

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072244.D
 Acq On : 28 Apr 2022 17:47
 Operator : JC\MD
 Sample : N2617-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8I

Quant Time: Apr 29 06:35:40 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	8.081	168	292096	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	543689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	597713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	274947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	224316	50.022	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.040%	
35) Dibromofluoromethane	8.016	113	159730	45.901	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 91.800%	
50) Toluene-d8	10.433	98	702018	51.340	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.722	95	320853	70.693	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 141.380%#	

Target Compounds			Qvalue			
3) Chloromethane	2.258	50	35291	8.942	ug/l	# 67
5) Bromomethane	2.863	94	148	Below Cal	#	2
6) Chloroethane	2.981	64	1503	Below Cal	#	57
11) Tert butyl alcohol	5.363	59	12759	17.314	ug/l	# 72
13) Acrolein	3.993	56	440192	593.558	ug/l	# 1
14) Allyl chloride	4.963	41	319490	55.157	ug/l	# 6
15) Acrylonitrile	5.616	53	51796	23.292	ug/l	# 37
16) Acetone	4.275	43	150208	77.692	ug/l	# 67
17) Carbon Disulfide	4.551	76	1428	0.579	ug/l	# 75
18) Methyl Acetate	4.934	43	72990	13.475	ug/l	# 48
19) Methyl tert-butyl Ether	5.616	73	27503	2.515	ug/l	# 1
20) Methylene Chloride	4.957	84	35707	9.635	ug/l	# 1
23) Vinyl Acetate	6.463	43	77722	7.756	ug/l	# 72
24) 1,1-Dichloroethane	6.398	63	2206	0.331	ug/l	# 82
25) 2-Butanone	7.334	43	38031	12.352	ug/l	# 88
26) 2,2-Dichloropropane	7.228	77	2791	0.535	ug/l	# 53
28) Bromochloromethane	7.840	49	18014	6.028	ug/l	# 8
29) Tetrahydrofuran	7.675	42	3052	1.510	ug/l	# 31
30) Chloroform	7.840	83	50945	7.603	ug/l	# 31
31) Cyclohexane	8.092	56	1056685	176.357	ug/l	92
36) 1,1-Dichloropropene	8.081	75	27054	5.341	ug/l	# 48
37) Ethyl Acetate	7.334	43	38031	5.654	ug/l	# 67
38) Carbon Tetrachloride	8.081	117	32737	6.034	ug/l	# 15
39) Methylcyclohexane	9.457	83	581796	102.697	ug/l	91
40) Benzene	8.457	78	4216648	268.381	ug/l	98
41) Methacrylonitrile	7.663	41	22749	6.685	ug/l	# 35
42) 1,2-Dichloroethane	8.581	62	7209	1.199	ug/l	# 1
43) Isopropyl Acetate	8.557	43	78328	8.099	ug/l	# 53
47) Bromodichloromethane	9.739	83	11022	1.975	ug/l	# 26
48) Methyl methacrylate	9.633	41	83208	18.726	ug/l	# 61
51) 4-Methyl-2-Pentanone	10.328	43	14650	2.308	ug/l	100
52) Toluene	10.498	92	3429884	365.170	ug/l	97
53) t-1,3-Dichloropropene	10.498	75	46166	8.230	ug/l	# 1
55) 1,1,2-Trichloroethane	10.869	97	48049	12.201	ug/l	# 20
56) Ethyl methacrylate	10.775	69	7301	3.374	ug/l	# 23
58) 2-Chloroethyl Vinyl ether	10.028	63	7037	21.256	ug/l	# 44

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072244.D
 Acq On : 28 Apr 2022 17:47
 Operator : JC\MD
 Sample : N2617-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8I

Quant Time: Apr 29 06:35:40 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)

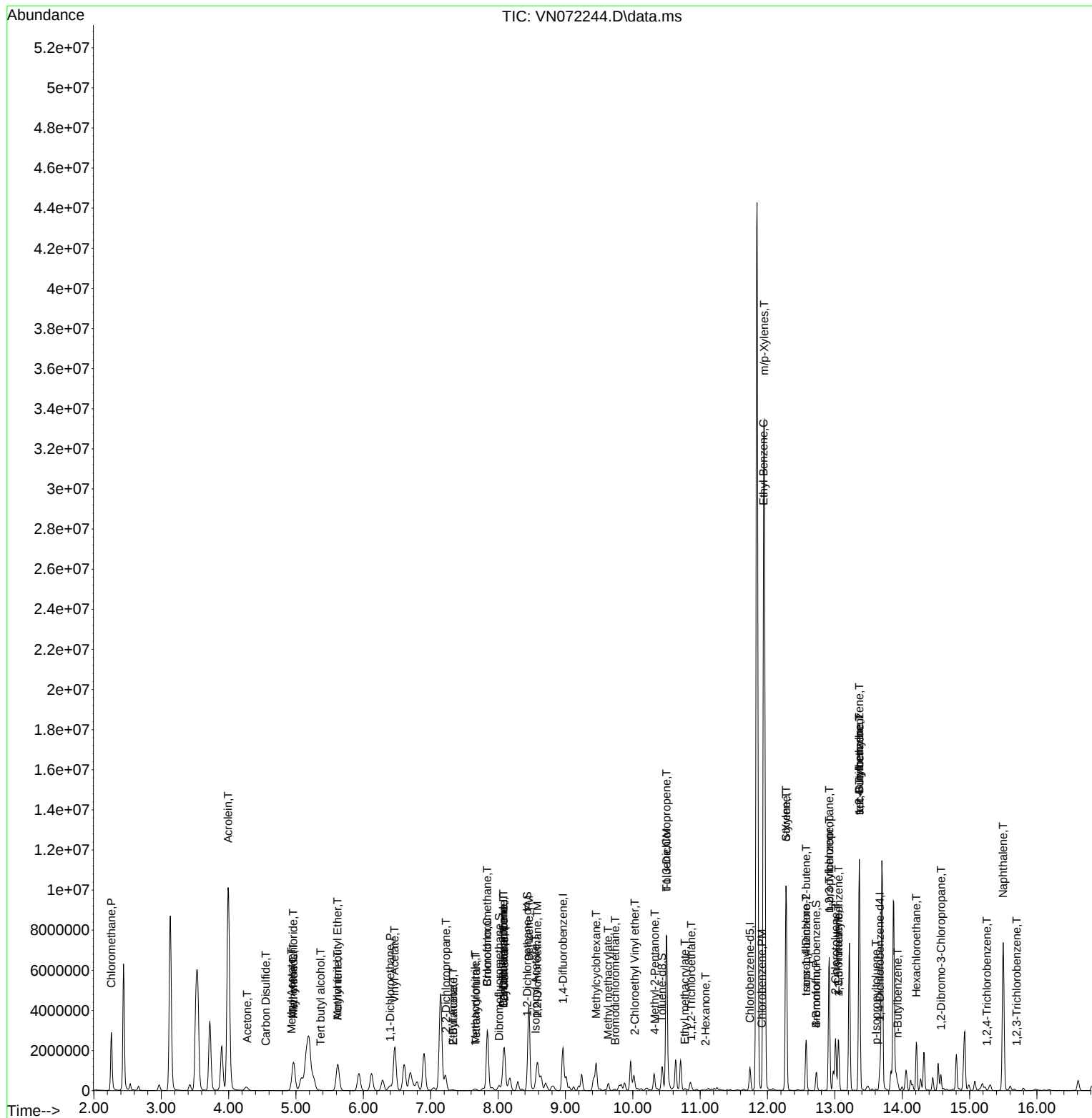
59) 2-Hexanone	11.080	43	14673	3.281	ug/l	64
65) Chlorobenzene	11.916	112	7623	0.631	ug/l #	52
67) Ethyl Benzene	11.939	91	20195629	958.891	ug/l #	67
68) m/p-Xylenes	11.951	106	10558184	1349.986	ug/l	96
69) o-Xylene	12.275	106	2694014	355.317	ug/l	89
70) Styrene	12.275	104	134411	11.255	ug/l #	1
71) Bromoform	12.722	173	929	0.274	ug/l #	28
73) Isopropylbenzene	12.575	105	1633956	67.287	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.810	83	703	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.916	75	36059	2.796	ug/l #	1
78) n-propylbenzene	12.916	91	5169790	193.250	ug/l	96
79) 2-Chlorotoluene	13.010	91	287311	16.351	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	1372194	67.852	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.575	75	21950	9.231	ug/l #	73
82) 4-Chlorotoluene	13.051	91	158917	9.716	ug/l #	40
83) tert-Butylbenzene	13.363	119	734269	41.353	ug/l #	49
84) 1,2,4-Trimethylbenzene	13.363	105	6426950	328.459	ug/l	94
85) sec-Butylbenzene	13.363	105	6424148	277.508	ug/l #	56
86) p-Isopropyltoluene	13.610	119	23780	1.318	ug/l #	78
89) n-Butylbenzene	13.933	91	177357	12.830	ug/l #	82
90) Hexachloroethane	14.210	117	120448	30.744	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.574	75	3676	2.189	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.257	180	156	2.455	ug/l #	31
95) Naphthalene	15.498	128	6553211	424.900	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	273	2.735	ug/l #	81

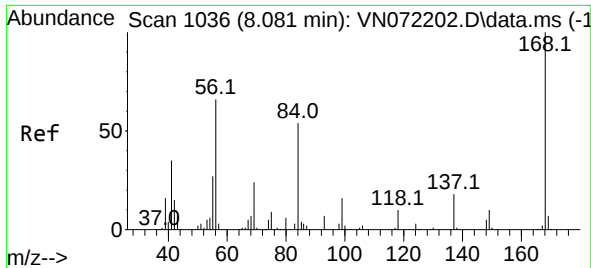
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072244.D
 Acq On : 28 Apr 2022 17:47
 Operator : JC\MD
 Sample : N2617-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8I

Quant Time: Apr 29 06:35:40 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

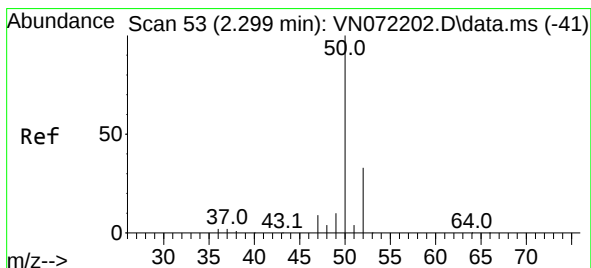
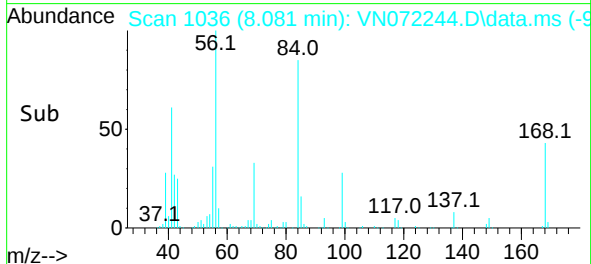
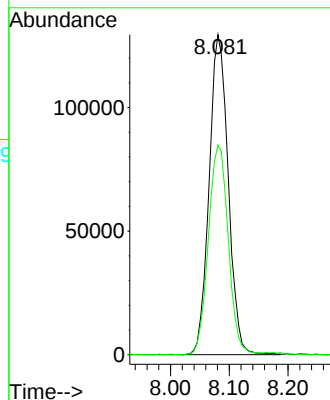
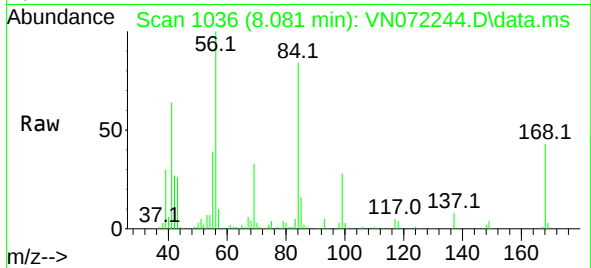




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

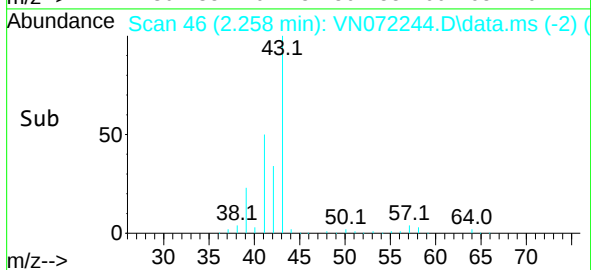
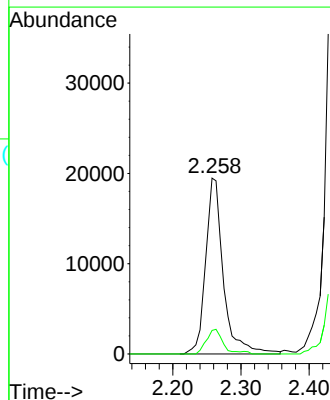
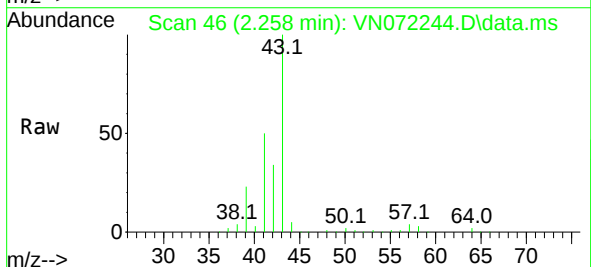
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

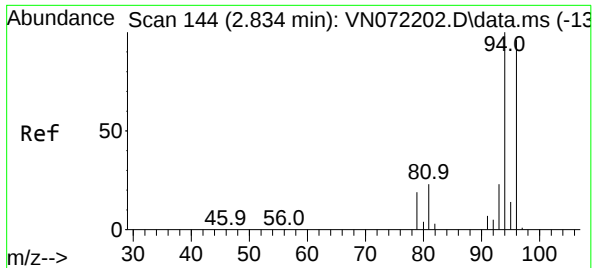
Tgt Ion:168 Resp: 292096
Ion Ratio Lower Upper
168 100
99 65.5 42.3 63.5#



#3
Chloromethane
Concen: 8.942 ug/l
RT: 2.258 min Scan# 46
Delta R.T. -0.041 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 50 Resp: 35291
Ion Ratio Lower Upper
50 100
52 13.4 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.863 min Scan# 144

Delta R.T. 0.029 min

Lab File: VN072244.D

Acq: 28 Apr 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

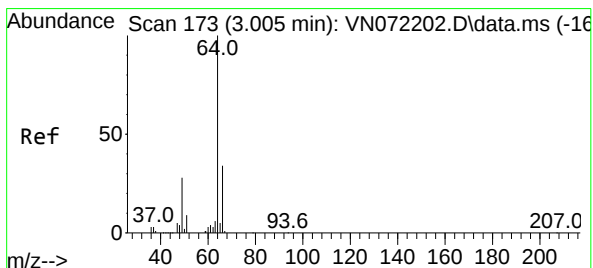
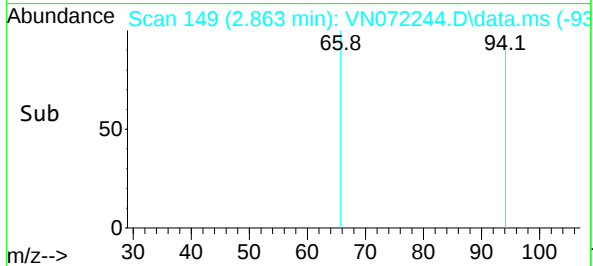
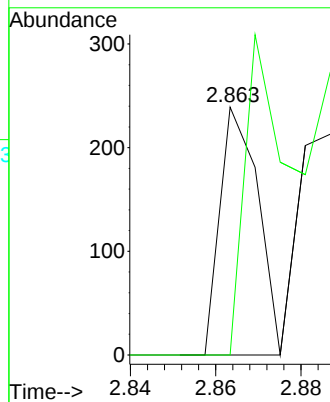
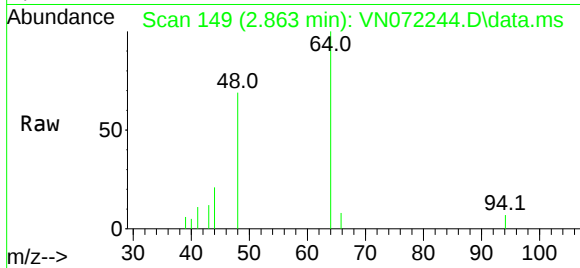
MW-8I

Tgt Ion: 94 Resp: 148

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 2.981 min Scan# 169

Delta R.T. -0.024 min

Lab File: VN072244.D

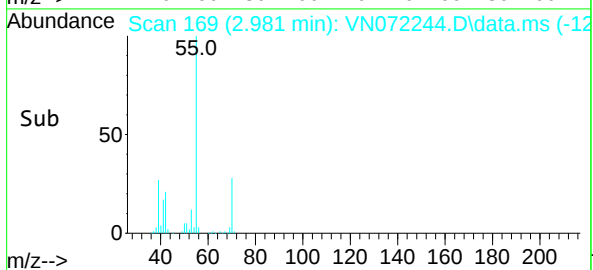
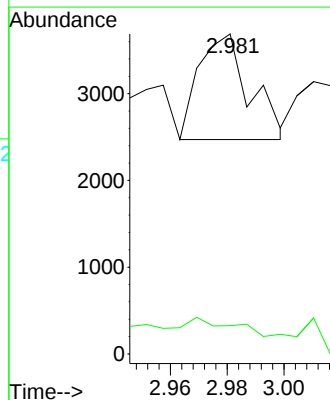
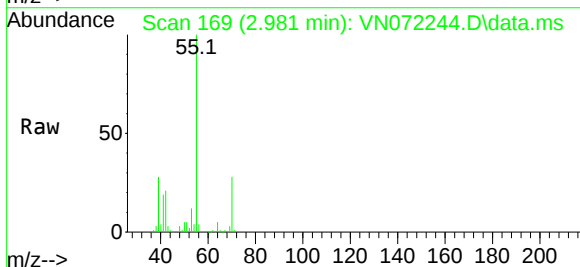
Acq: 28 Apr 2022 17:47

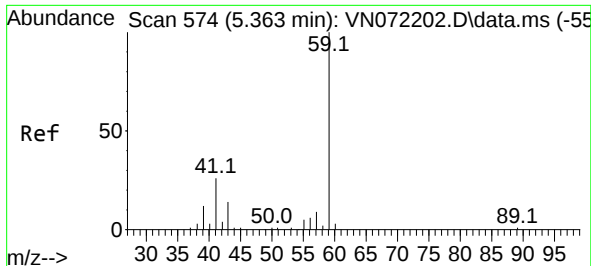
Tgt Ion: 64 Resp: 1503

Ion Ratio Lower Upper

64 100

66 8.3 26.2 39.4#

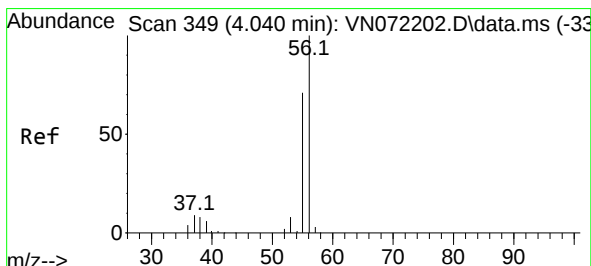
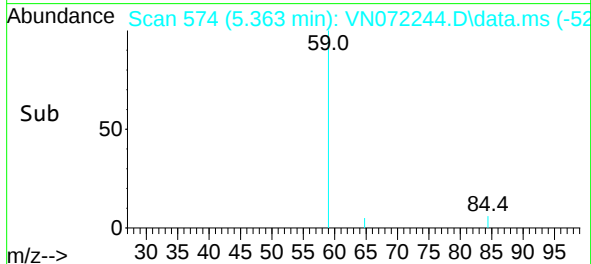
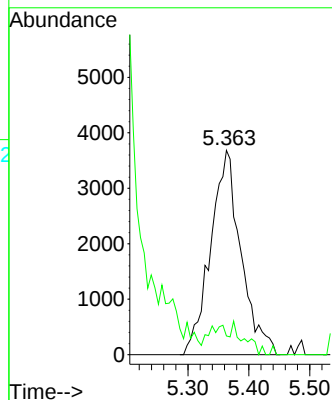
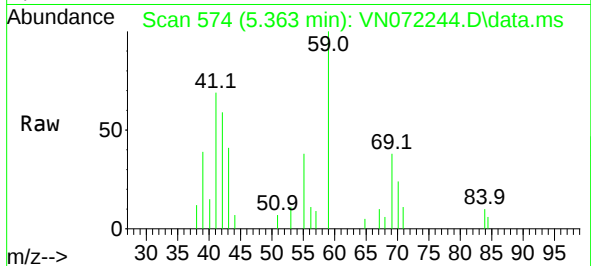




#11
Tert butyl alcohol
Concen: 17.314 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

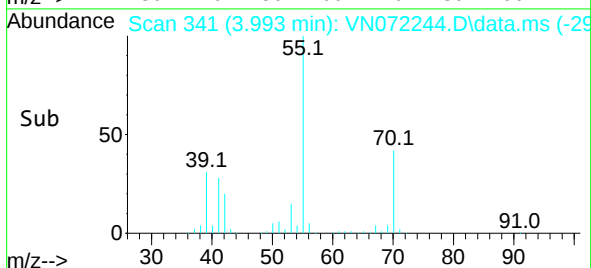
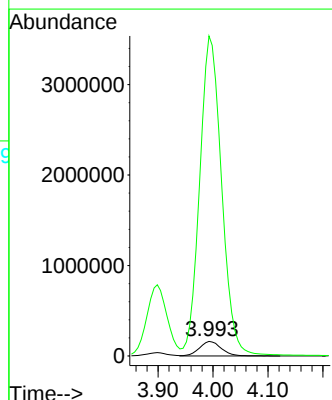
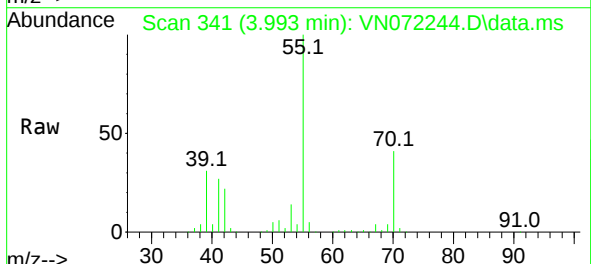
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

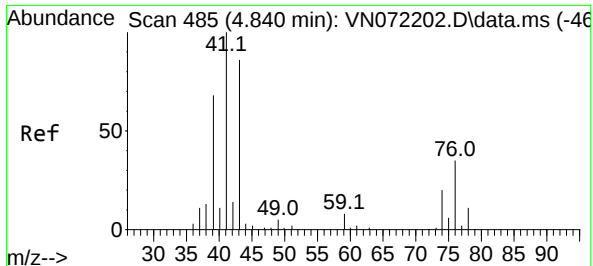
Tgt Ion: 59 Resp: 12759
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 593.558 ug/l
RT: 3.993 min Scan# 341
Delta R.T. -0.047 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 56 Resp: 440192
Ion Ratio Lower Upper
56 100
55 2225.2 54.8 82.2#

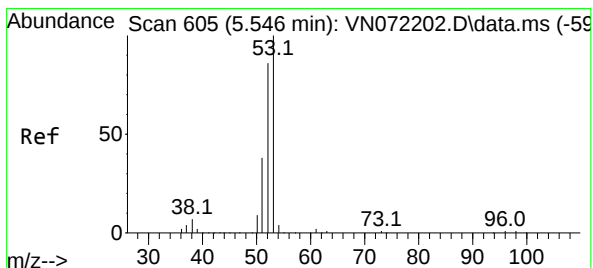
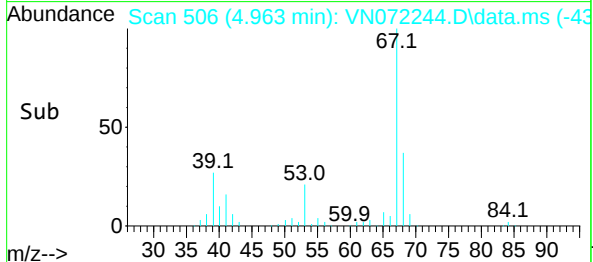
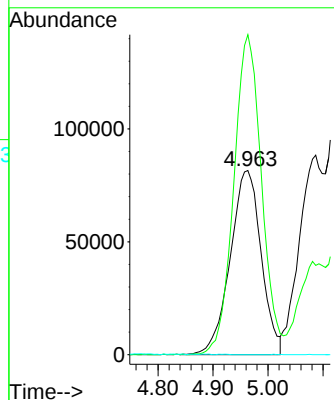
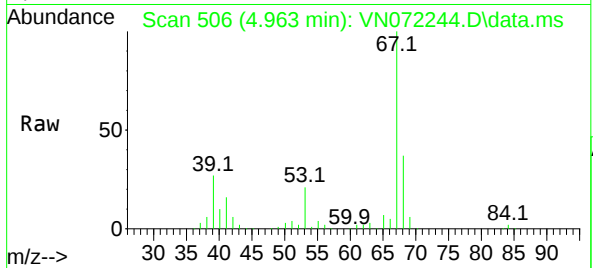




#14
 Allyl chloride
 Concen: 55.157 ug/l
 RT: 4.963 min Scan# 50
 Delta R.T. 0.123 min
 Lab File: VN072244.D
 Acq: 28 Apr 2022 17:47

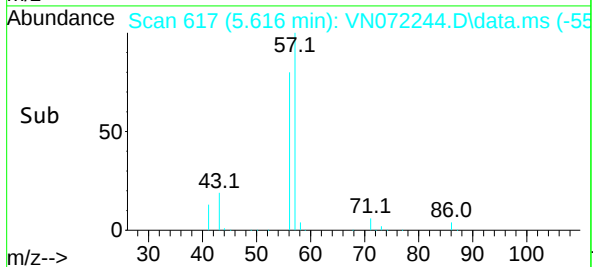
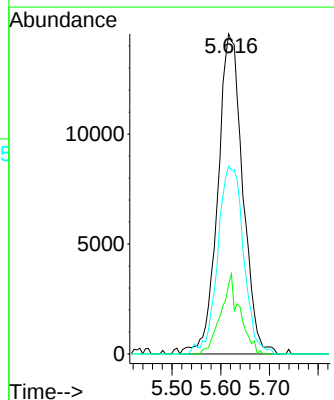
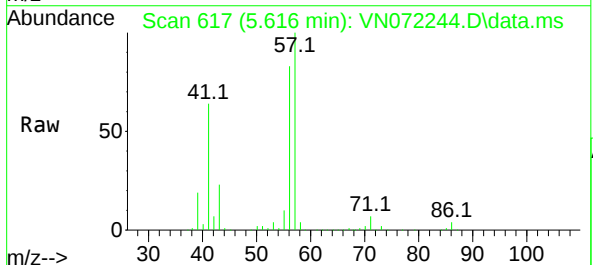
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8I

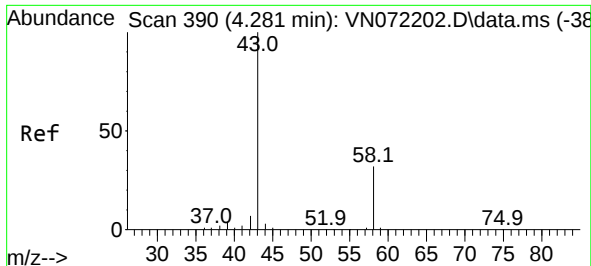
Tgt Ion: 41 Resp: 319490
 Ion Ratio Lower Upper
 41 100
 39 155.8 53.2 79.8#
 76 0.0 29.9 44.9#



#15
 Acrylonitrile
 Concen: 23.292 ug/l
 RT: 5.616 min Scan# 617
 Delta R.T. 0.070 min
 Lab File: VN072244.D
 Acq: 28 Apr 2022 17:47

Tgt Ion: 53 Resp: 51796
 Ion Ratio Lower Upper
 53 100
 52 19.0 66.4 99.6#
 51 60.8 28.5 42.7#

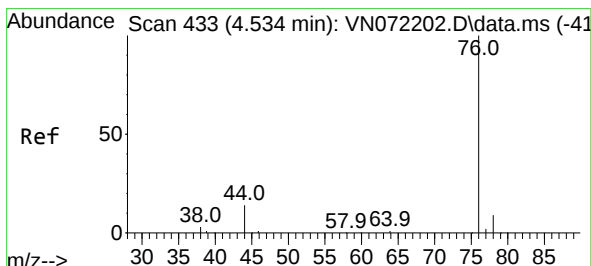
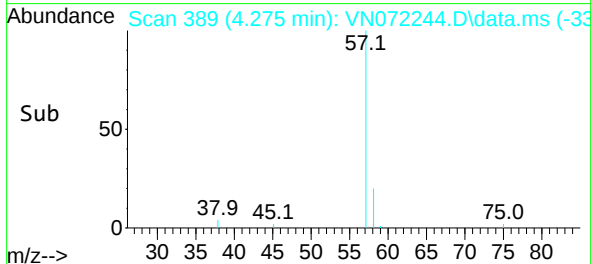
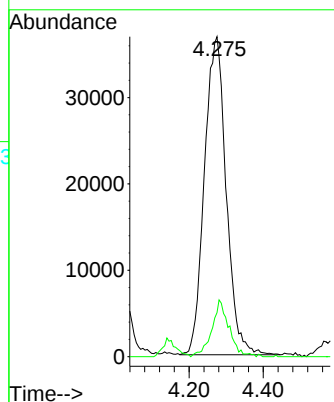
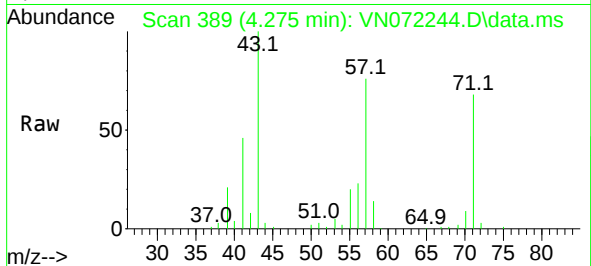




#16
Acetone
Concen: 77.692 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

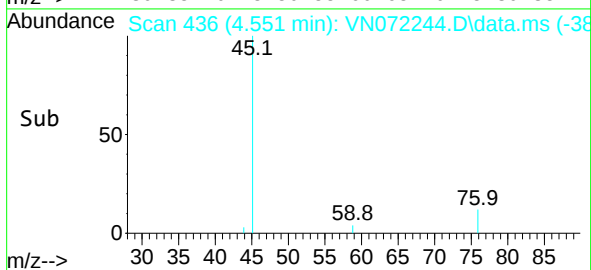
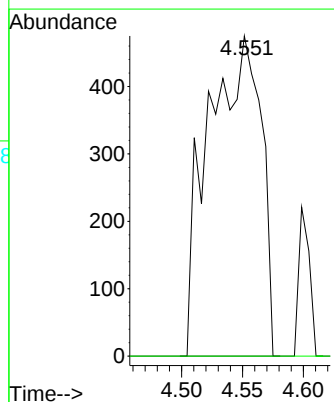
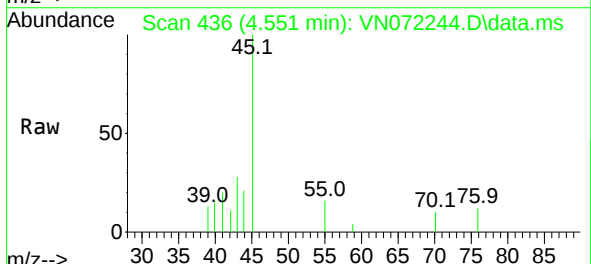
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

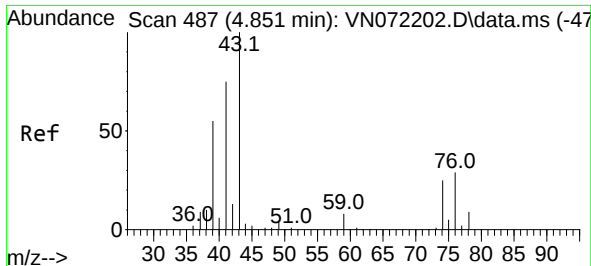
Tgt Ion: 43 Resp: 150208
Ion Ratio Lower Upper
43 100
58 13.8 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.579 ug/l
RT: 4.551 min Scan# 436
Delta R.T. 0.017 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 76 Resp: 1428
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

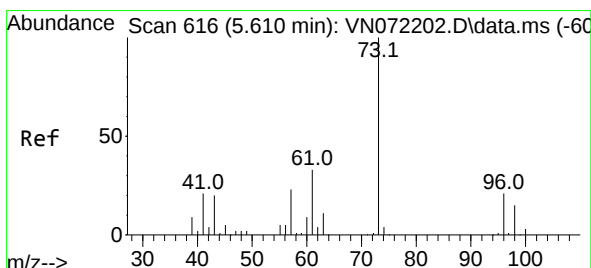
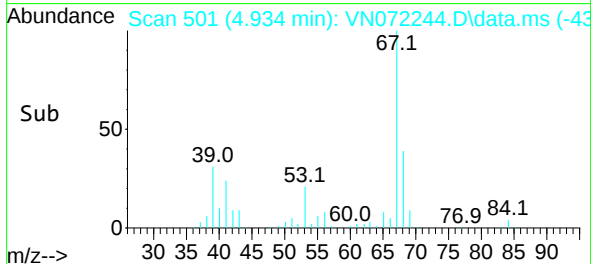
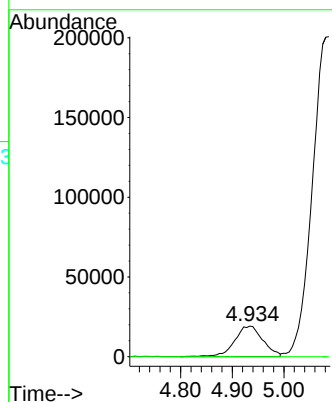
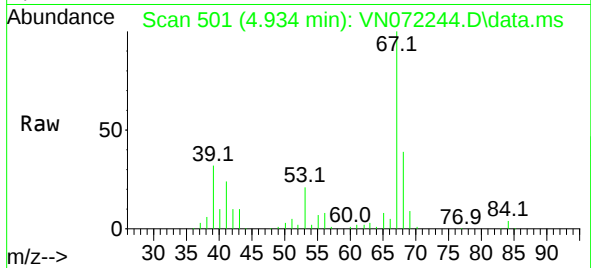




#18
Methyl Acetate
Concen: 13.475 ug/l
RT: 4.934 min Scan# 501
Delta R.T. 0.083 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

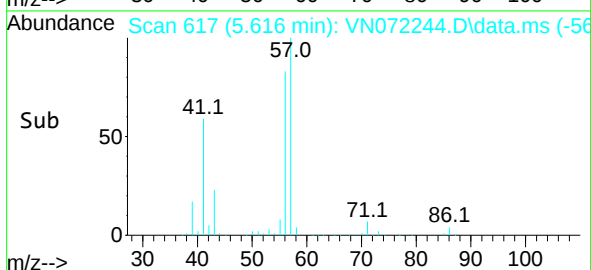
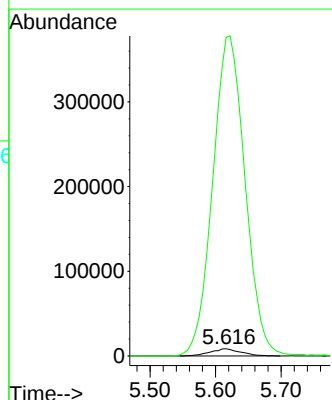
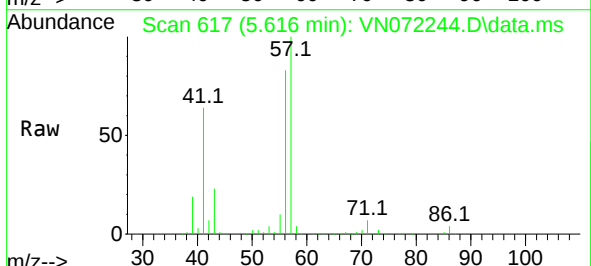
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

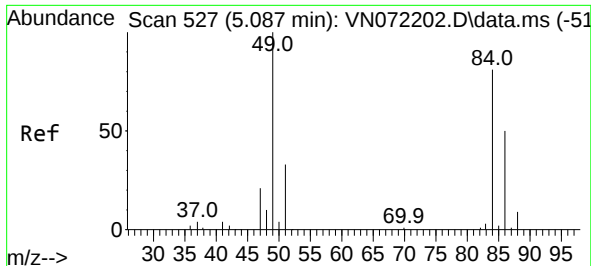
Tgt Ion: 43 Resp: 72990
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 2.515 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 73 Resp: 27503
Ion Ratio Lower Upper
73 100
57 4396.4 17.6 26.4#

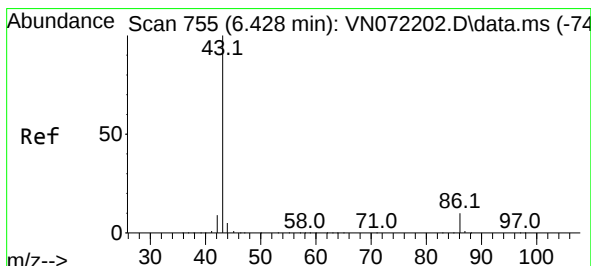
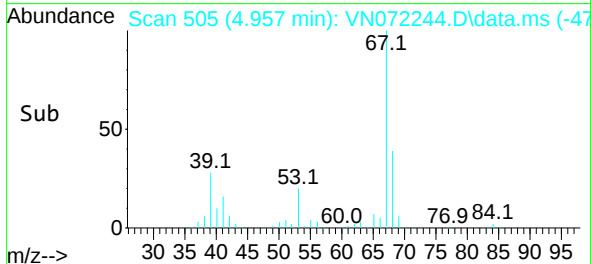
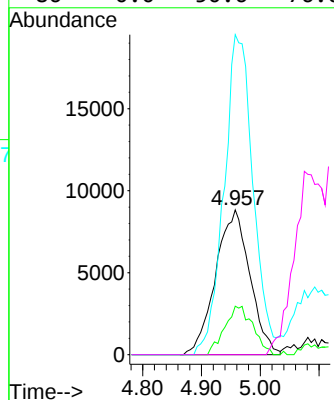
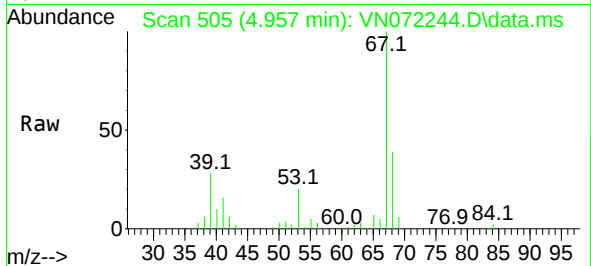




#20
Methylene Chloride
Concen: 9.635 ug/l
RT: 4.957 min Scan# 505
Delta R.T. -0.130 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

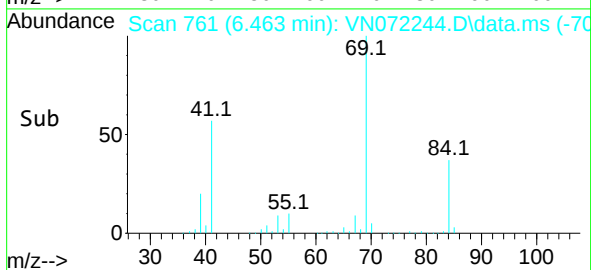
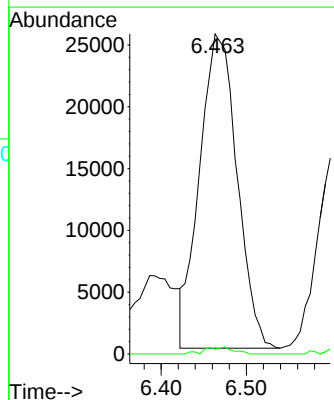
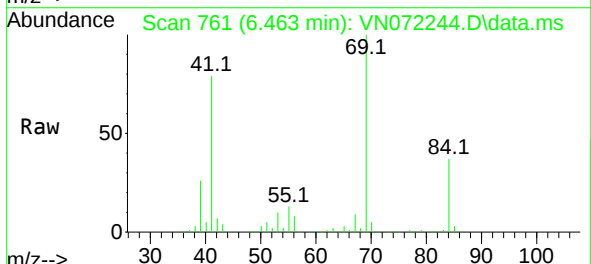
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

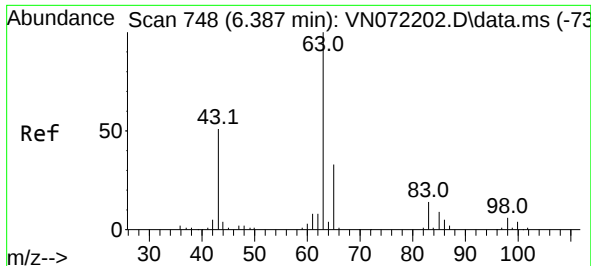
Tgt Ion: 84	Resp: 35707
Ion Ratio	Lower Upper
84 100	
49 33.4	88.3 132.5#
51 220.9	28.2 42.2#
86 0.0	50.6 76.0#



#23
Vinyl Acetate
Concen: 7.756 ug/l
RT: 6.463 min Scan# 761
Delta R.T. 0.035 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 43	Resp: 77722		
Ion Ratio	Lower	Upper	
43 100			
86 1.5	10.0	15.0#	

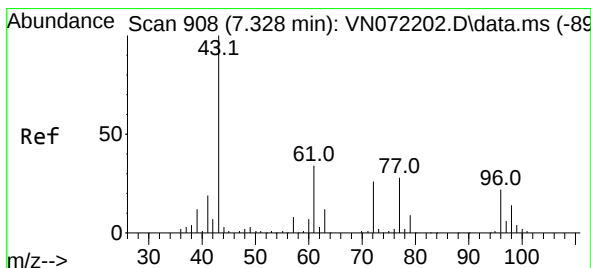
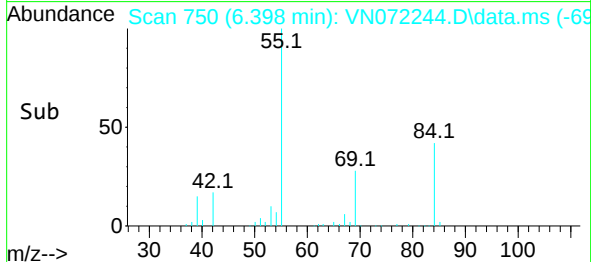
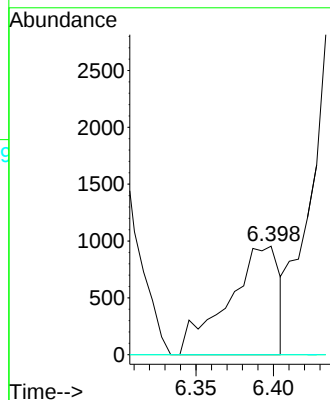
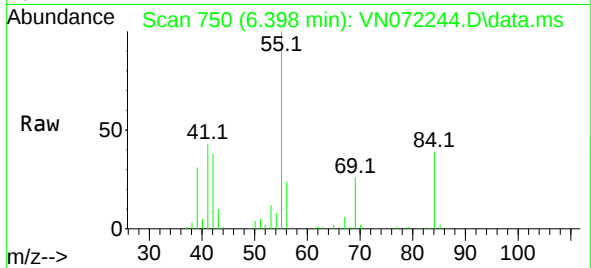




#24
1,1-Dichloroethane
Concen: 0.331 ug/l
RT: 6.398 min Scan# 748
Delta R.T. 0.011 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

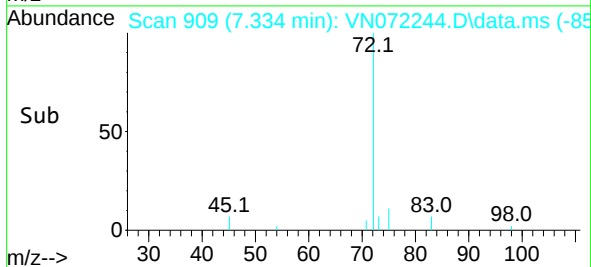
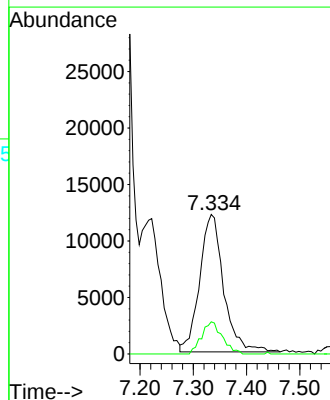
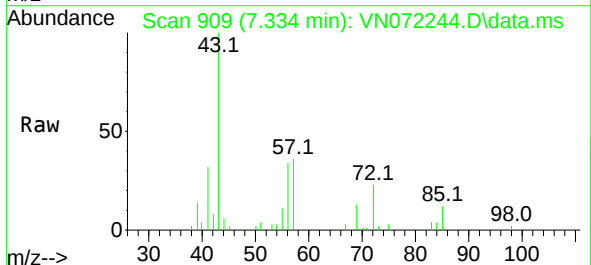
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

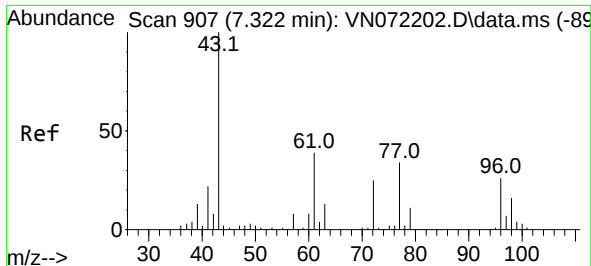
Tgt Ion: 63 Resp: 2206
Ion Ratio Lower Upper
63 100
98 0.0 3.5 10.4#
100 0.0 2.3 6.8#



#25
2-Butanone
Concen: 12.352 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 43 Resp: 38031
Ion Ratio Lower Upper
43 100
72 23.4 23.7 35.5#

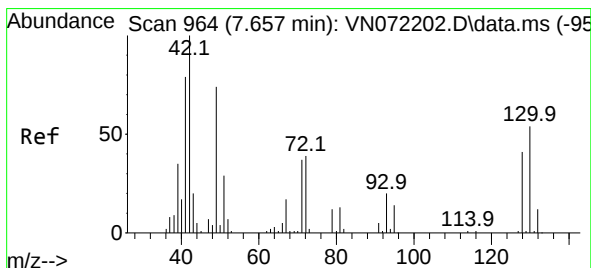
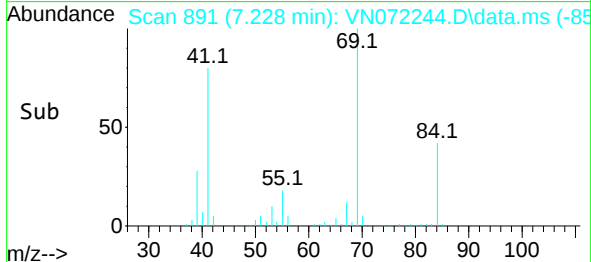
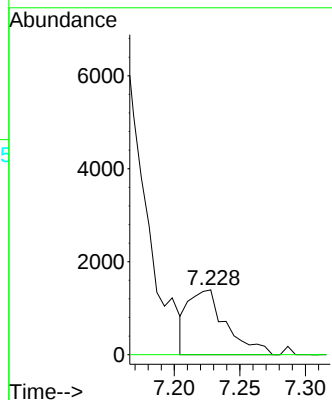
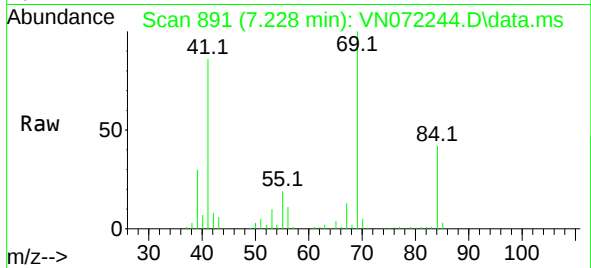




#26
2,2-Dichloropropane
Concen: 0.535 ug/l
RT: 7.228 min Scan# 891
Delta R.T. -0.094 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

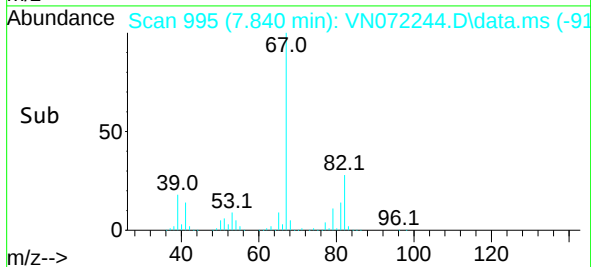
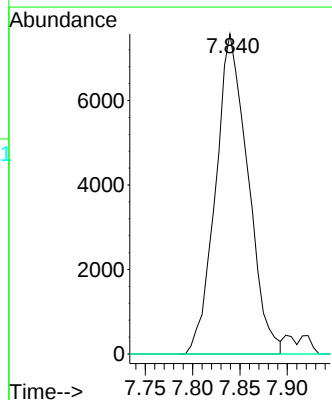
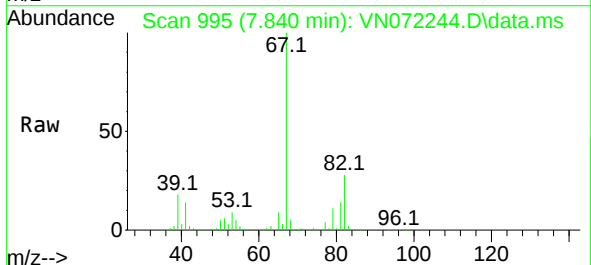
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

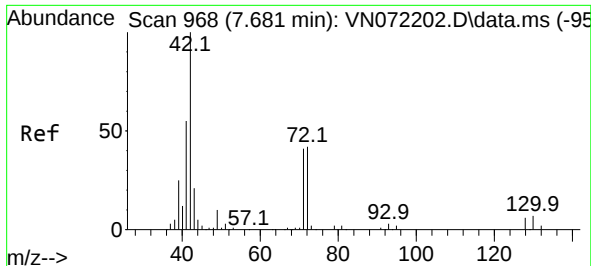
Tgt Ion: 77 Resp: 2791
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#28
Bromochloromethane
Concen: 6.028 ug/l
RT: 7.840 min Scan# 995
Delta R.T. 0.183 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 49 Resp: 18014
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 1.510 ug/l

RT: 7.675 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN072244.D

Acq: 28 Apr 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

MW-8I

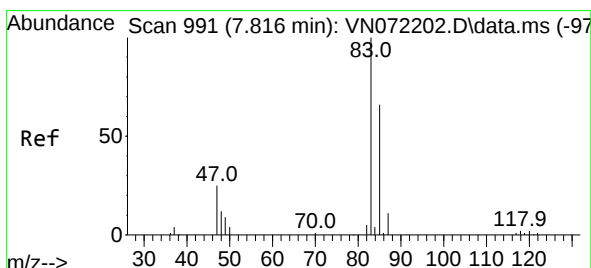
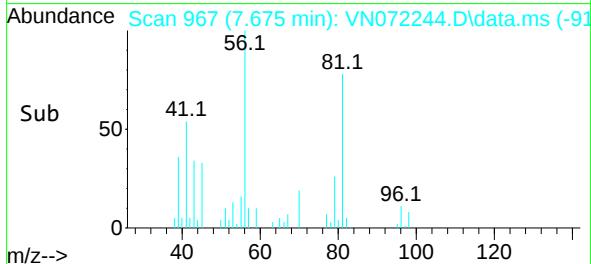
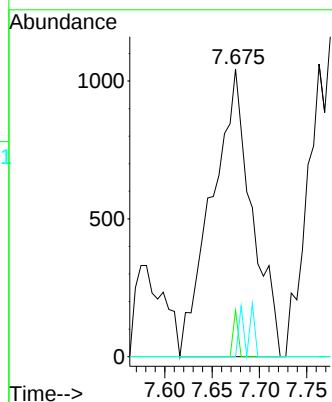
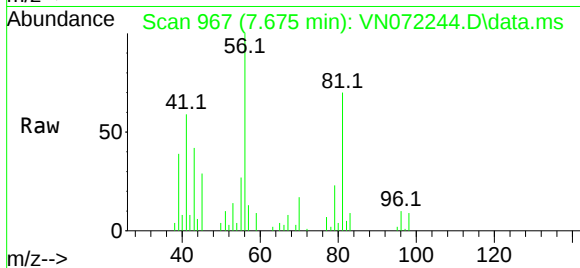
Tgt Ion: 42 Resp: 3052

Ion Ratio Lower Upper

42 100

72 1.9 39.7 59.5#

71 0.0 36.6 55.0#



#30

Chloroform

Concen: 7.603 ug/l

RT: 7.840 min Scan# 995

Delta R.T. 0.024 min

Lab File: VN072244.D

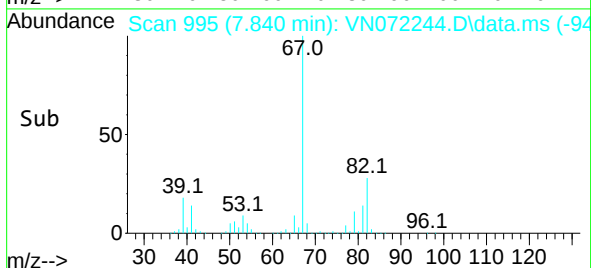
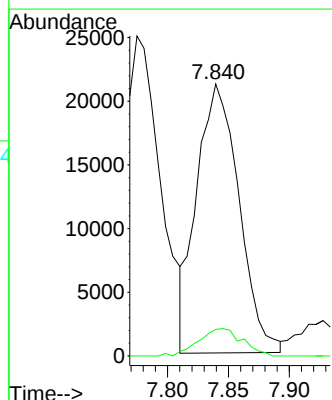
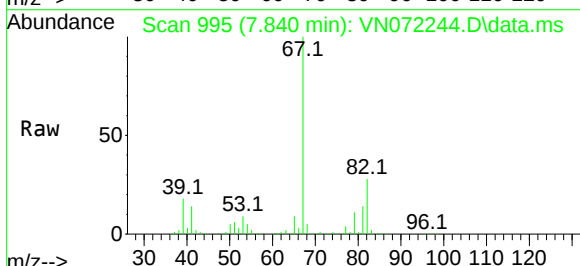
Acq: 28 Apr 2022 17:47

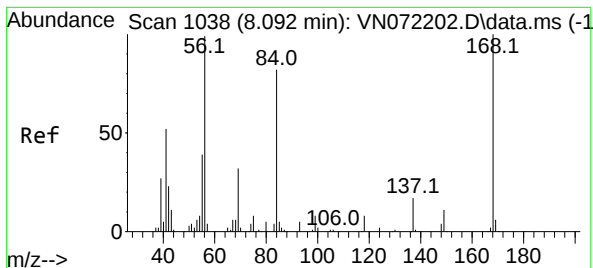
Tgt Ion: 83 Resp: 50945

Ion Ratio Lower Upper

83 100

85 10.3 51.8 77.8#





#31

Cyclohexane

Concen: 176.357 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072244.D

Acq: 28 Apr 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

MW-8I

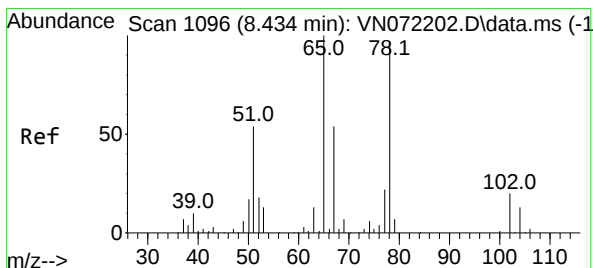
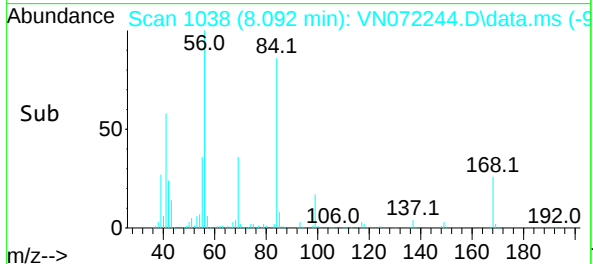
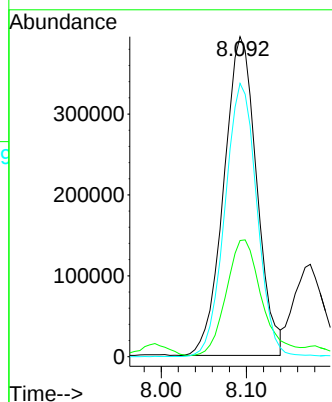
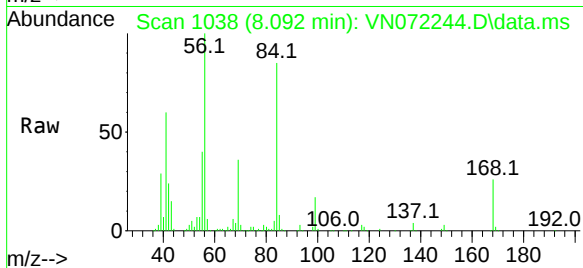
Tgt Ion: 56 Resp: 1056685

Ion Ratio Lower Upper

56 100

69 35.6 27.8 41.8

84 85.6 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 50.022 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072244.D

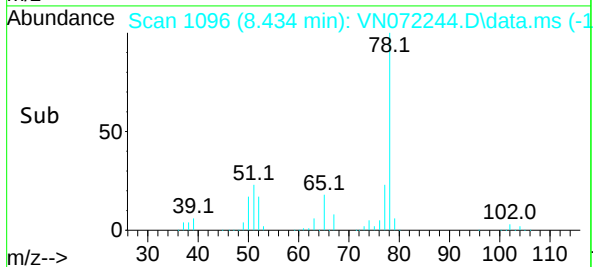
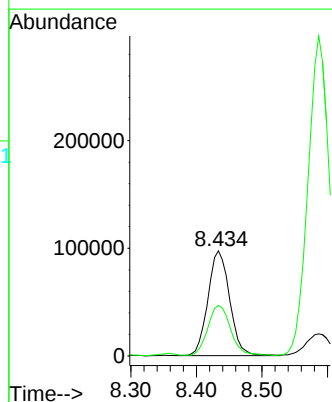
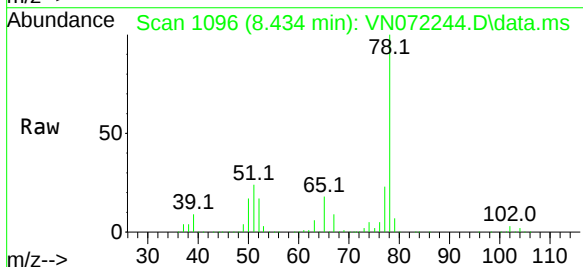
Acq: 28 Apr 2022 17:47

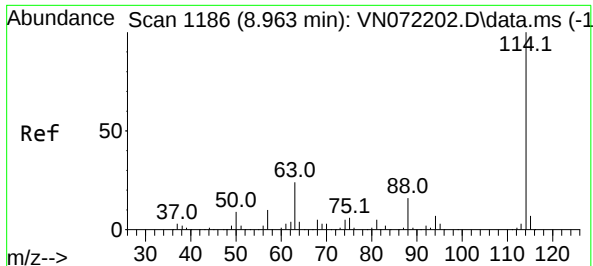
Tgt Ion: 65 Resp: 224316

Ion Ratio Lower Upper

65 100

67 49.3 0.0 104.8

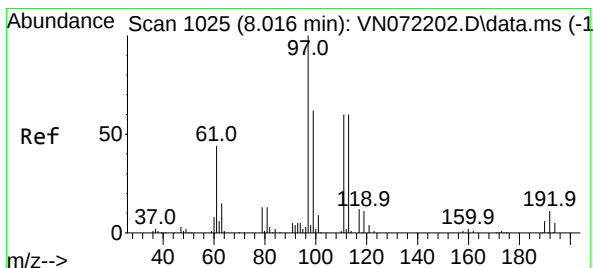
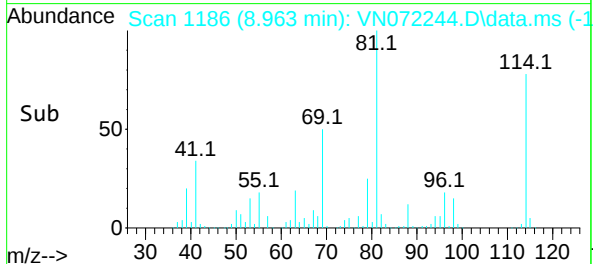
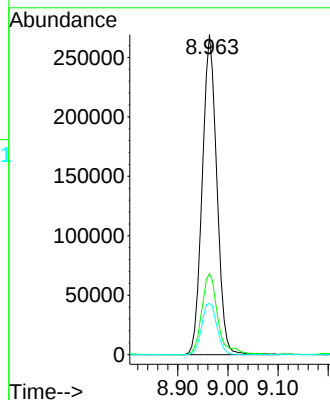
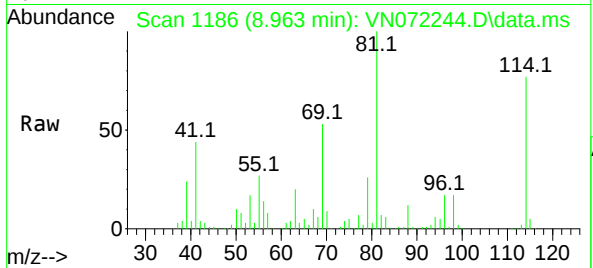




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

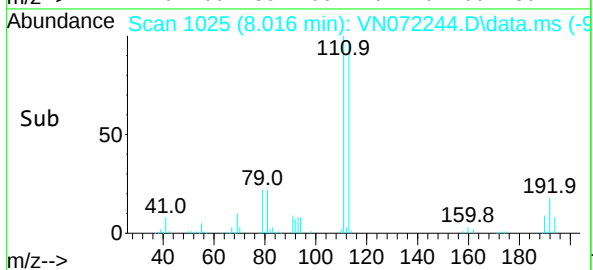
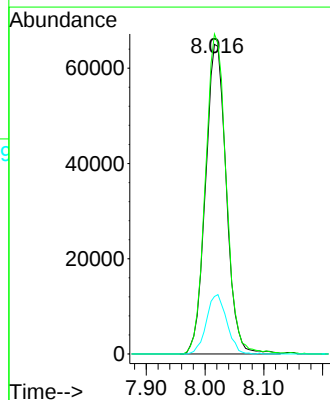
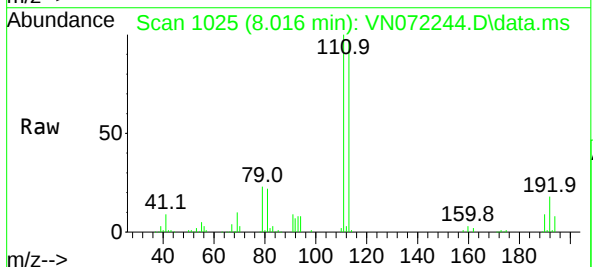
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

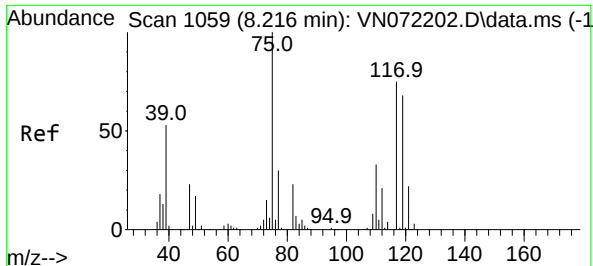
Tgt Ion:114 Resp: 543689
Ion Ratio Lower Upper
114 100
63 25.4 0.0 40.0
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.901 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion:113 Resp: 159730
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.0
192 18.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.341 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.135 min

Lab File: VN072244.D

Acq: 28 Apr 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

MW-8I

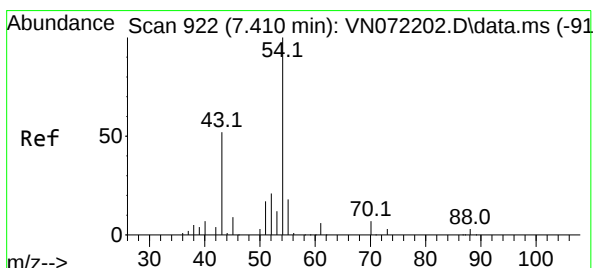
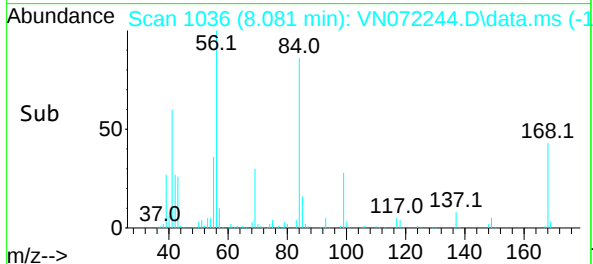
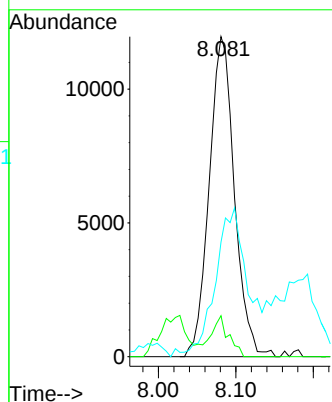
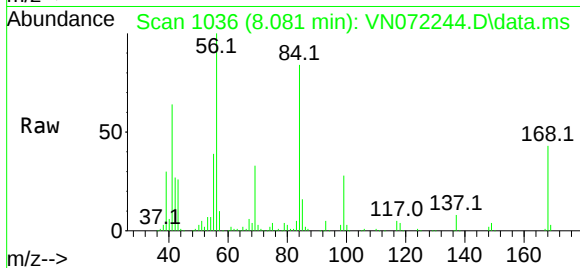
Tgt Ion: 75 Resp: 27054

Ion Ratio Lower Upper

75 100

110 8.5 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 5.654 ug/l

RT: 7.334 min Scan# 909

Delta R.T. -0.076 min

Lab File: VN072244.D

Acq: 28 Apr 2022 17:47

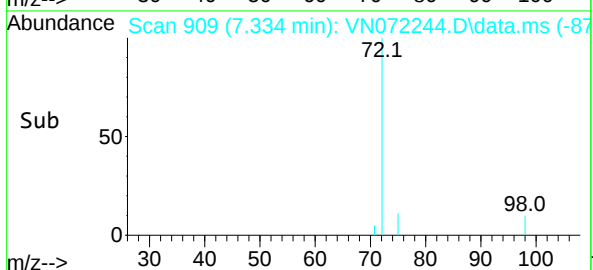
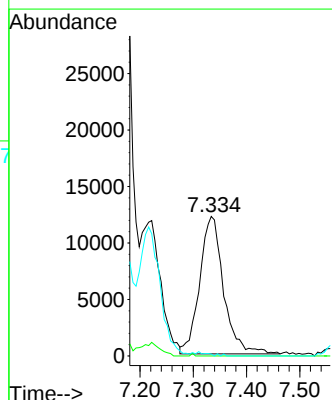
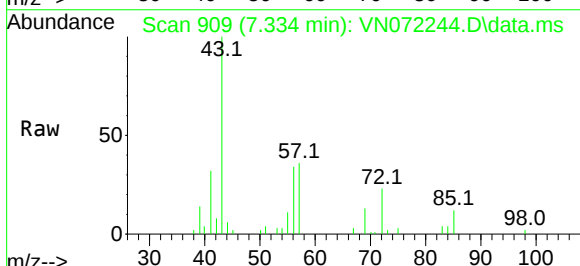
Tgt Ion: 43 Resp: 38031

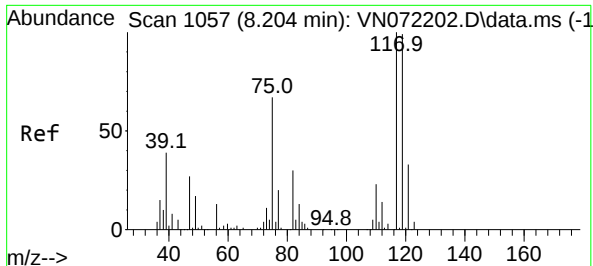
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#

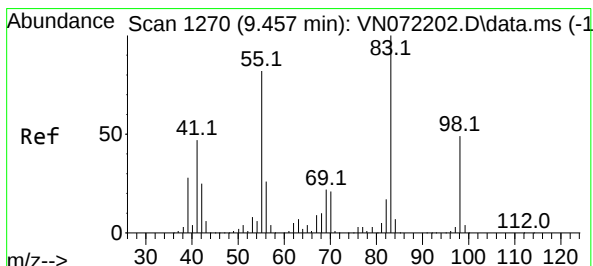
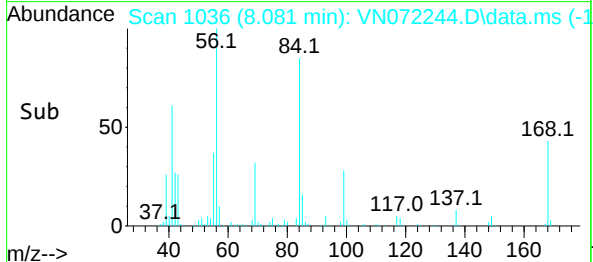
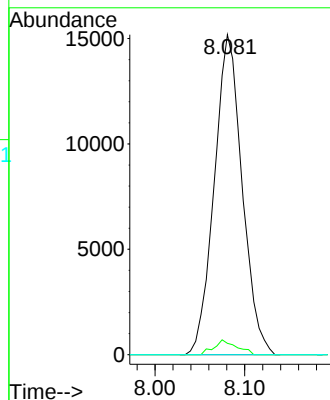
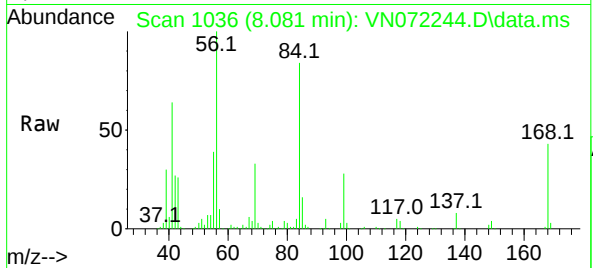




#38
Carbon Tetrachloride
Concen: 6.034 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

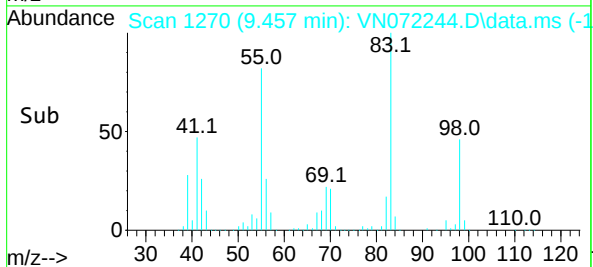
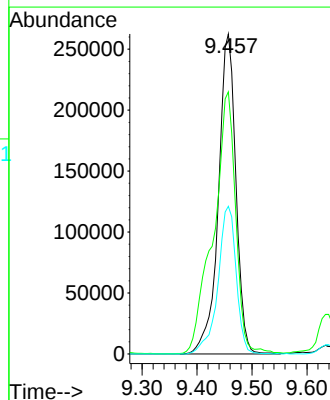
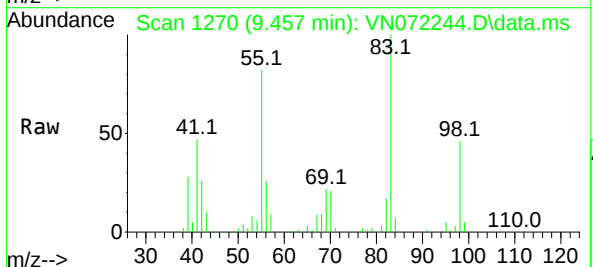
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

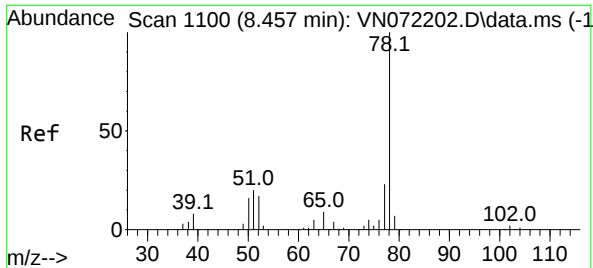
Tgt Ion:117 Resp: 32737
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 102.697 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 83 Resp: 581796
Ion Ratio Lower Upper
83 100
55 81.7 57.8 86.8
98 46.2 39.4 59.2

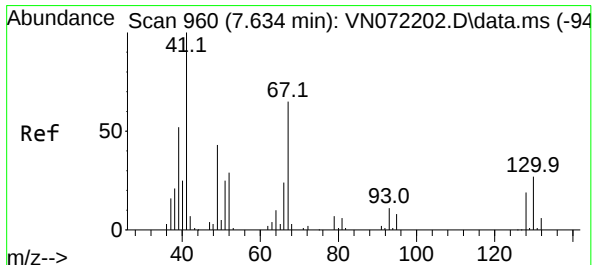
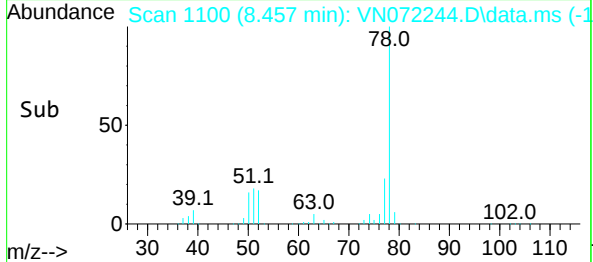
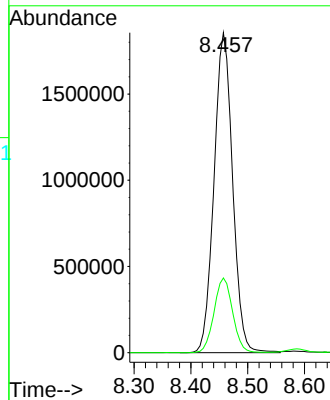
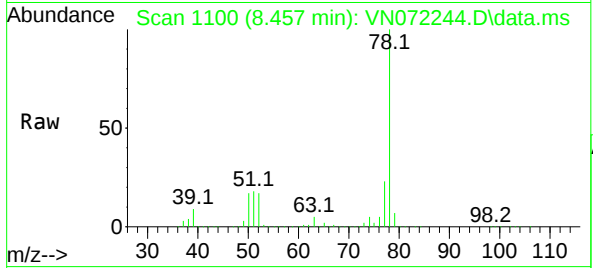




#40
Benzene
Concen: 268.381 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

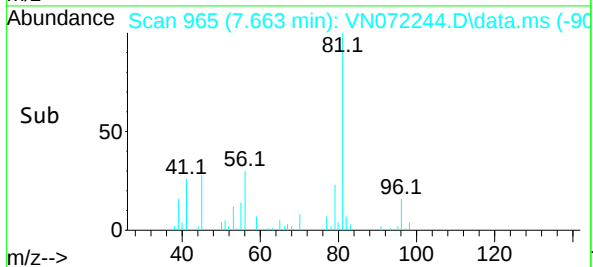
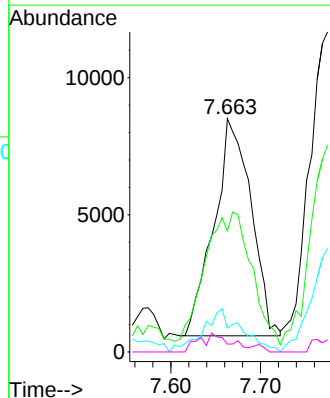
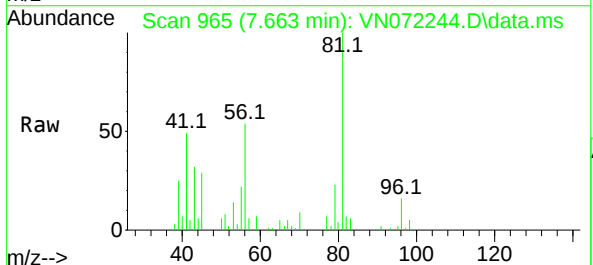
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

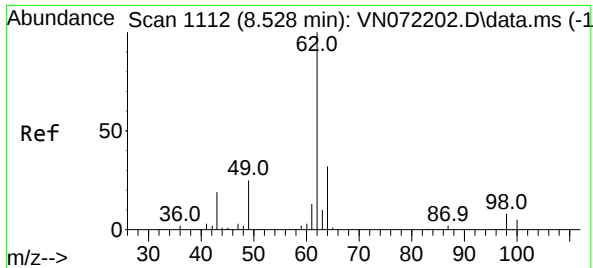
Tgt Ion: 78 Resp: 4216648
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



#41
Methacrylonitrile
Concen: 6.685 ug/l
RT: 7.663 min Scan# 965
Delta R.T. 0.029 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 41 Resp: 22749
Ion Ratio Lower Upper
41 100
39 76.1 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 1.199 ug/l

RT: 8.581 min Scan# 1121

Delta R.T. 0.053 min

Lab File: VN072244.D

Acq: 28 Apr 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

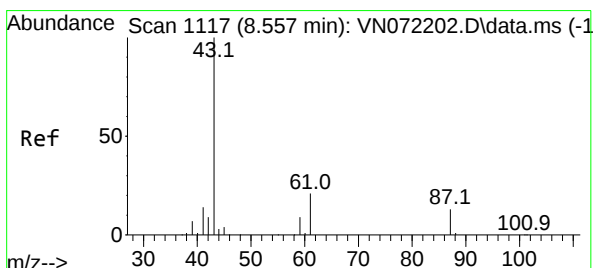
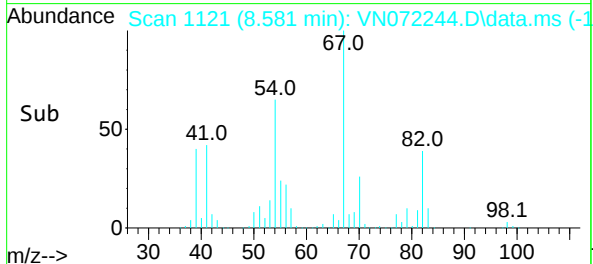
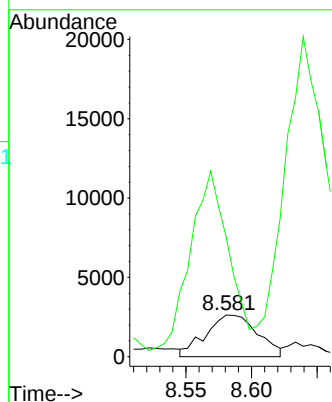
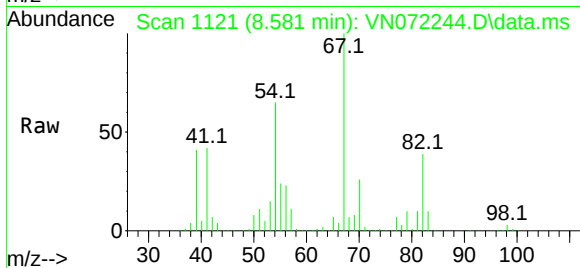
MW-8I

Tgt Ion: 62 Resp: 7209

Ion Ratio Lower Upper

62 100

98 319.5 0.0 19.4#



#43

Isopropyl Acetate

Concen: 8.099 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN072244.D

Acq: 28 Apr 2022 17:47

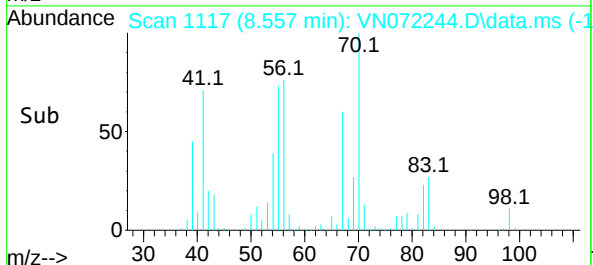
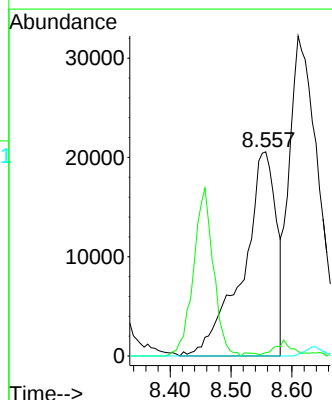
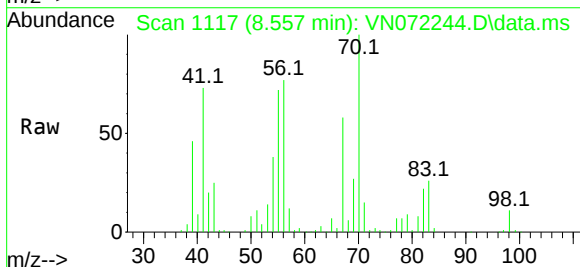
Tgt Ion: 43 Resp: 78328

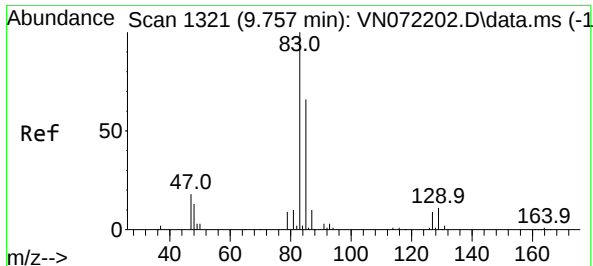
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

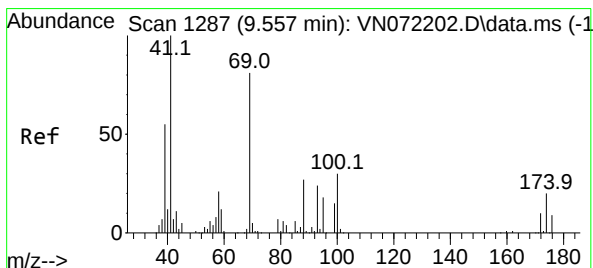
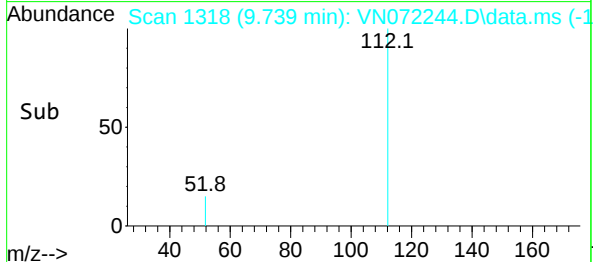
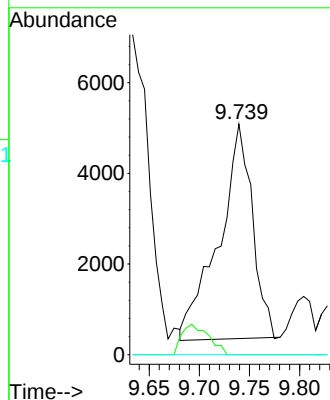
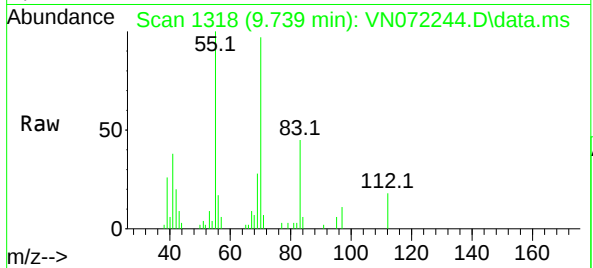




#47
Bromodichloromethane
Concen: 1.975 ug/l
RT: 9.739 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

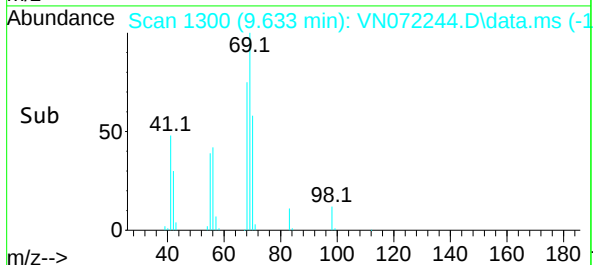
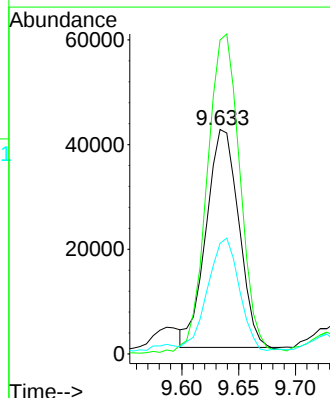
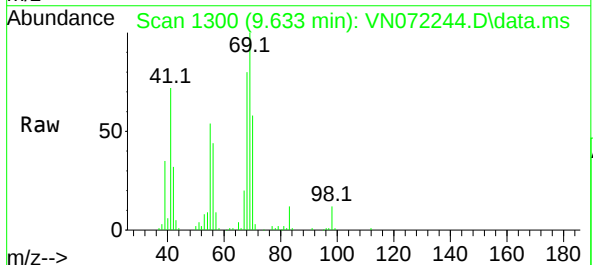
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

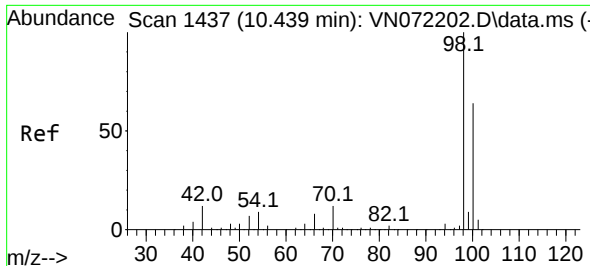
Tgt Ion: 83 Resp: 11022
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 18.726 ug/l
RT: 9.633 min Scan# 1300
Delta R.T. 0.076 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 41 Resp: 83208
Ion Ratio Lower Upper
41 100
69 148.1 74.7 112.1#
39 49.7 45.6 68.4

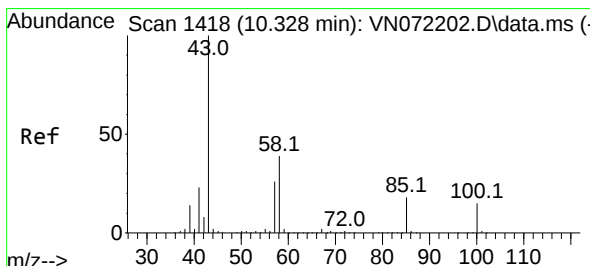
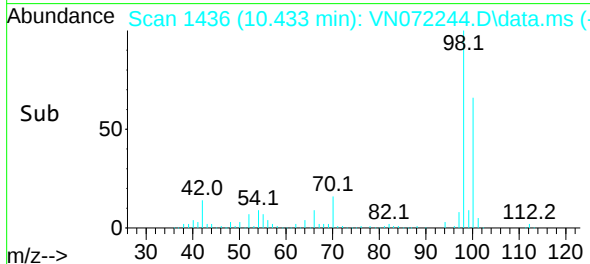
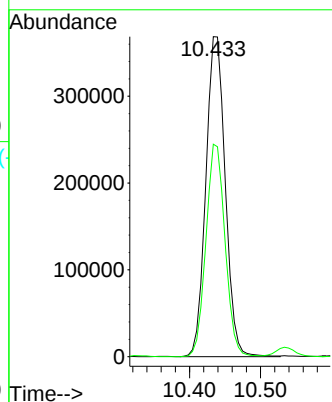
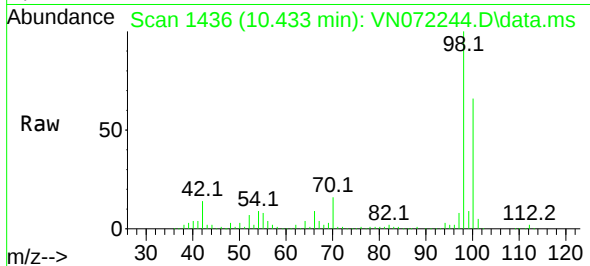




#50
Toluene-d8
Concen: 51.340 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

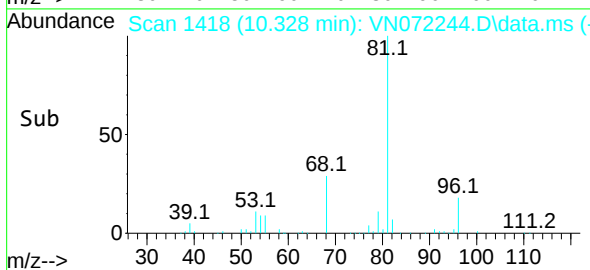
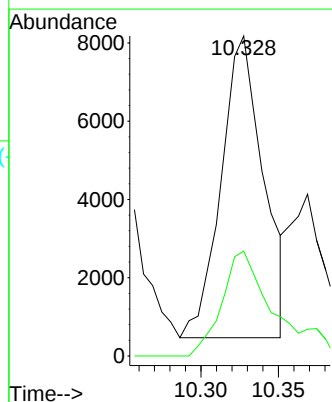
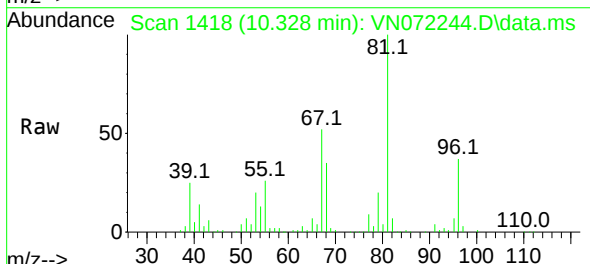
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

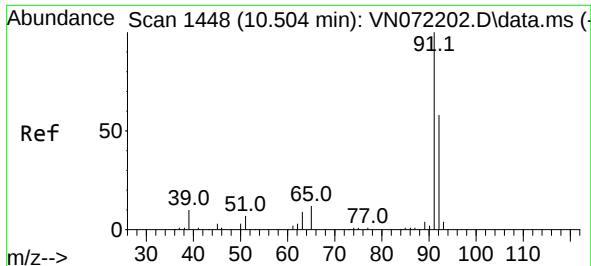
Tgt Ion: 98 Resp: 702018
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 2.308 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 43 Resp: 14650
Ion Ratio Lower Upper
43 100
58 42.5 34.1 51.1

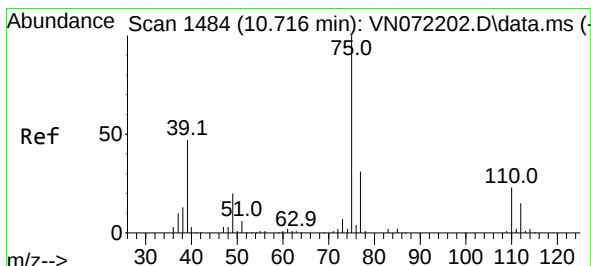
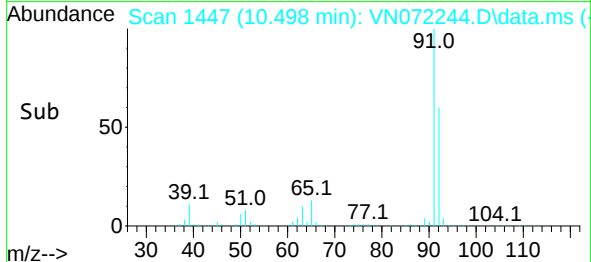
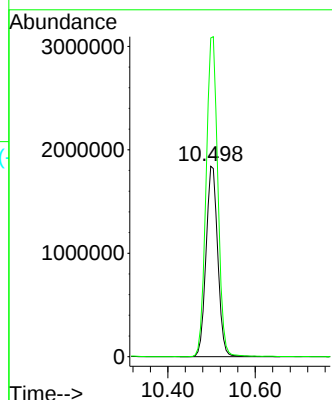
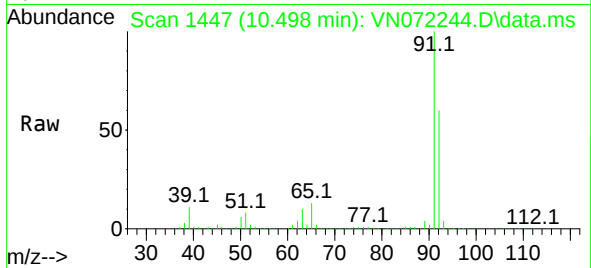




#52
Toluene
Concen: 365.170 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

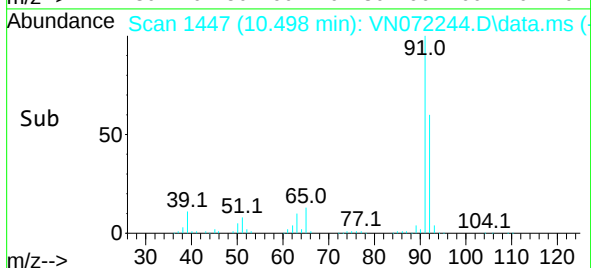
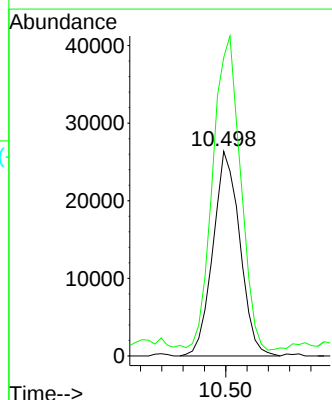
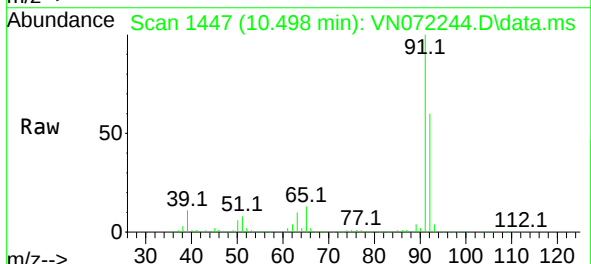
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

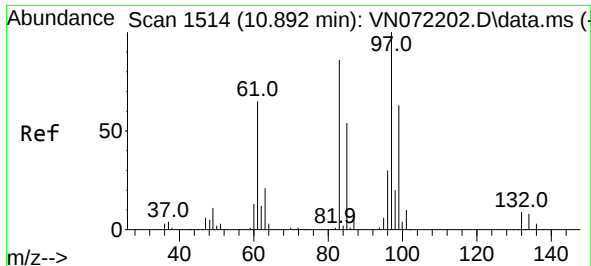
Tgt Ion: 92 Resp: 3429884
Ion Ratio Lower Upper
92 100
91 168.8 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 8.230 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.218 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 75 Resp: 46166
Ion Ratio Lower Upper
75 100
77 141.9 25.6 38.4#

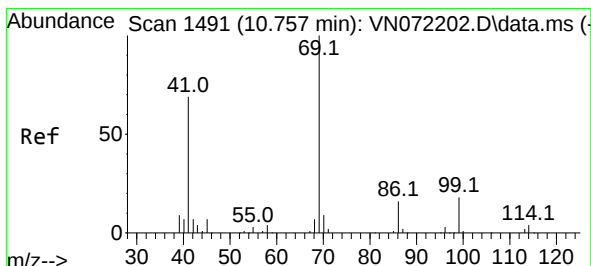
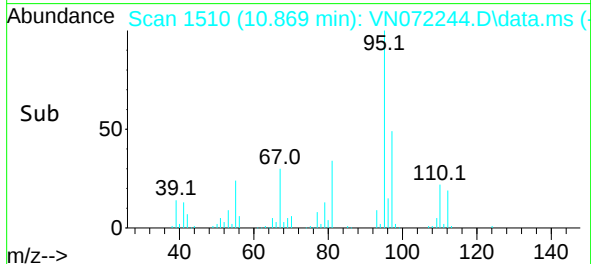
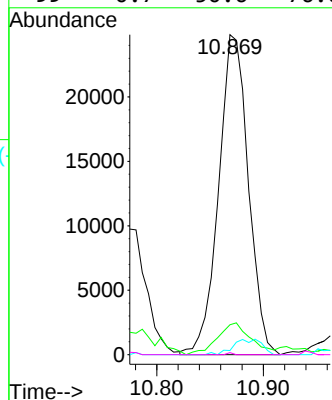
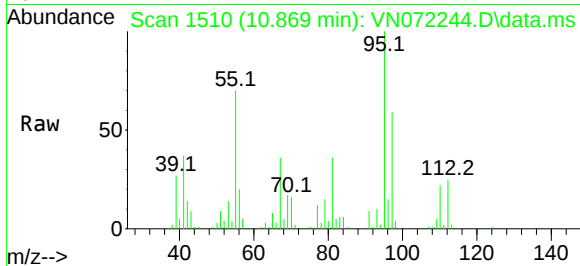




#55
1,1,2-Trichloroethane
Concen: 12.201 ug/l
RT: 10.869 min Scan# 1510
Delta R.T. -0.023 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

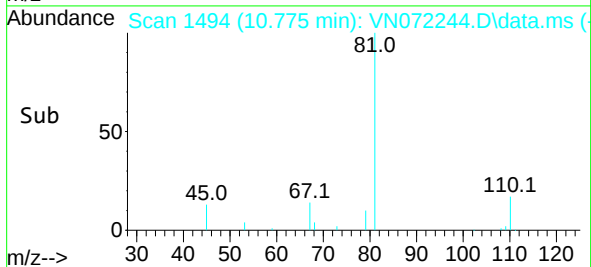
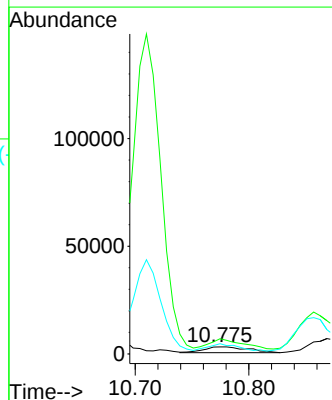
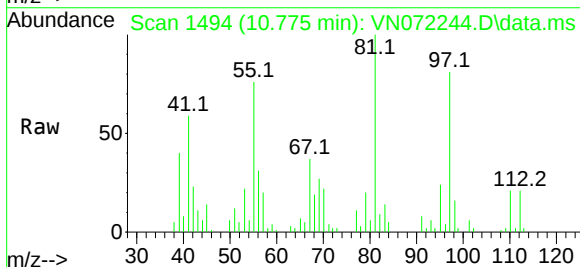
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

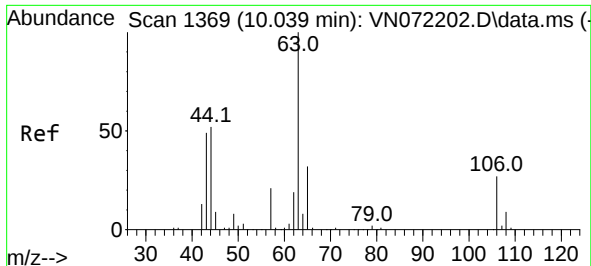
Tgt Ion: 97	Resp: 48049
Ion Ratio	Lower Upper
97 100	
83 8.2	66.2 99.4#
85 1.3	43.9 65.9#
99 0.7	50.6 76.0#



#56
Ethyl methacrylate
Concen: 3.374 ug/l
RT: 10.775 min Scan# 1494
Delta R.T. 0.018 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 69	Resp: 7301
Ion Ratio	Lower Upper
69 100	
41 124.8	47.8 71.6#
39 0.0	27.3 40.9#

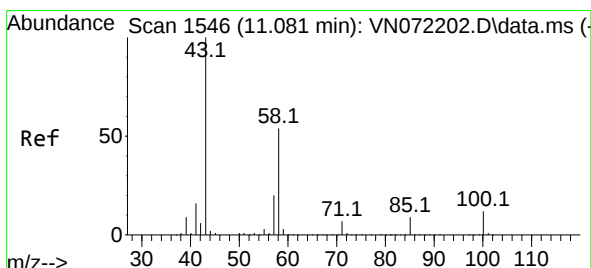
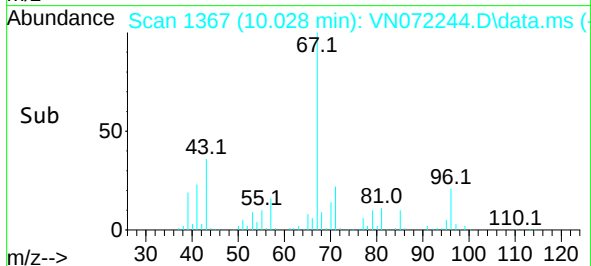
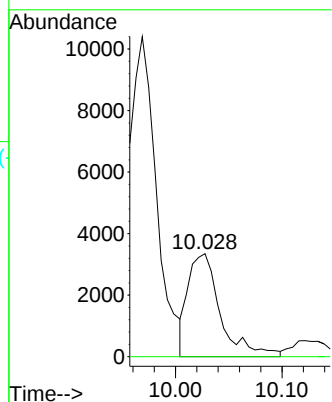
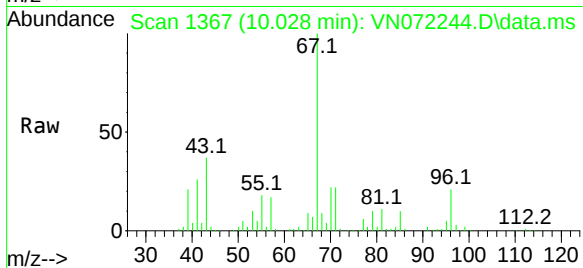




#58
2-Chloroethyl Vinyl ether
Concen: 21.256 ug/l
RT: 10.028 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

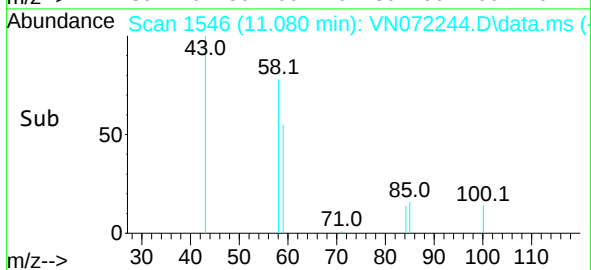
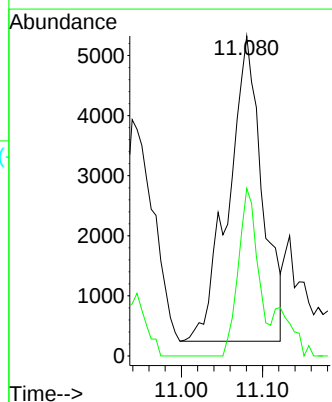
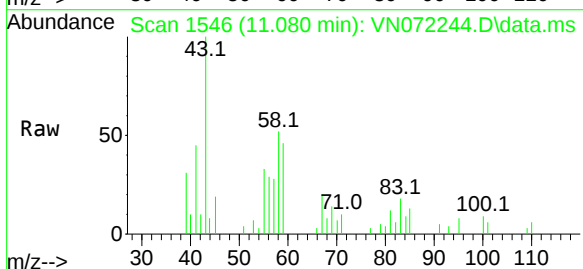
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

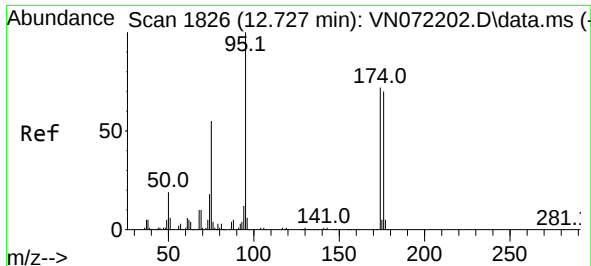
Tgt Ion: 63 Resp: 7037
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 3.281 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 43 Resp: 14673
Ion Ratio Lower Upper
43 100
58 32.5 29.7 89.1

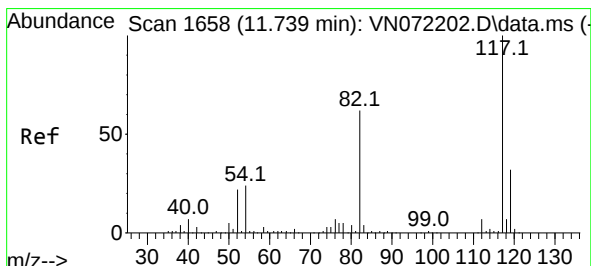
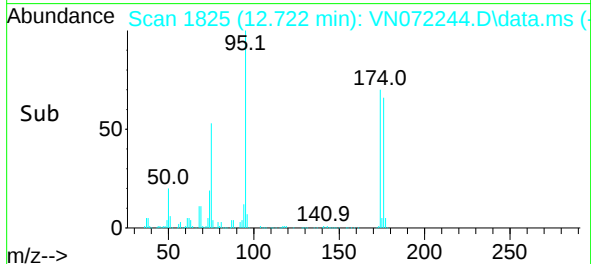
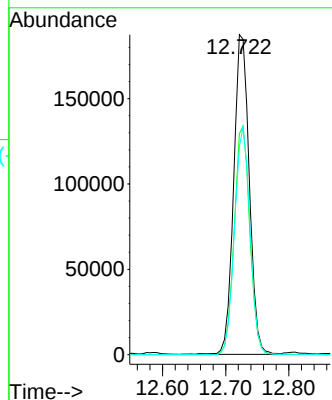
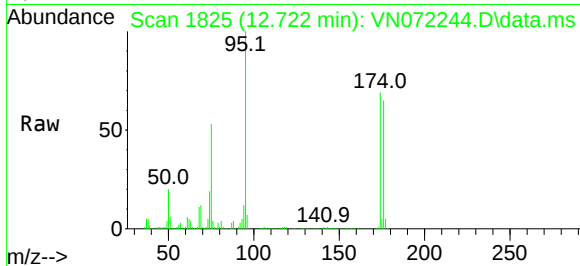




#62
4-Bromofluorobenzene
Concen: 70.693 ug/l
RT: 12.722 min Scan# 1826
Delta R.T. -0.005 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

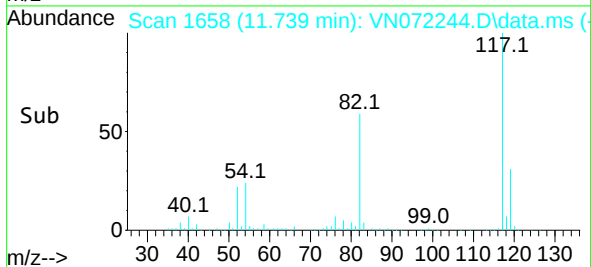
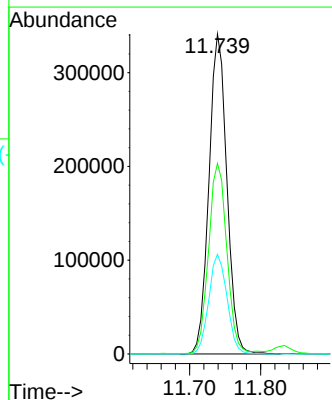
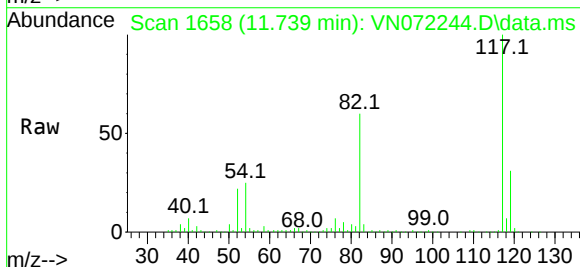
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

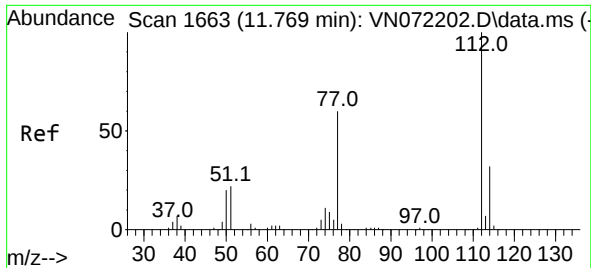
Tgt Ion: 95 Resp: 320853
Ion Ratio Lower Upper
95 100
174 71.7 0.0 167.6
176 70.7 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 117 Resp: 597713
Ion Ratio Lower Upper
117 100
82 59.4 44.2 66.2
119 31.1 25.4 38.0

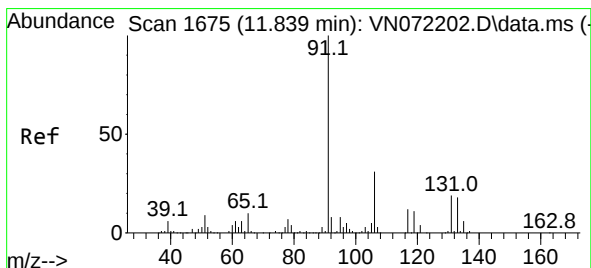
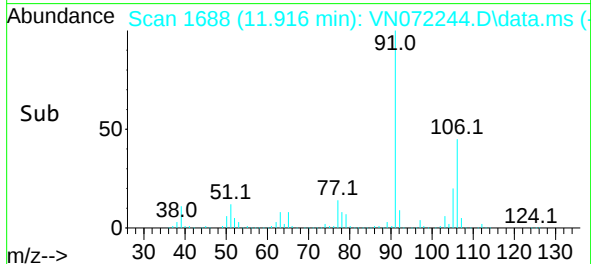
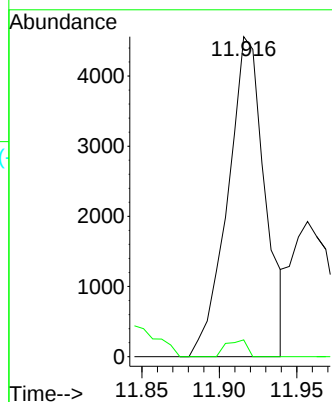
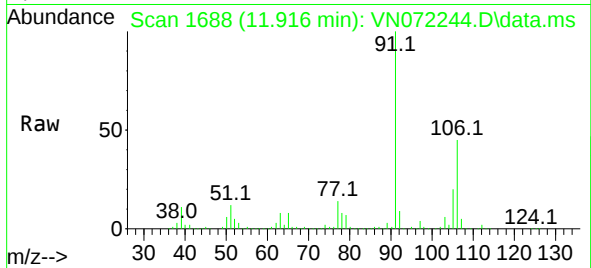




#65
Chlorobenzene
Concen: 0.631 ug/l
RT: 11.916 min Scan# 1688
Delta R.T. 0.147 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

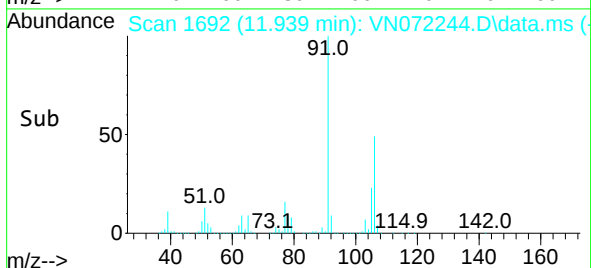
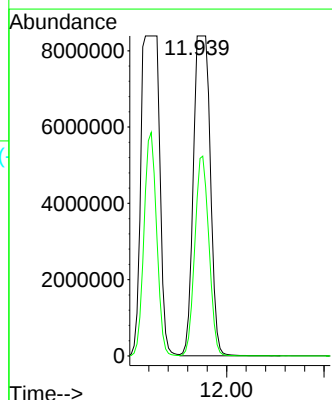
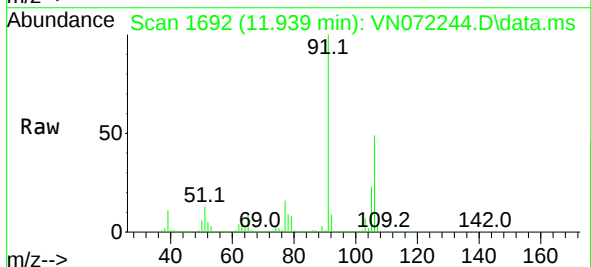
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

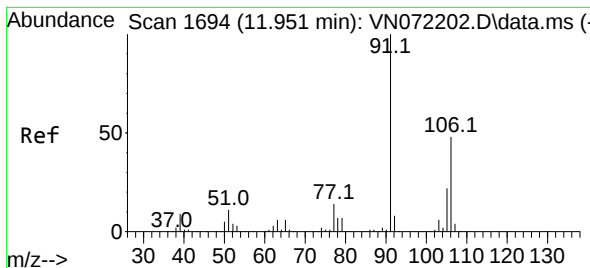
Tgt Ion:112 Resp: 7623
Ion Ratio Lower Upper
112 100
114 5.2 25.4 38.2#



#67
Ethyl Benzene
Concen: 958.891 ug/l
RT: 11.939 min Scan# 1692
Delta R.T. 0.100 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 91 Resp:20195629
Ion Ratio Lower Upper
91 100
106 49.3 24.9 37.3#

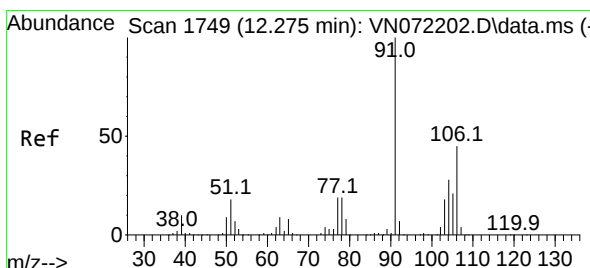
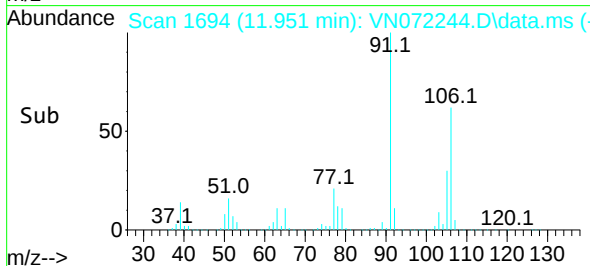
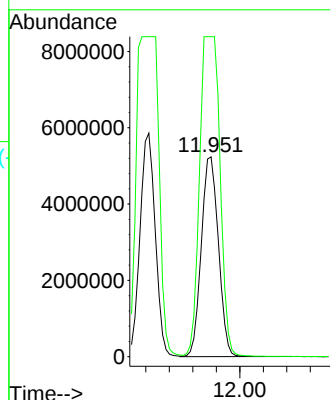
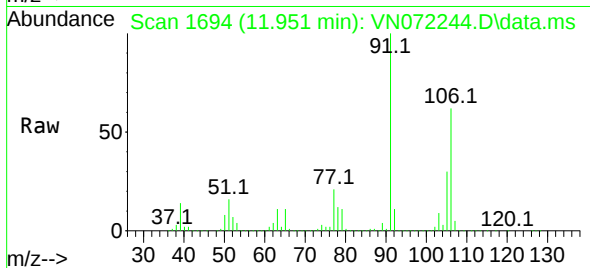




#68
m/p-Xylenes
Concen: 1349.986 ug/l
RT: 11.951 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

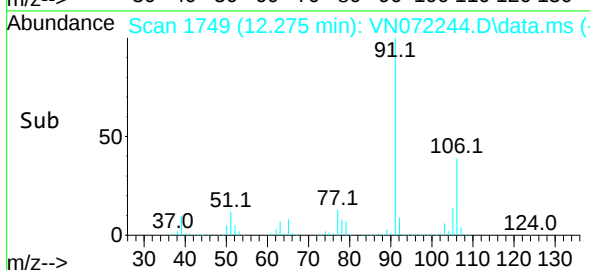
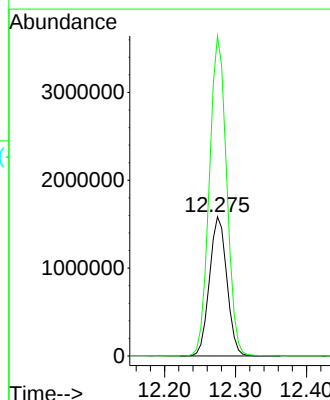
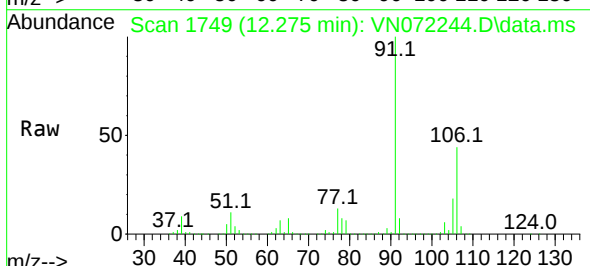
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

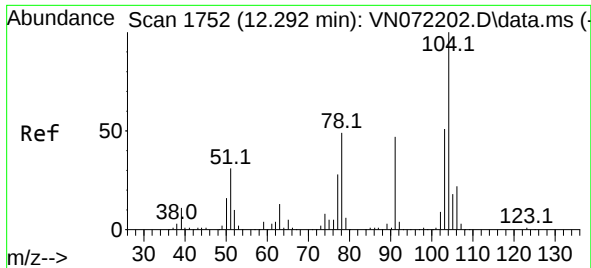
Tgt Ion:106 Resp:10558184
Ion Ratio Lower Upper
106 100
91 191.9 158.9 238.3



#69
o-Xylene
Concen: 355.317 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion:106 Resp: 2694014
Ion Ratio Lower Upper
106 100
91 229.0 106.0 318.0

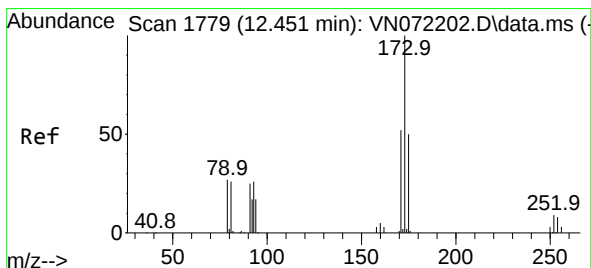
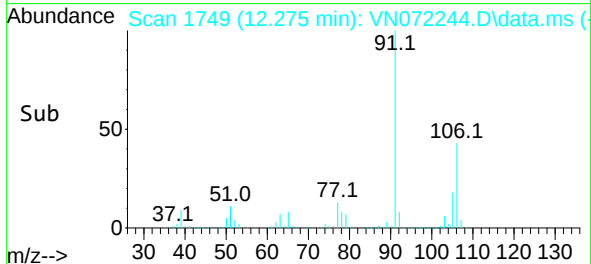
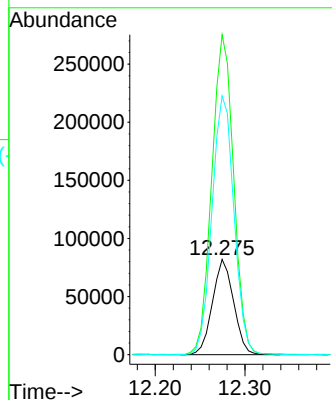
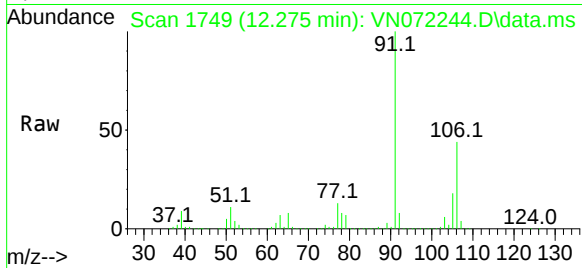




#70
Styrene
Concen: 11.255 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

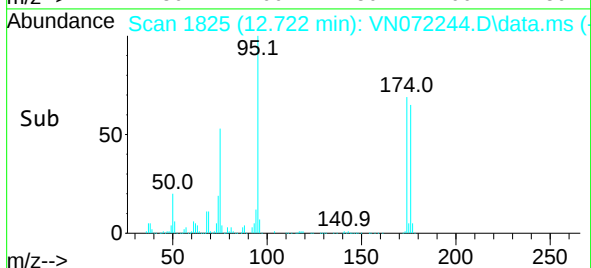
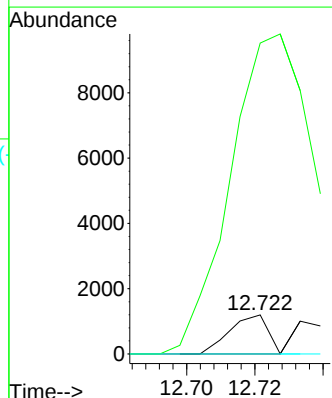
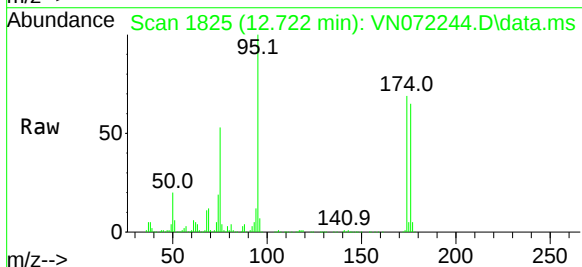
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

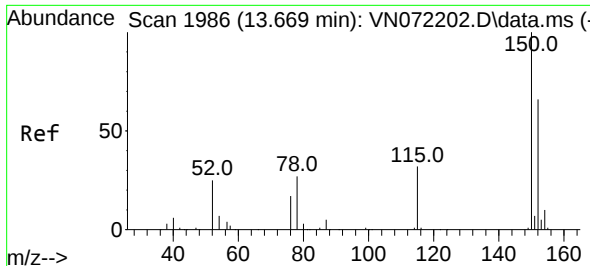
Tgt Ion:104 Resp: 134411
Ion Ratio Lower Upper
104 100
78 345.8 39.5 59.3#
103 282.4 44.0 66.0#



#71
Bromoform
Concen: 0.274 ug/l
RT: 12.722 min Scan# 1825
Delta R.T. 0.271 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion:173 Resp: 929
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#

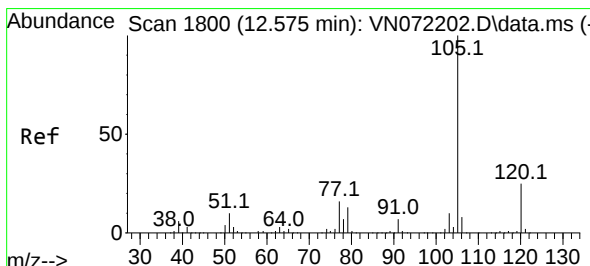
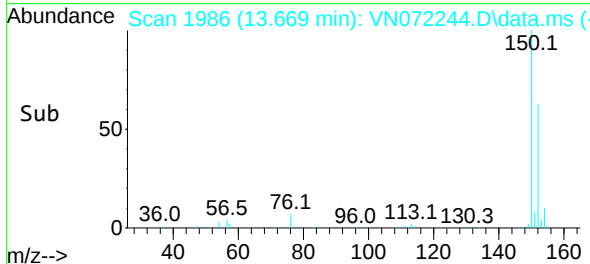
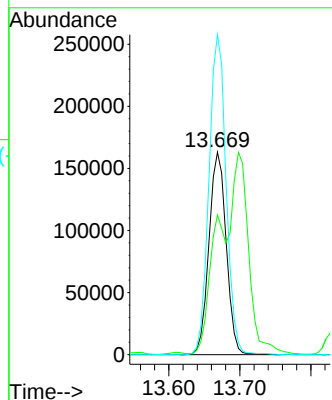
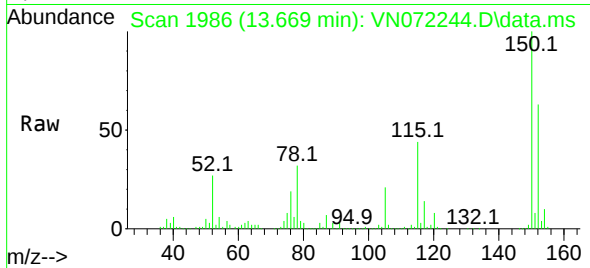




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

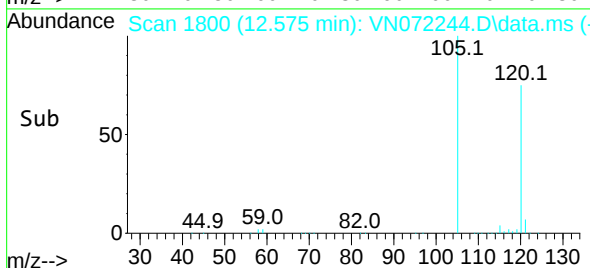
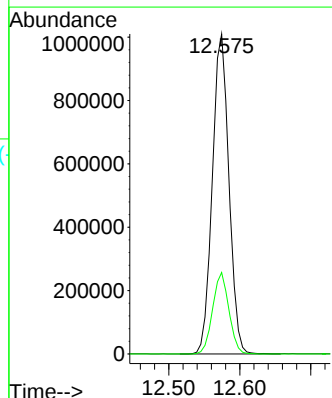
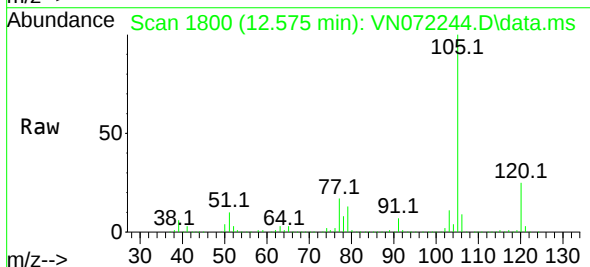
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

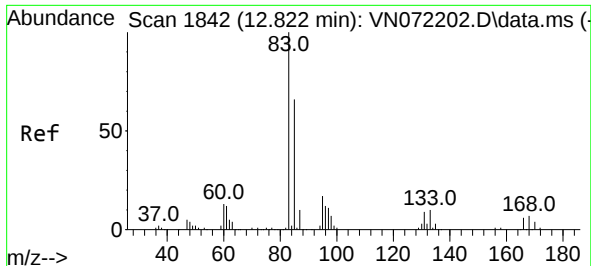
Tgt Ion:152 Resp: 274947
Ion Ratio Lower Upper
152 100
115 63.8 28.9 86.7
150 157.1 0.0 356.2



#73
Isopropylbenzene
Concen: 67.287 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion:105 Resp: 1633956
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.4

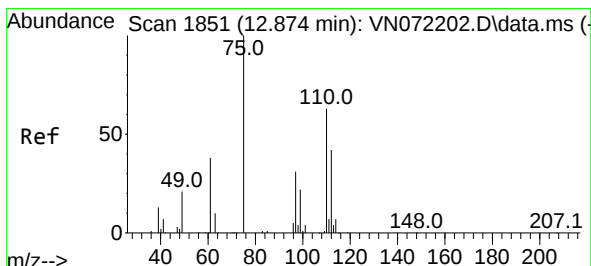
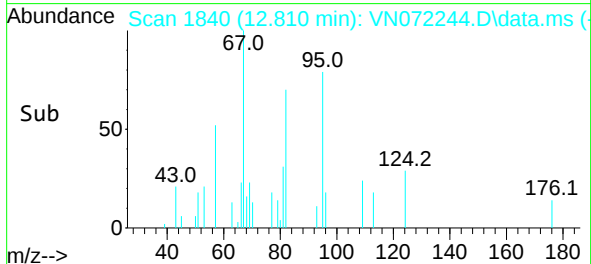
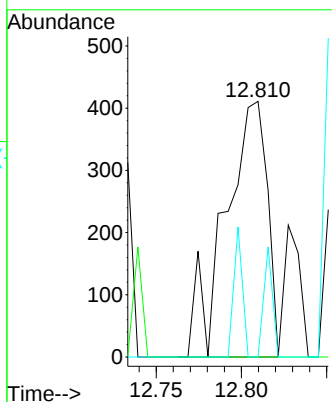
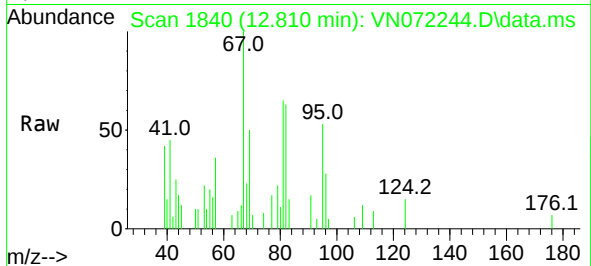




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.810 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: VN072244.D
 Acq: 28 Apr 2022 17:47

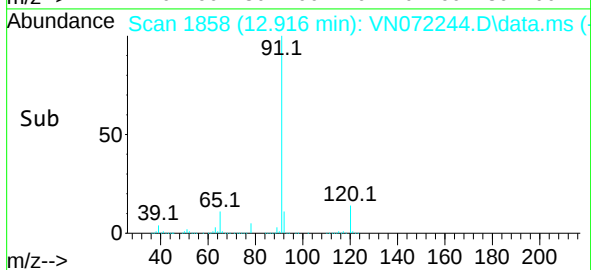
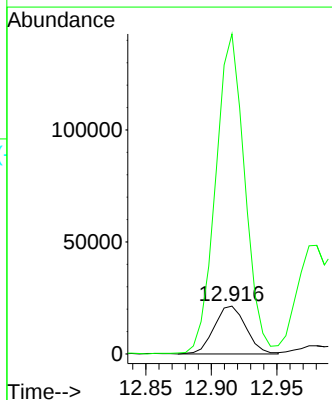
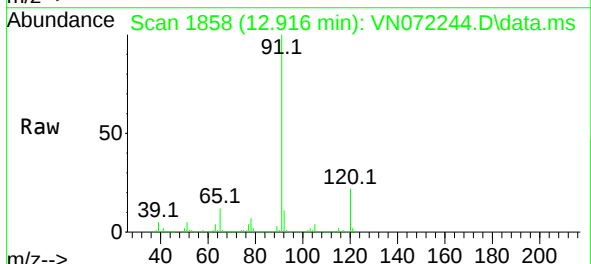
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8I

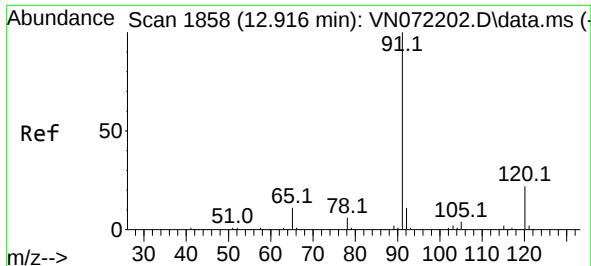
Tgt Ion: 83 Resp: 703
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.9#
 85 0.0 32.3 96.9#



#76
 1,2,3-Trichloropropane
 Concen: 2.796 ug/l
 RT: 12.916 min Scan# 1858
 Delta R.T. 0.042 min
 Lab File: VN072244.D
 Acq: 28 Apr 2022 17:47

Tgt Ion: 75 Resp: 36059
 Ion Ratio Lower Upper
 75 100
 77 613.2 98.5 295.5#

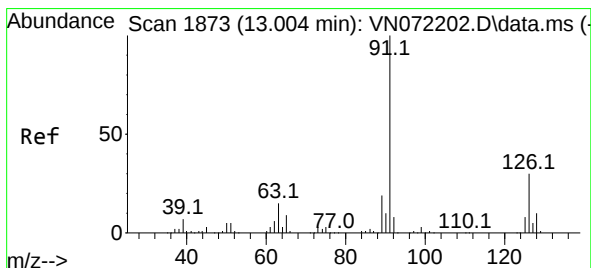
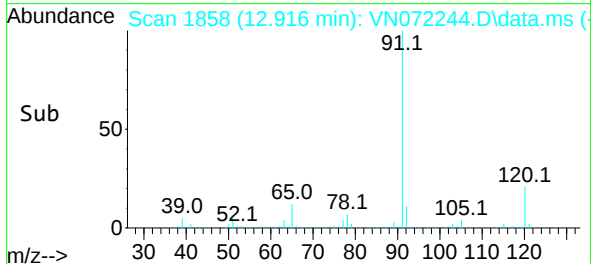
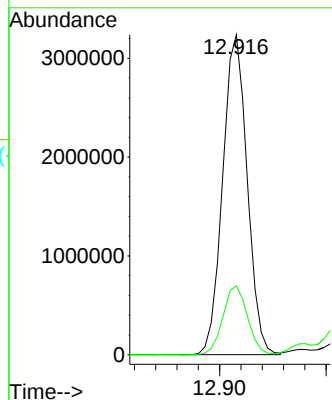
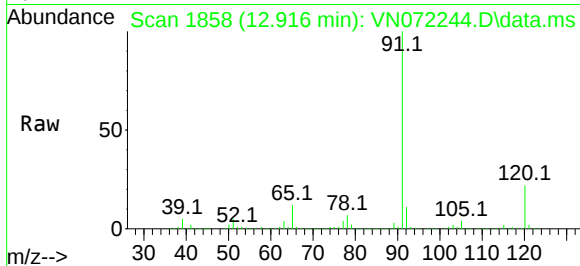




#78
n-propylbenzene
Concen: 193.250 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

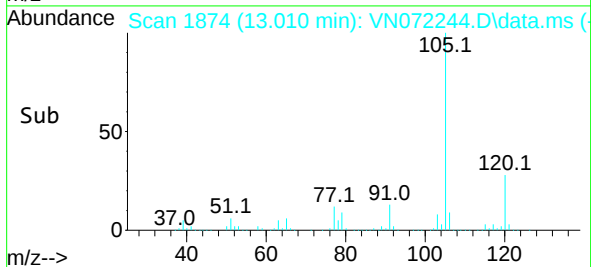
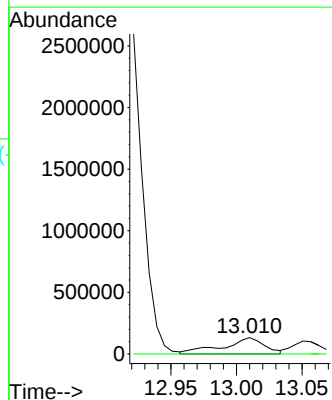
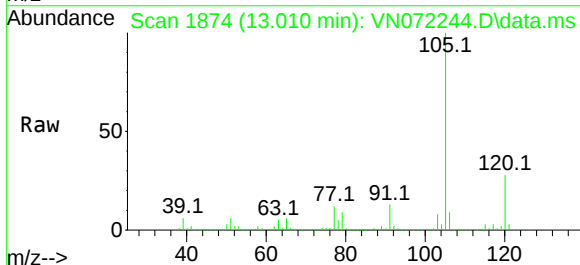
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

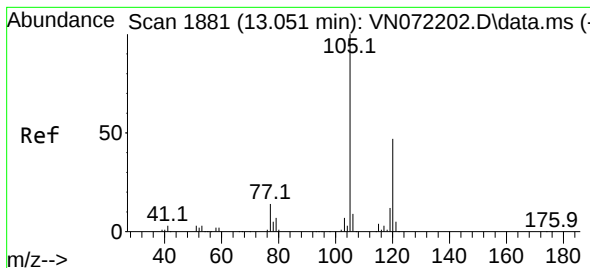
Tgt Ion: 91 Resp: 5169790
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5



#79
2-Chlorotoluene
Concen: 16.351 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 91 Resp: 287311
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 67.852 ug/l

RT: 13.057 min Scan# 1881

Delta R.T. 0.006 min

Lab File: VN072244.D

Acq: 28 Apr 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

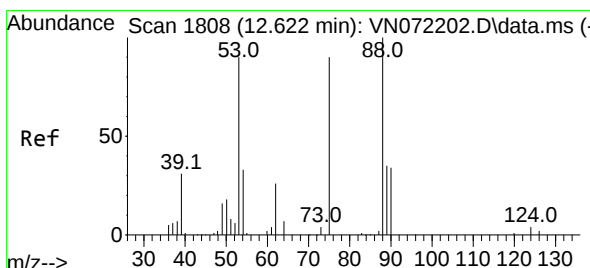
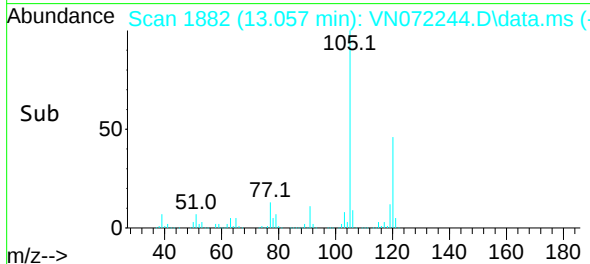
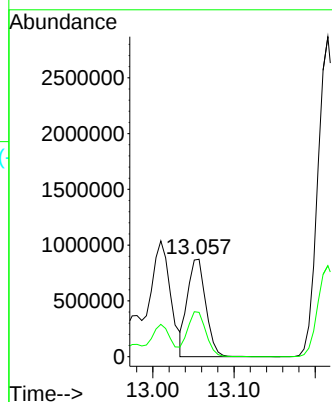
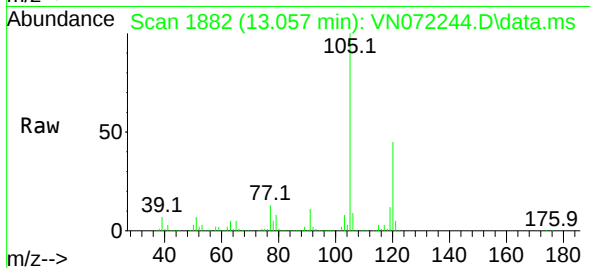
MW-8I

Tgt Ion:105 Resp: 1372194

Ion Ratio Lower Upper

105 100

120 46.0 24.9 74.7



#81

trans-1,4-Dichloro-2-butene

Concen: 9.231 ug/l

RT: 12.575 min Scan# 1800

Delta R.T. -0.047 min

Lab File: VN072244.D

Acq: 28 Apr 2022 17:47

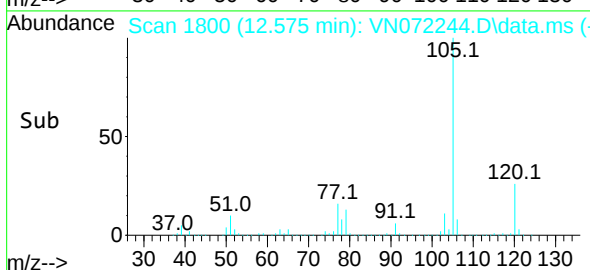
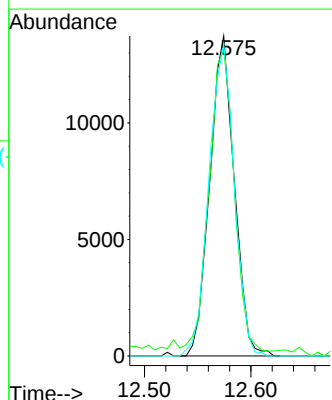
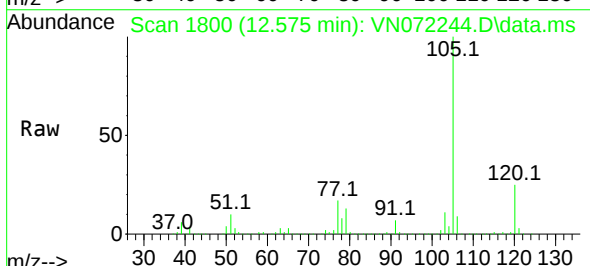
Tgt Ion: 75 Resp: 21950

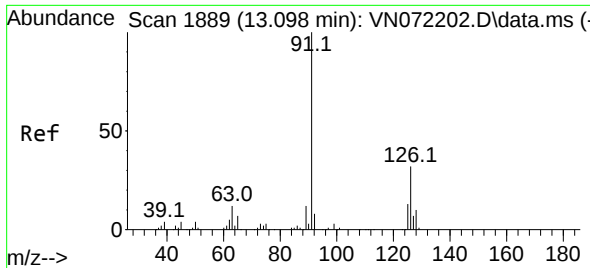
Ion Ratio Lower Upper

75 100

53 96.1 78.0 117.0

89 100.9 37.2 55.8#

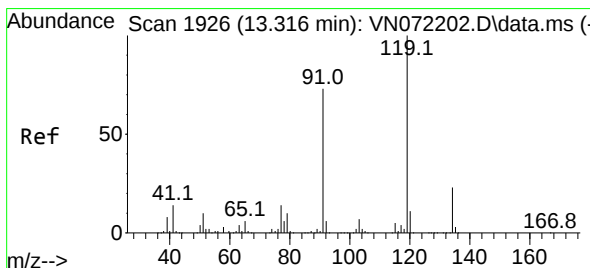
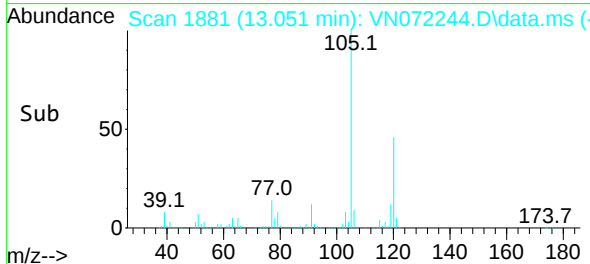
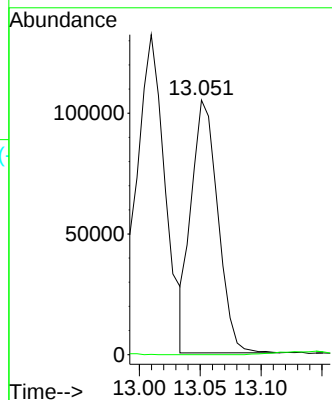
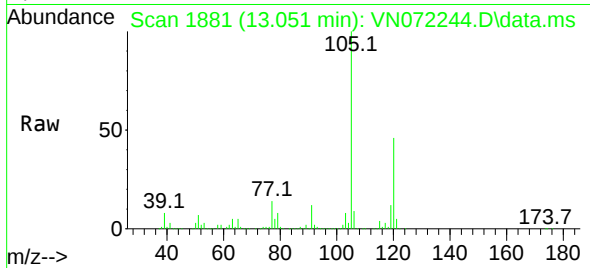




#82
4-Chlorotoluene
Concen: 9.716 ug/l
RT: 13.051 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

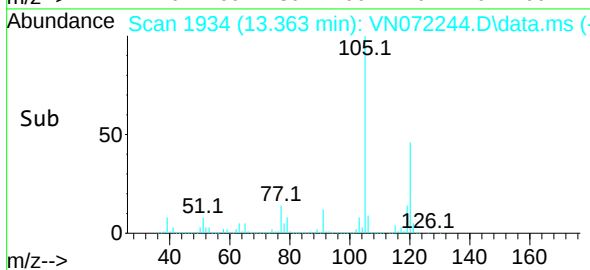
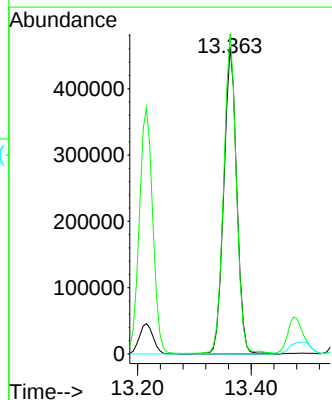
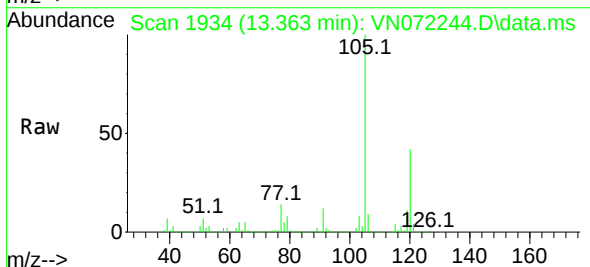
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

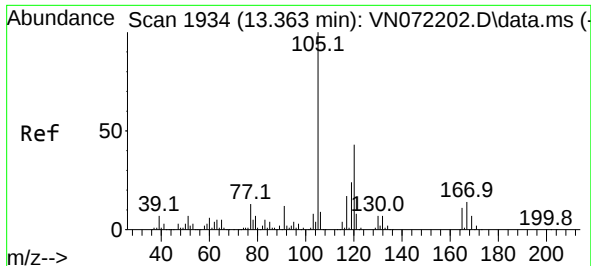
Tgt Ion: 91 Resp: 158917
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 41.353 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 119 Resp: 734269
Ion Ratio Lower Upper
119 100
91 102.4 31.6 94.8#
134 0.0 13.7 41.1#

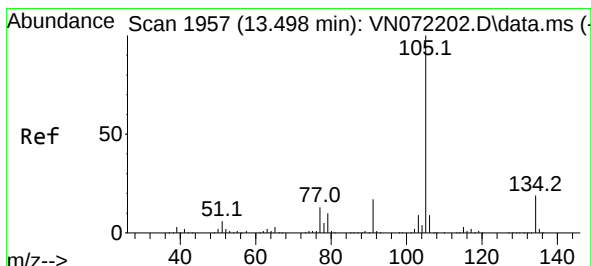
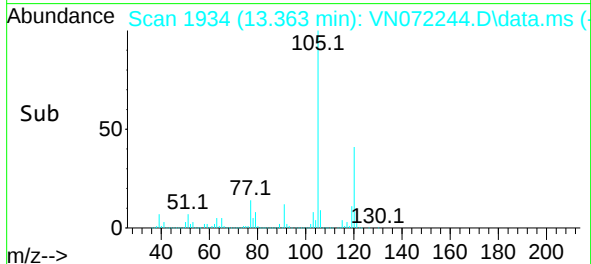
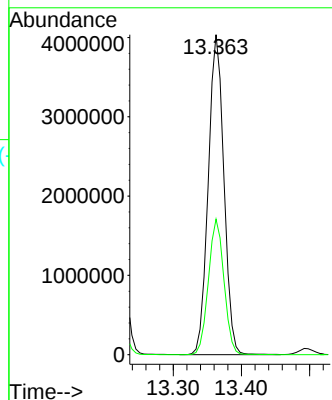
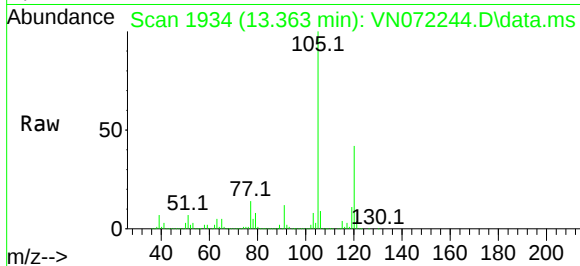




#84
1,2,4-Trimethylbenzene
Concen: 328.459 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

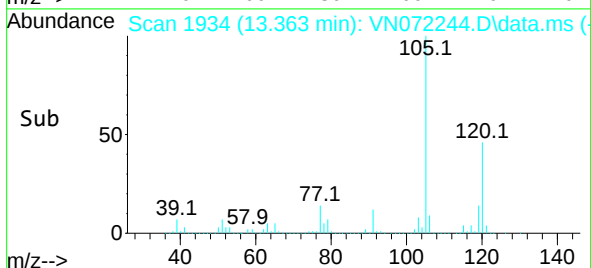
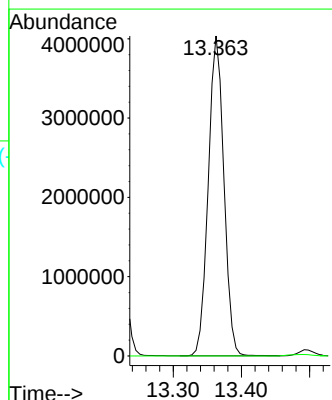
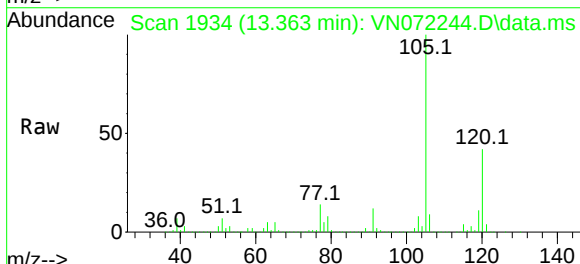
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

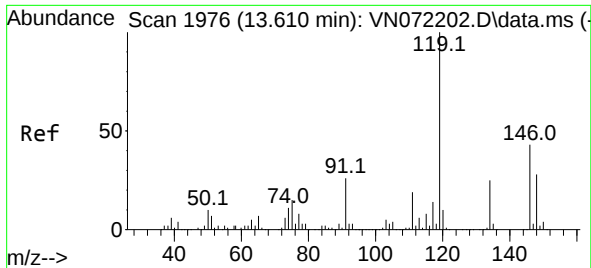
Tgt Ion:105 Resp: 6426950
Ion Ratio Lower Upper
105 100
120 42.2 23.3 69.8



#85
sec-Butylbenzene
Concen: 277.508 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.135 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion:105 Resp: 6424148
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

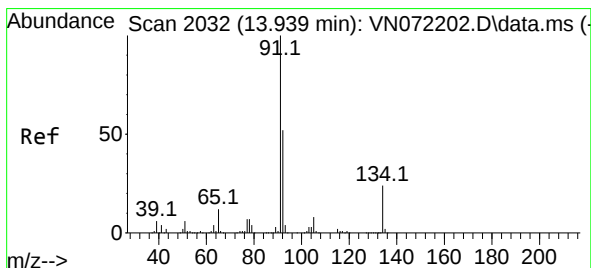
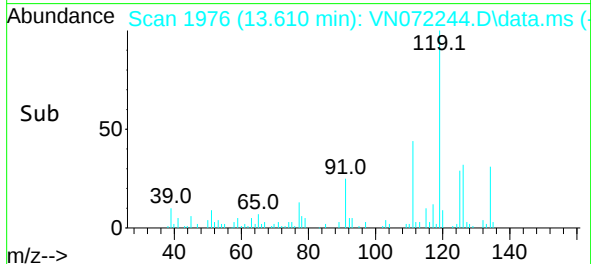
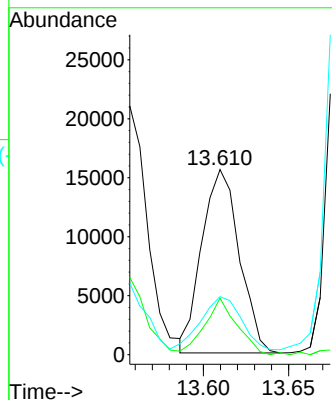
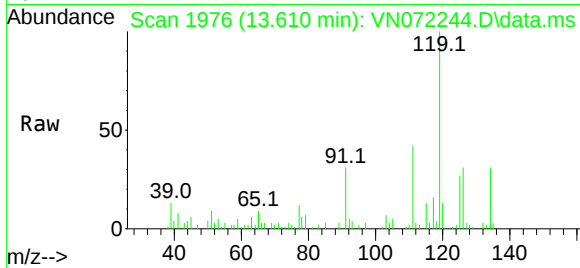




#86
p-Isopropyltoluene
Concen: 1.318 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

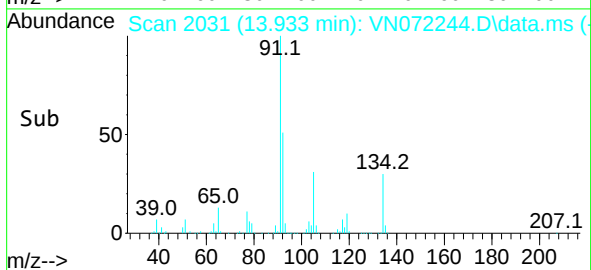
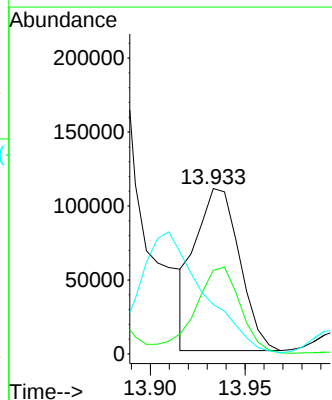
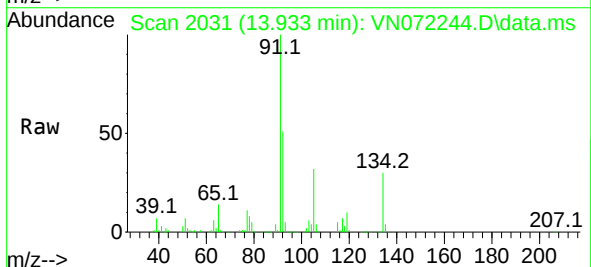
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

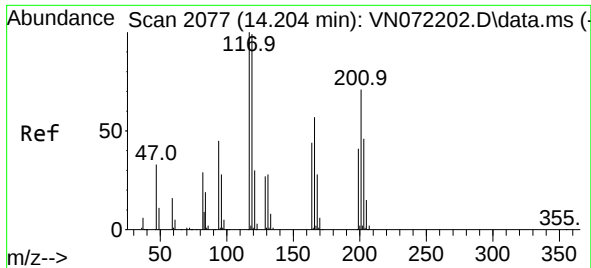
Tgt Ion:119 Resp: 23780
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.8
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 12.830 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 91 Resp: 177357
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 0.0 13.6 40.8#

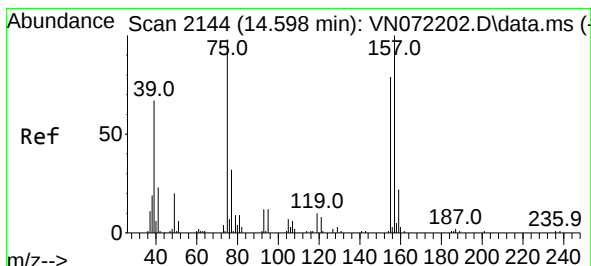
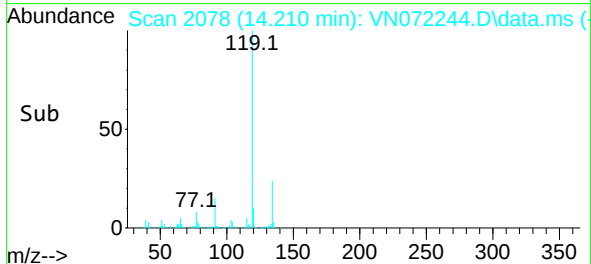
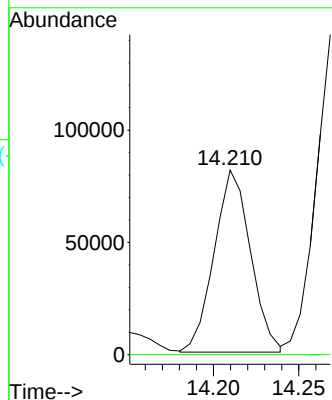
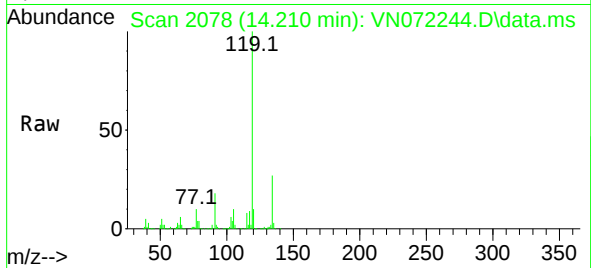




#90
Hexachloroethane
Concen: 30.744 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

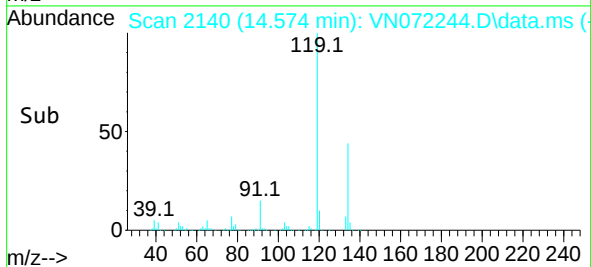
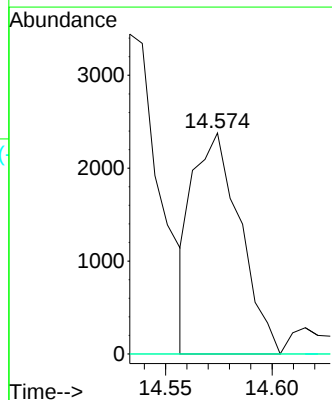
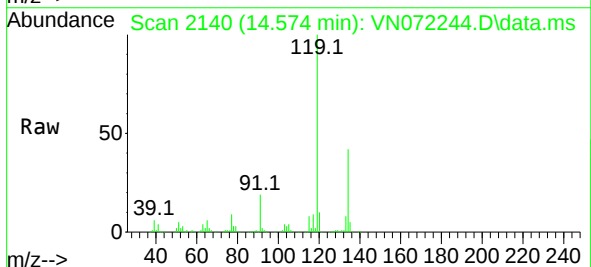
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

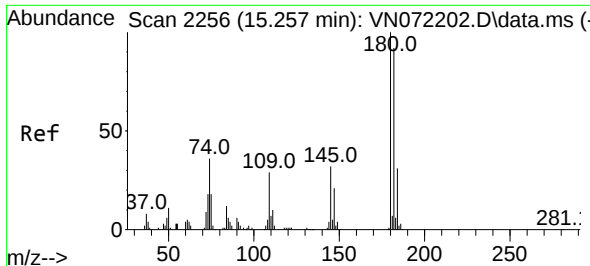
Tgt Ion:117 Resp: 120448
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.189 ug/l
RT: 14.574 min Scan# 2140
Delta R.T. -0.024 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion: 75 Resp: 3676
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#

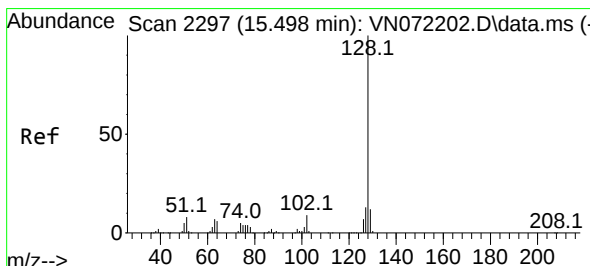
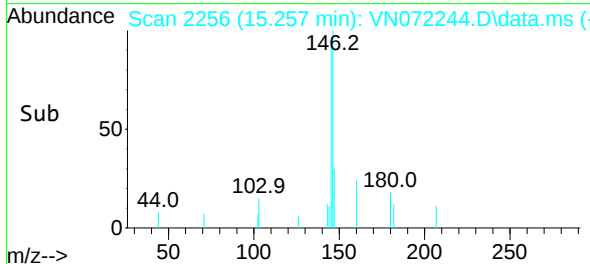
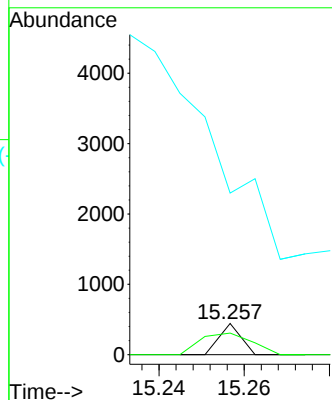
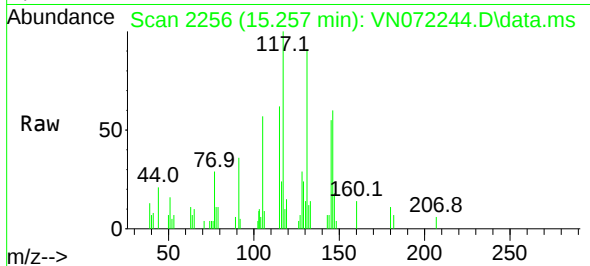




#93
1,2,4-Trichlorobenzene
Concen: 2.455 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

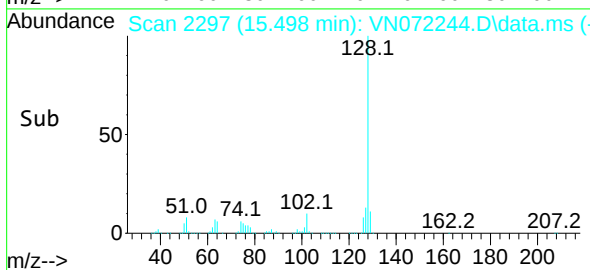
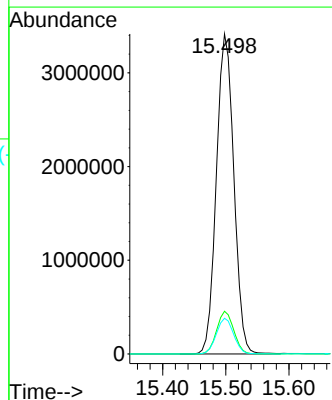
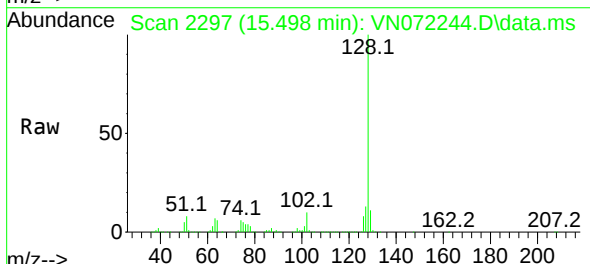
Instrument :
MSVOA_N
ClientSampleId :
MW-8I

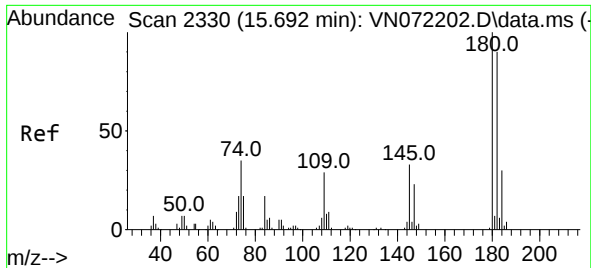
Tgt Ion:180 Resp: 156
Ion Ratio Lower Upper
180 100
182 166.0 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 424.900 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072244.D
Acq: 28 Apr 2022 17:47

Tgt Ion:128 Resp: 6553211
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 2.735 ug/l

RT: 15.698 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072244.D

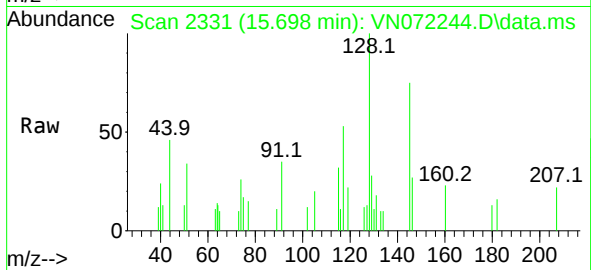
Acq: 28 Apr 2022 17:47

Instrument :

MSVOA_N

ClientSampleId :

MW-8I



Tgt Ion:180 Resp: 273

Ion Ratio Lower Upper

180 100

182 88.3 47.8 143.3

145 0.0 15.5 46.5#

