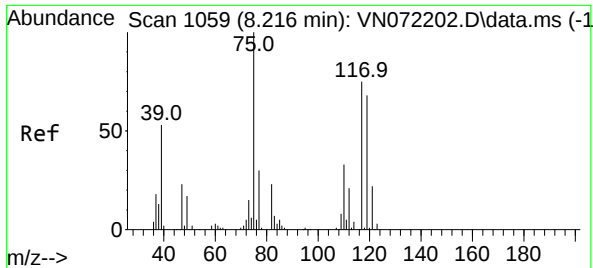
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 18.2 17.0 25.6

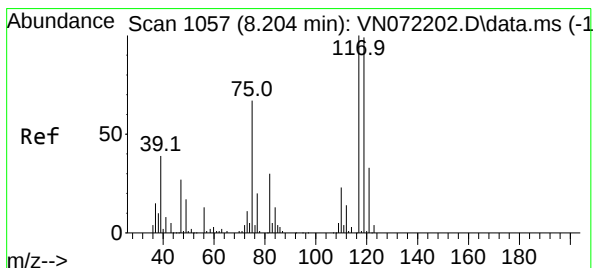
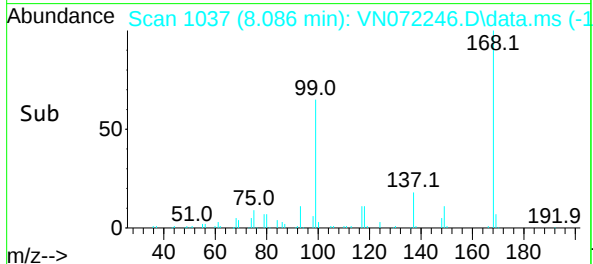
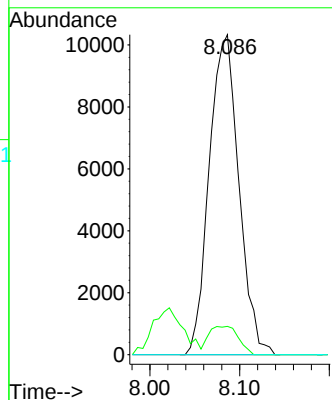
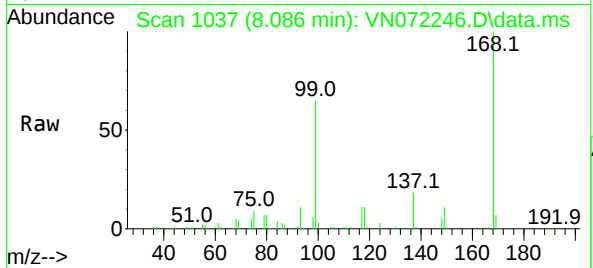




#36
1,1-Dichloropropene
Concen: 5.012 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.130 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

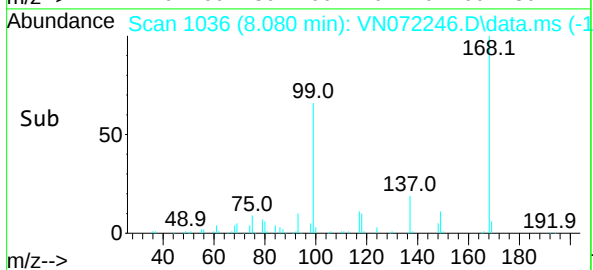
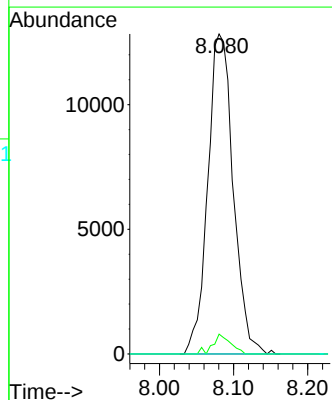
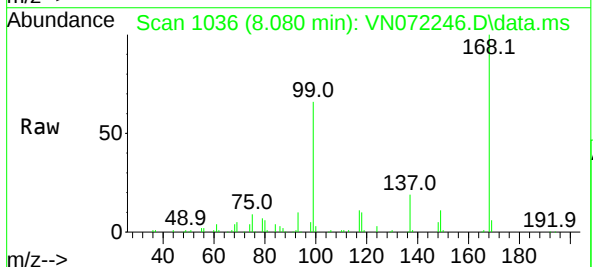
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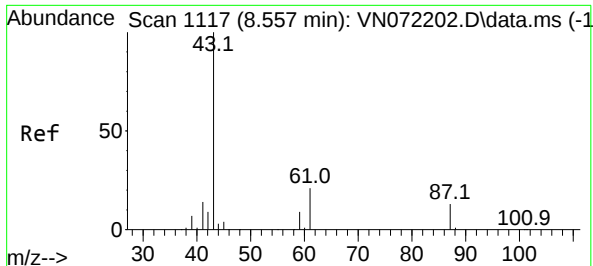
Tgt Ion: 75 Resp: 23681
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.062 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.124 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

Tgt Ion: 117 Resp: 30677
Ion Ratio Lower Upper
117 100
119 6.2 75.8 113.8#
121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.858 ug/l

RT: 8.569 min Scan# 1119

Delta R.T. 0.012 min

Lab File: VN072246.D

Acq: 28 Apr 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

MW-121

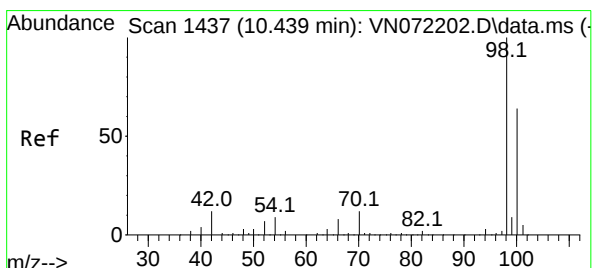
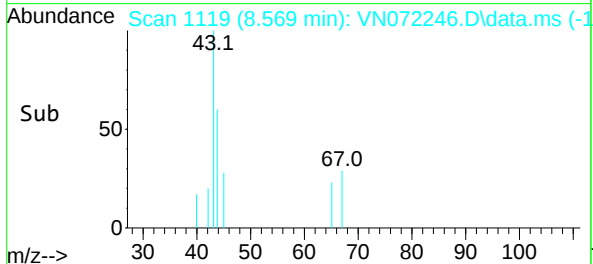
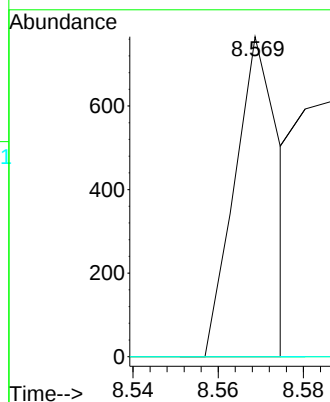
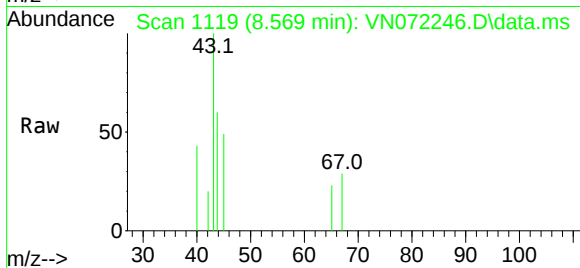
Tgt Ion: 43 Resp: 569

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 51.142 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072246.D

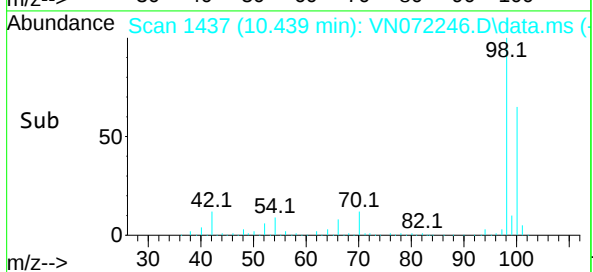
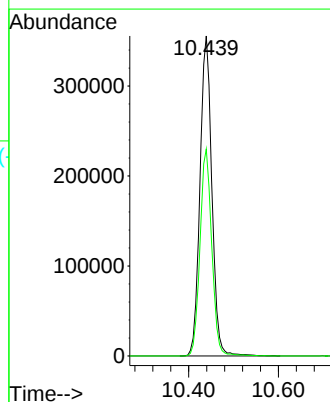
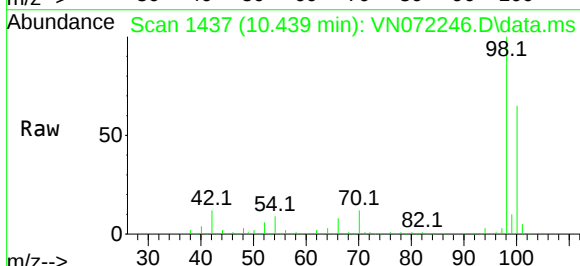
Acq: 28 Apr 2022 18:35

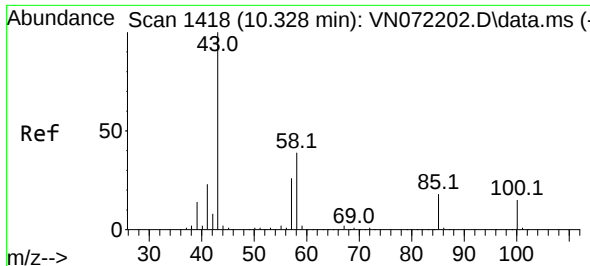
Tgt Ion: 98 Resp: 652376

Ion Ratio Lower Upper

98 100

100 64.2 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.493 ug/l

RT: 10.439 min Scan# 1418

Delta R.T. 0.111 min

Lab File: VN072246.D

Acq: 28 Apr 2022 18:35

Instrument :

MSVOA_N

ClientSampleId :

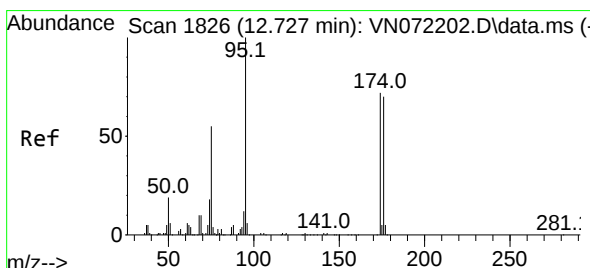
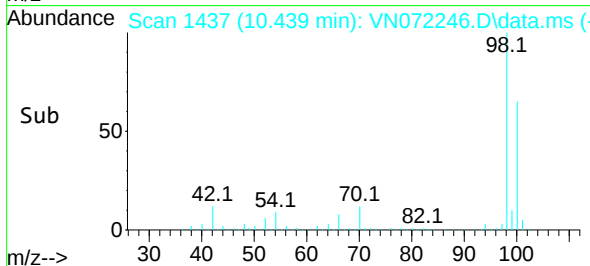
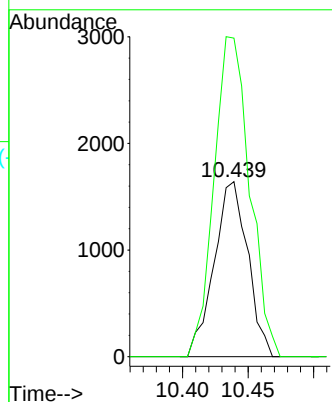
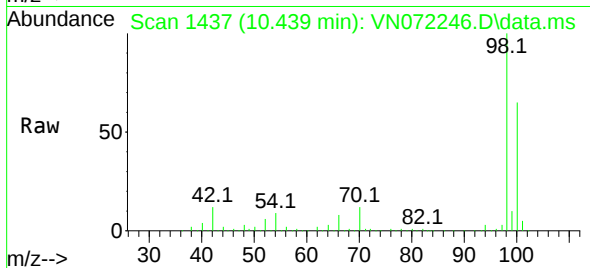
MW-12I

Tgt Ion: 43 Resp: 2920

Ion Ratio Lower Upper

43 100

58 194.3 34.1 51.1#



#62

4-Bromofluorobenzene

Concen: 59.141 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072246.D

Acq: 28 Apr 2022 18:35

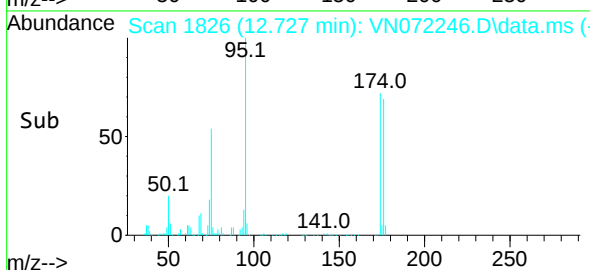
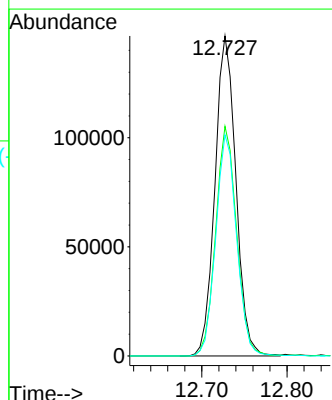
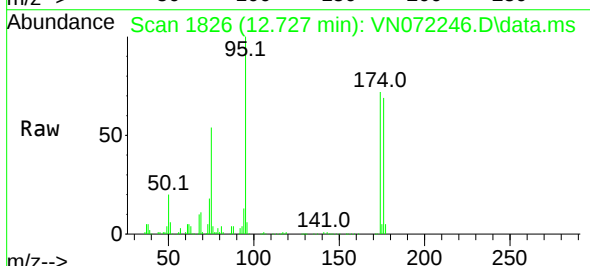
Tgt Ion: 95 Resp: 250402

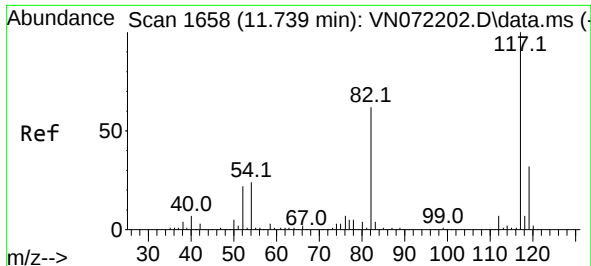
Ion Ratio Lower Upper

95 100

174 71.8 0.0 167.6

176 68.9 0.0 163.4

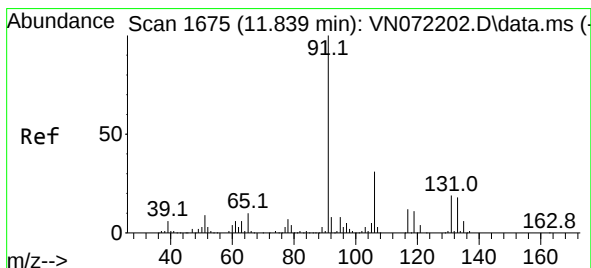
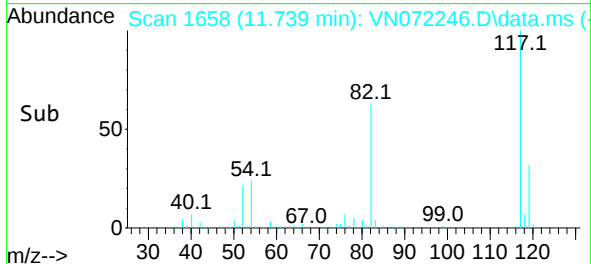
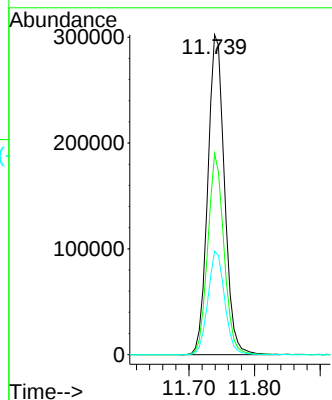
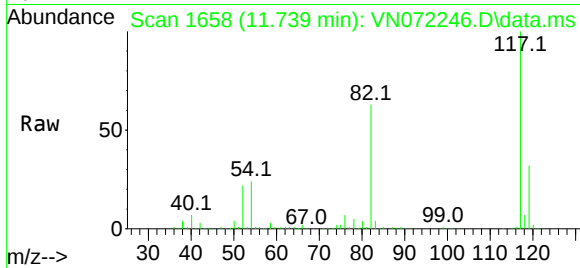




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

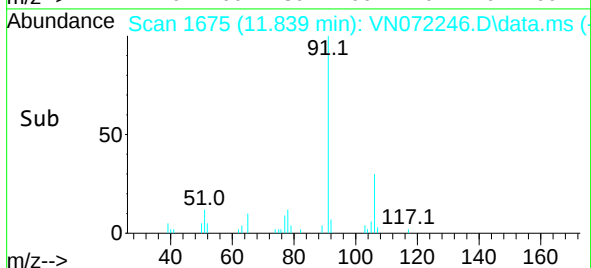
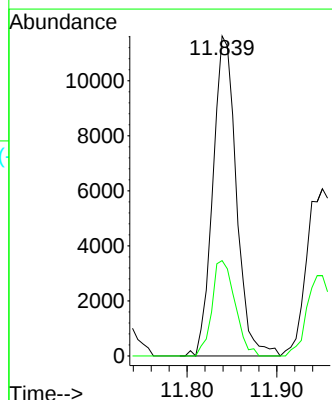
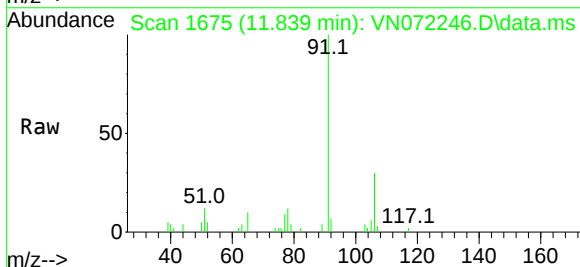
Instrument :
MSVOA_N
ClientSampleId :
MW-121

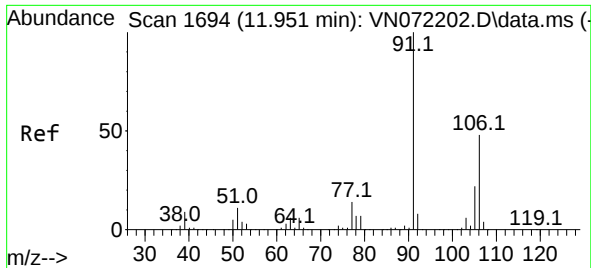
Tgt Ion:117 Resp: 535807
Ion Ratio Lower Upper
117 100
82 62.9 44.2 66.2
119 32.4 25.4 38.0



#67
Ethyl Benzene
Concen: 1.118 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

Tgt Ion: 91 Resp: 21112
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3

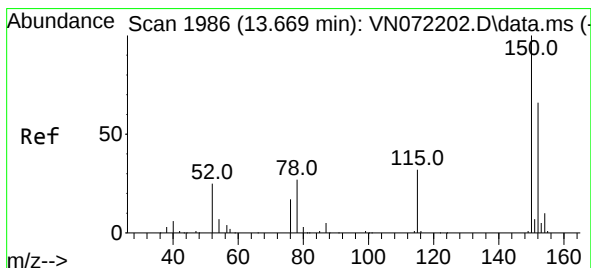
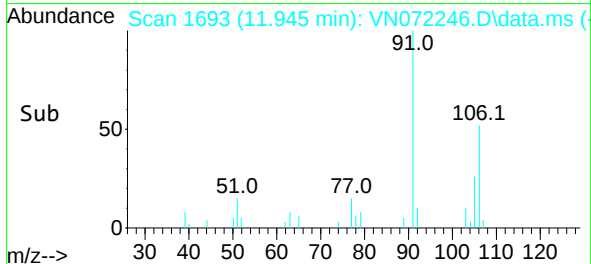
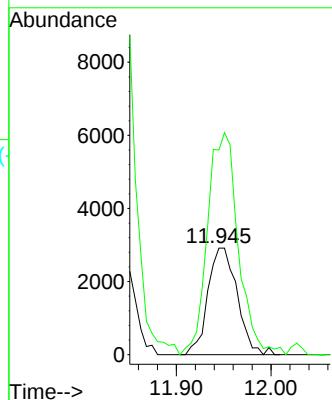
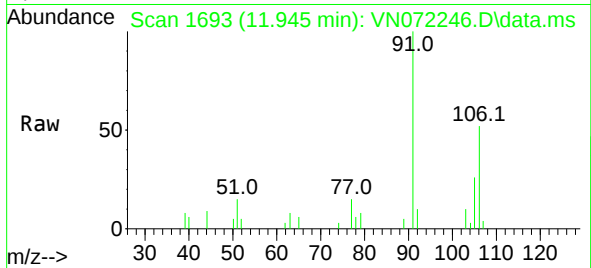




#68
m/p-Xylenes
Concen: 0.895 ug/l
RT: 11.945 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

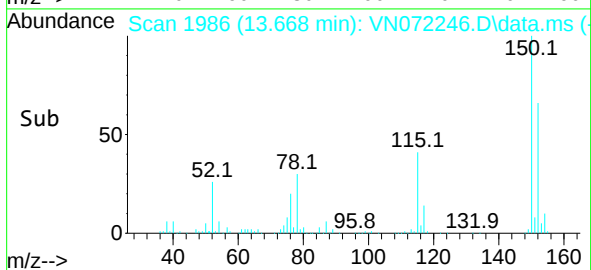
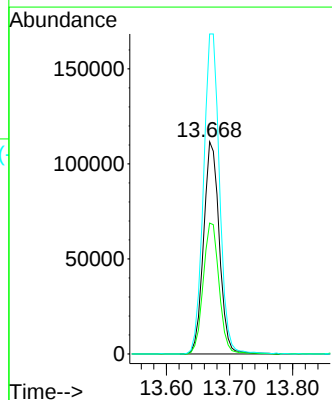
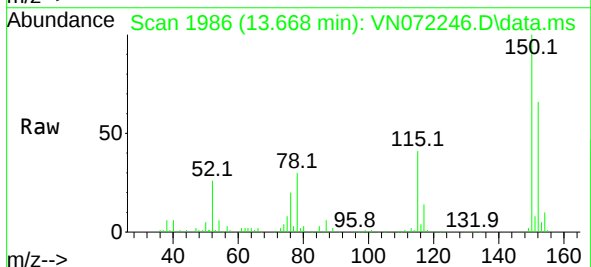
Instrument :
MSVOA_N
ClientSampleId :
MW-121

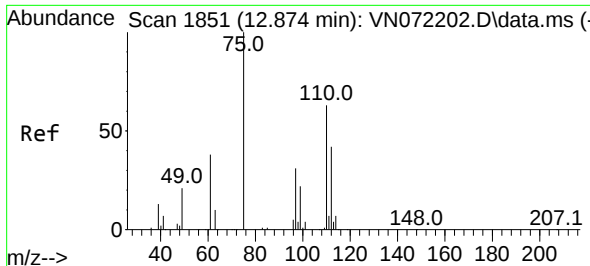
Tgt Ion:106 Resp: 6276
Ion Ratio Lower Upper
106 100
91 217.5 158.9 238.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

Tgt Ion:152 Resp: 192777
Ion Ratio Lower Upper
152 100
115 62.5 28.9 86.7
150 154.0 0.0 356.2

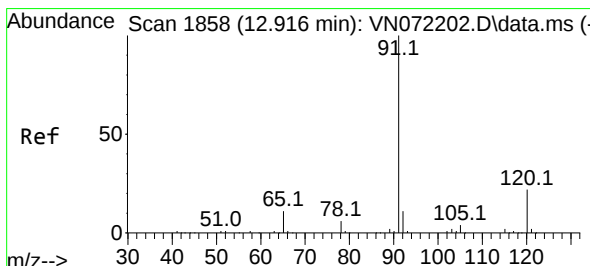
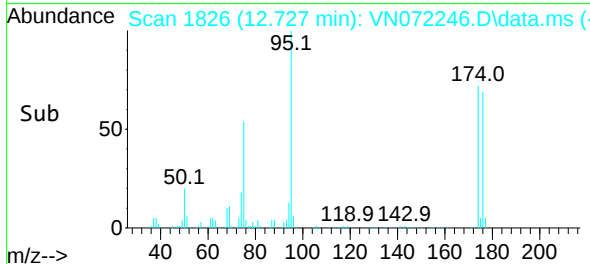
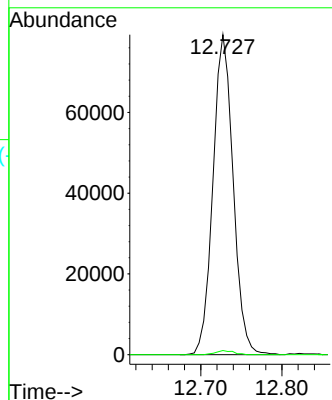
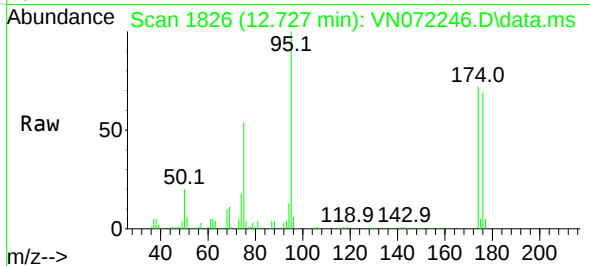




#76
1,2,3-Trichloropropane
Concen: 31.609 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.147 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

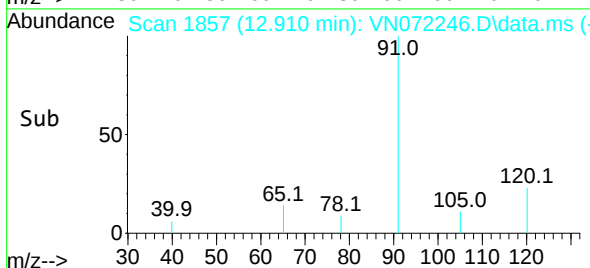
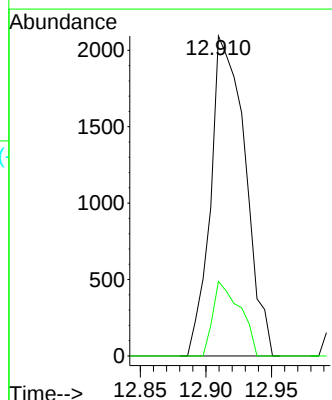
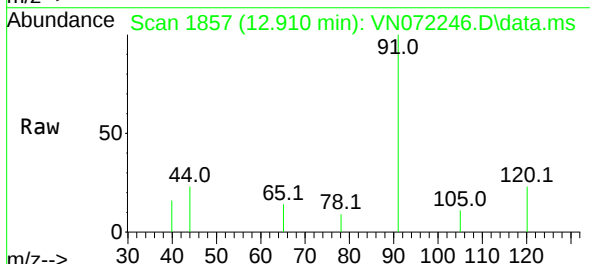
Instrument :
MSVOA_N
ClientSampleId :
MW-121

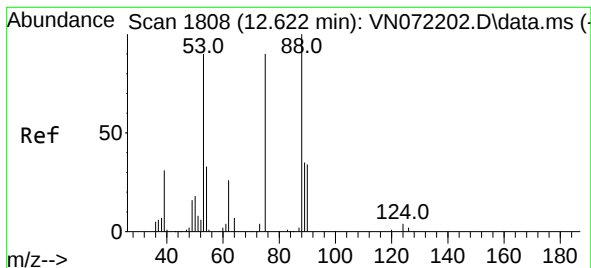
Tgt Ion: 75 Resp: 136950
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#78
n-propylbenzene
Concen: 0.204 ug/l
RT: 12.910 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

Tgt Ion: 91 Resp: 3835
Ion Ratio Lower Upper
91 100
120 18.2 11.9 35.5

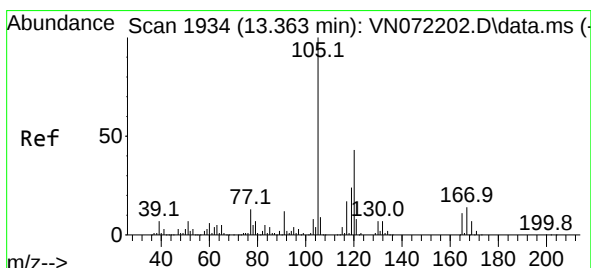
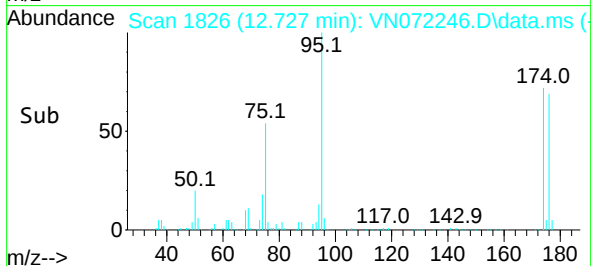
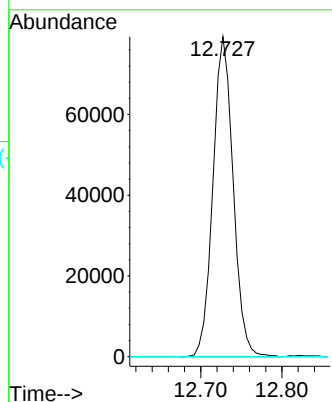
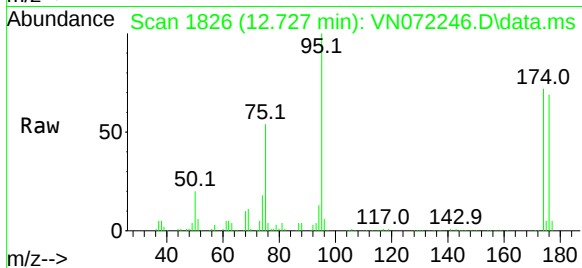




#81
trans-1,4-Dichloro-2-butene
Concen: 82.142 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

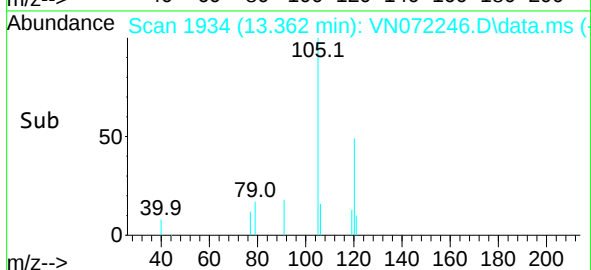
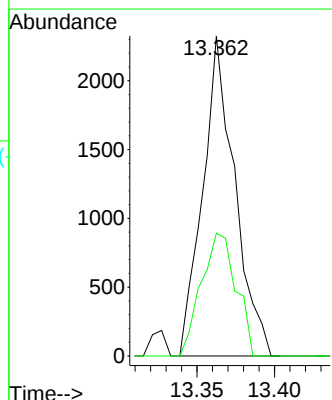
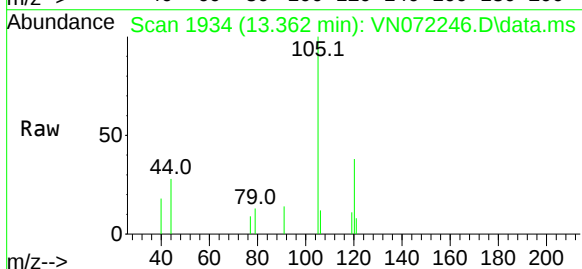
Instrument :
MSVOA_N
ClientSampleId :
MW-121

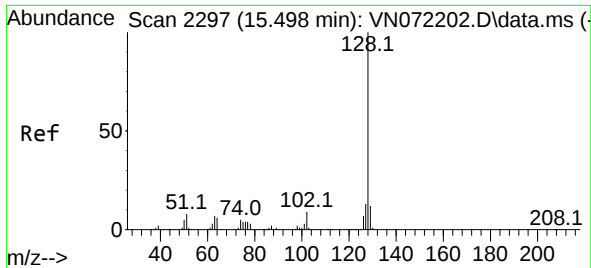
Tgt Ion: 75 Resp: 136950
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.244 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

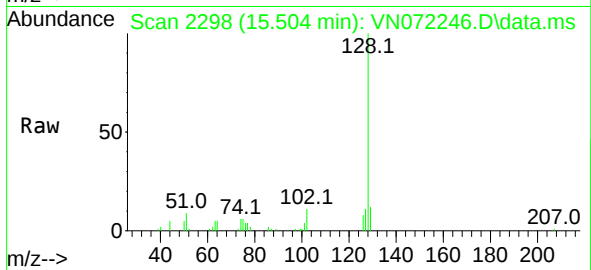
Tgt Ion: 105 Resp: 3342
Ion Ratio Lower Upper
105 100
120 41.6 23.3 69.8





#95
Naphthalene
Concen: 8.116 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072246.D
Acq: 28 Apr 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :
MW-121



Tgt Ion:128 Resp: 41692
Ion Ratio Lower Upper
128 100
127 11.9 10.3 15.5
129 10.9 8.6 13.0

