

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072255.D
 Acq On : 28 Apr 2022 22:13
 Operator : JC\MD
 Sample : N2617-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Quant Time: Apr 29 06:38:36 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	271683	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	498012	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	557473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	249275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	200664	48.110	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.220%		
35) Dibromofluoromethane	8.016	113	148949	46.728	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.460%		
50) Toluene-d8	10.439	98	656331	52.401	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.800%		
62) 4-Bromofluorobenzene	12.727	95	296656	71.357	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	142.720%#		
Target Compounds						
						Qvalue
3) Chloromethane	2.263	50	16732	4.155	ug/l	# 66
5) Bromomethane	2.869	94	178	Below Cal	#	2
6) Chloroethane	3.058	64	569	Below Cal	#	42
11) Tert butyl alcohol	5.357	59	2448	3.571	ug/l	# 72
13) Acrolein	3.999	56	91740	132.997	ug/l	# 1
14) Allyl chloride	4.951	41	97372	18.073	ug/l	# 63
15) Acrylonitrile	5.616	53	37212	17.991	ug/l	# 38
16) Acetone	4.257	43	95814	53.281	ug/l	# 53
17) Carbon Disulfide	4.540	76	394	0.427	ug/l	# 75
18) Methyl Acetate	4.934	43	47462	9.409	ug/l	# 48
20) Methylene Chloride	4.963	84	26940	7.816	ug/l	# 20
23) Vinyl Acetate	6.393	43	14154	1.519	ug/l	# 68
25) 2-Butanone	7.334	43	22276	7.778	ug/l	# 75
26) 2,2-Dichloropropane	7.216	77	1451	0.299	ug/l	# 53
28) Bromochloromethane	7.845	49	7102	2.555	ug/l	# 8
29) Tetrahydrofuran	7.687	42	951	0.506	ug/l	# 29
30) Chloroform	7.845	83	20242	3.248	ug/l	# 61
31) Cyclohexane	8.092	56	452419	81.180	ug/l	# 89
36) 1,1-Dichloropropene	8.087	75	24021	5.177	ug/l	# 75
37) Ethyl Acetate	7.334	43	22276	3.615	ug/l	# 67
38) Carbon Tetrachloride	8.081	117	31338	6.306	ug/l	# 17
39) Methylcyclohexane	9.457	83	333149	64.200	ug/l	# 92
40) Benzene	8.457	78	240908	16.740	ug/l	# 100
41) Methacrylonitrile	7.675	41	12094	3.880	ug/l	# 34
43) Isopropyl Acetate	8.551	43	82611	9.203	ug/l	# 53
47) Bromodichloromethane	9.739	83	11377	2.226	ug/l	# 26
48) Methyl methacrylate	9.592	41	15482	3.804	ug/l	# 10
51) 4-Methyl-2-Pentanone	10.369	43	12272	2.111	ug/l	# 74
52) Toluene	10.504	92	1316078	152.970	ug/l	# 98
53) t-1,3-Dichloropropene	10.504	75	18889	3.676	ug/l	# 1
55) 1,1,2-Trichloroethane	10.875	97	46175	12.800	ug/l	# 22
56) Ethyl methacrylate	10.781	69	5525	3.198	ug/l	# 19
58) 2-Chloroethyl Vinyl ether	9.963	63	12306	24.460	ug/l	# 44
59) 2-Hexanone	11.081	43	2981	0.728	ug/l	# 97
65) Chlorobenzene	11.916	112	5587	0.496	ug/l	# 57
67) Ethyl Benzene	11.833	91	19417211	988.480	ug/l	# 90

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

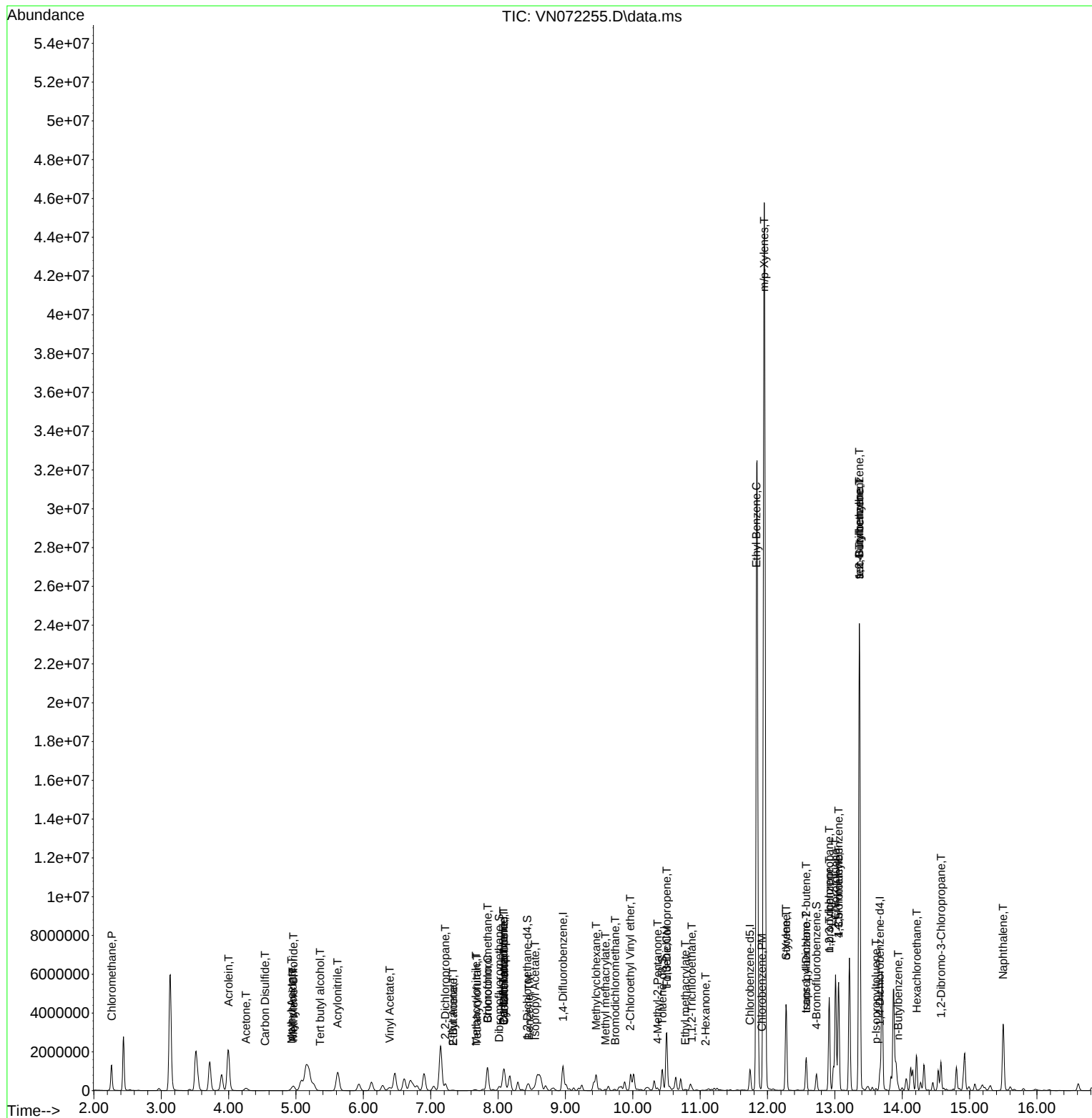
68) m/p-Xylenes	11.951	106	14587285	1999.785	ug/l #	1
69) o-Xylene	12.275	106	1156114	163.488	ug/l	88
70) Styrene	12.275	104	58234	5.228	ug/l #	1
73) Isopropylbenzene	12.575	105	1102402	50.073	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.839	83	962	Below Cal	#	75
76) 1,2,3-Trichloropropane	12.916	75	25446	1.099	ug/l #	1
78) n-propylbenzene	12.916	91	3711199	153.014	ug/l	96
79) 2-Chlorotoluene	13.010	91	562547	35.312	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	3093941	168.744	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.575	75	15385	7.136	ug/l #	75
82) 4-Chlorotoluene	13.057	91	353539	23.840	ug/l #	40
83) tert-Butylbenzene	13.363	119	1582684	98.314	ug/l #	47
84) 1,2,4-Trimethylbenzene	13.363	105	13406764	755.736	ug/l	95
85) sec-Butylbenzene	13.363	105	13406764	638.784	ug/l #	56
86) p-Isopropyltoluene	13.610	119	47581	2.908	ug/l #	77
89) n-Butylbenzene	13.939	91	130350	10.400	ug/l #	75
90) Hexachloroethane	14.216	117	85784	24.151	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.574	75	7039	4.623	ug/l #	1
95) Naphthalene	15.498	128	3074235	221.932	ug/l	100

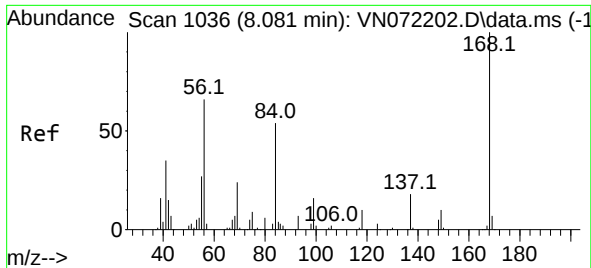
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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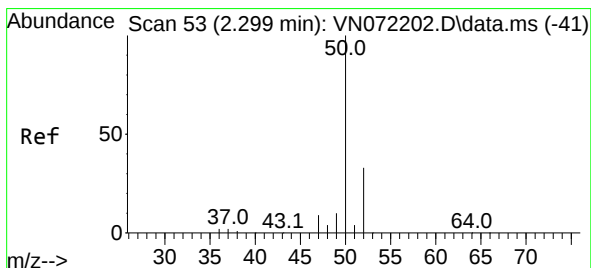
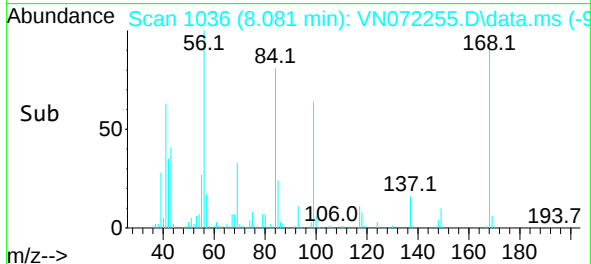
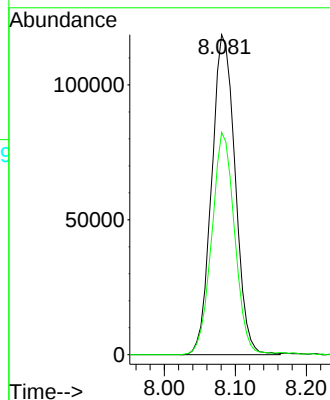
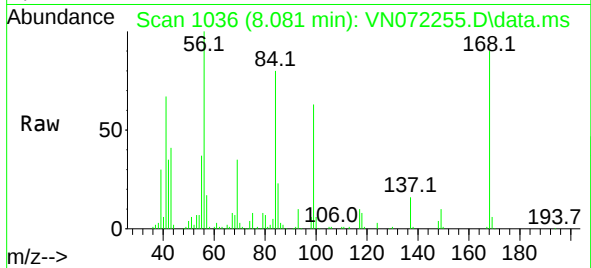




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1
Delta R.T. -0.000 min
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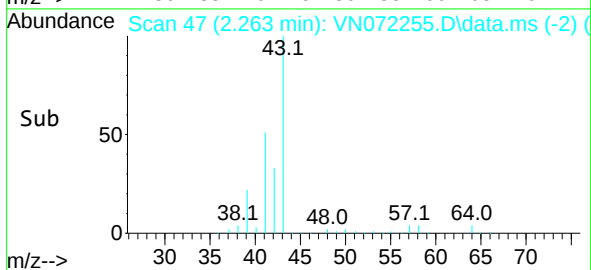
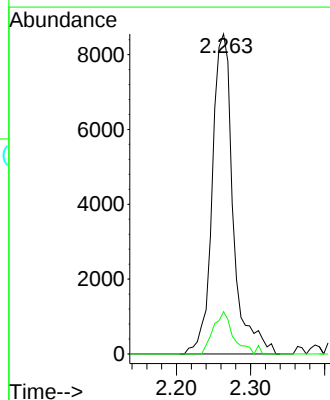
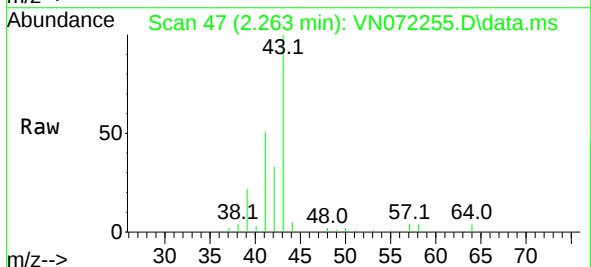
Instrument :
MSVOA_N
ClientSampleId :
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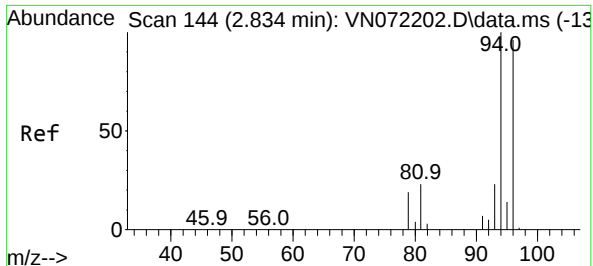
Tgt Ion:168 Resp: 271683
Ion Ratio Lower Upper
168 100
99 69.5 42.3 63.5#



#3
Chloromethane
Concen: 4.155 ug/l
RT: 2.263 min Scan# 47
Delta R.T. -0.036 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 50 Resp: 16732
Ion Ratio Lower Upper
50 100
52 13.2 25.7 38.5#

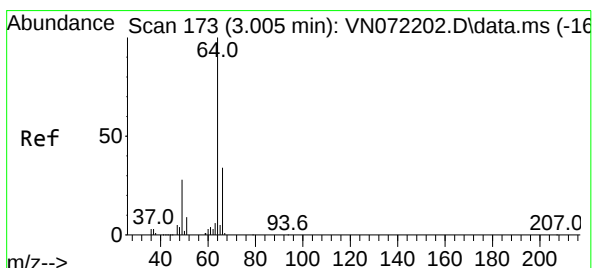
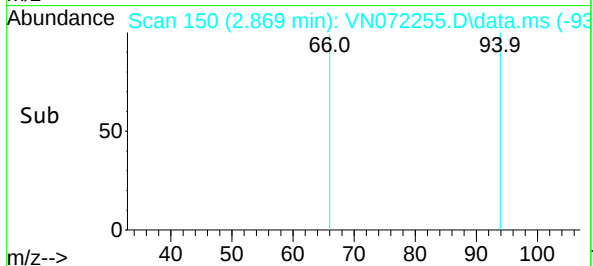
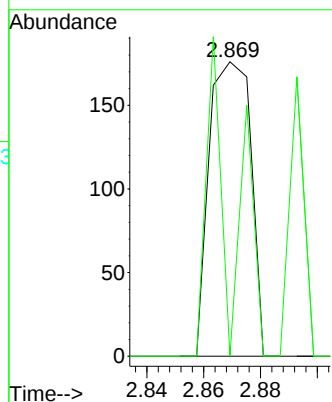
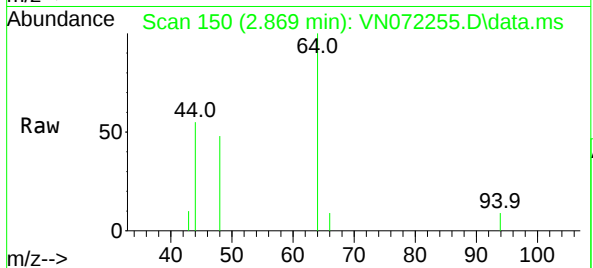




#5
Bromomethane
Concen: Below Cal
RT: 2.869 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

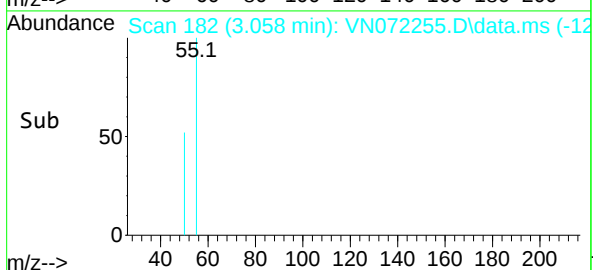
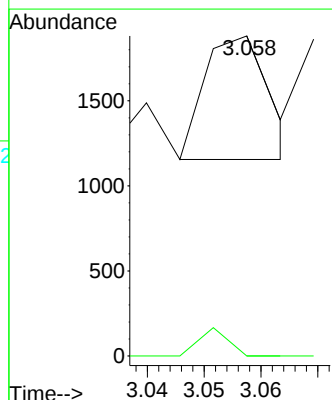
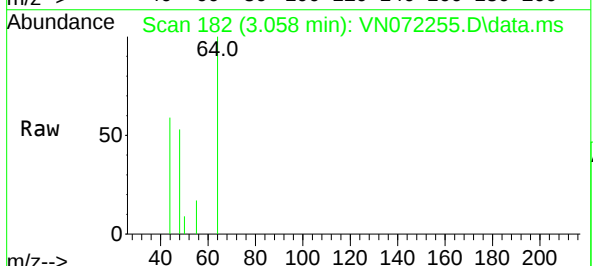
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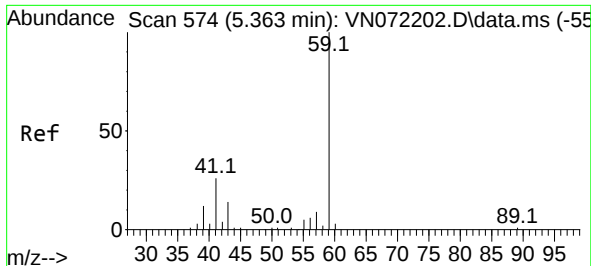
Tgt Ion: 94 Resp: 178
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: Below Cal
RT: 3.058 min Scan# 182
Delta R.T. 0.053 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 64 Resp: 569
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

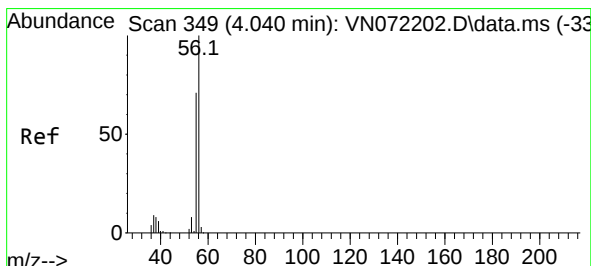
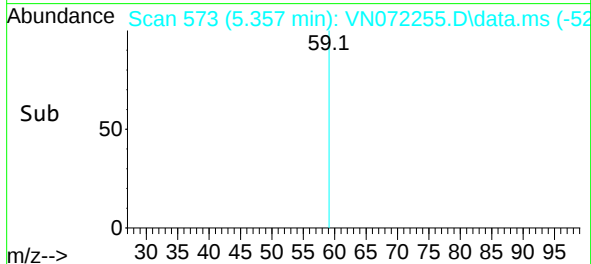
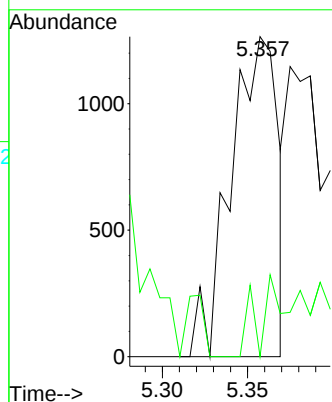
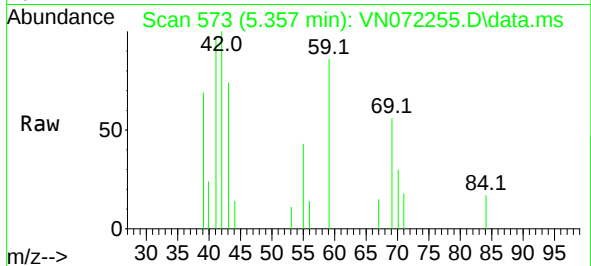




#11
Tert butyl alcohol
Concen: 3.571 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

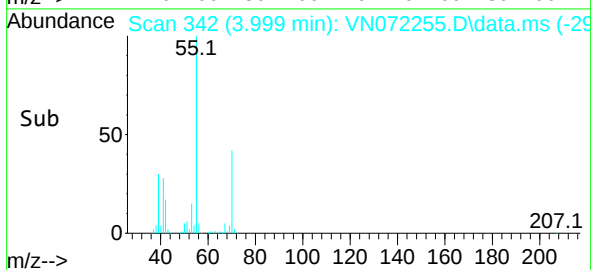
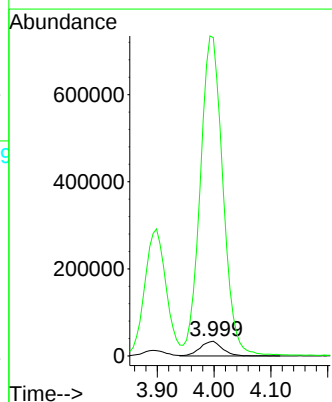
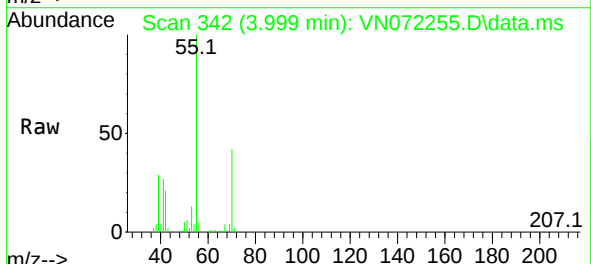
Instrument :
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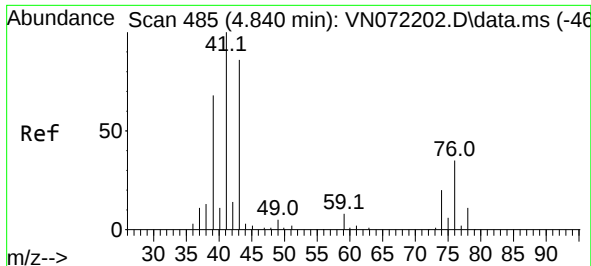
Tgt Ion: 59 Resp: 2448
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 132.997 ug/l
RT: 3.999 min Scan# 342
Delta R.T. -0.041 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 56 Resp: 91740
Ion Ratio Lower Upper
56 100
55 2201.4 54.8 82.2#





#14

Allyl chloride

Concen: 18.073 ug/l

RT: 4.951 min Scan# 504

Delta R.T. 0.111 min

Lab File: VN072255.D

Acq: 28 Apr 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

MW-24

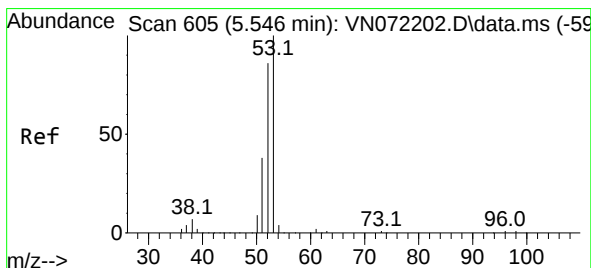
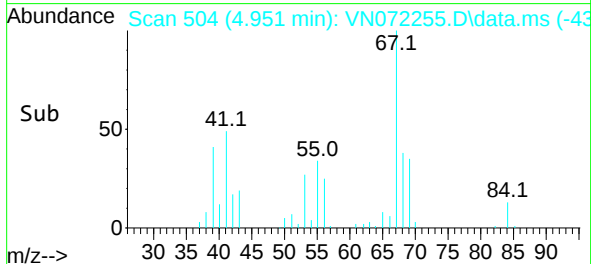
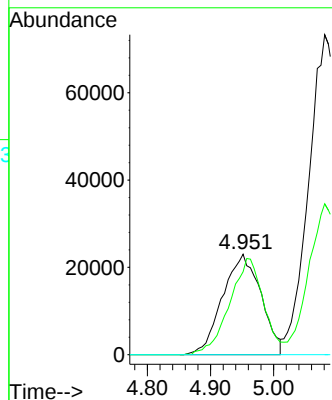
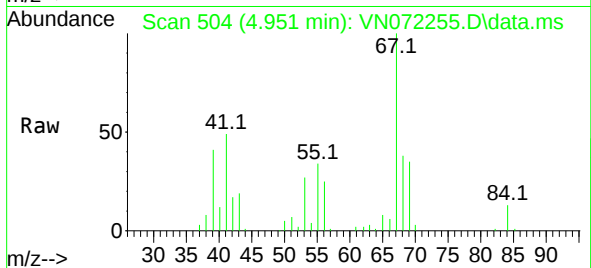
Tgt Ion: 41 Resp: 97372

Ion Ratio Lower Upper

41 100

39 85.0 53.2 79.8#

76 0.0 29.9 44.9#



#15

Acrylonitrile

Concen: 17.991 ug/l

RT: 5.616 min Scan# 617

Delta R.T. 0.070 min

Lab File: VN072255.D

Acq: 28 Apr 2022 22:13

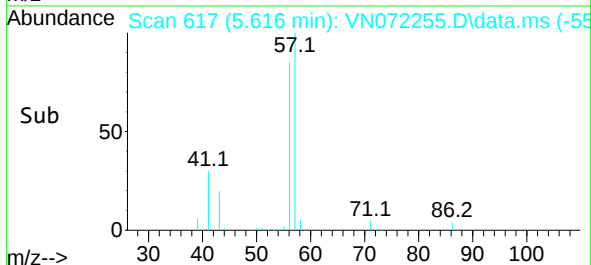
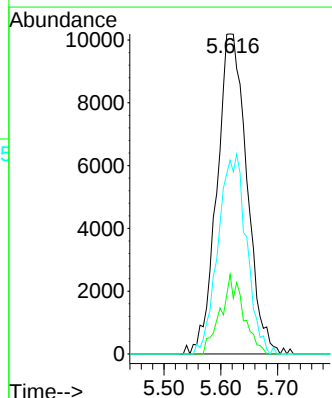
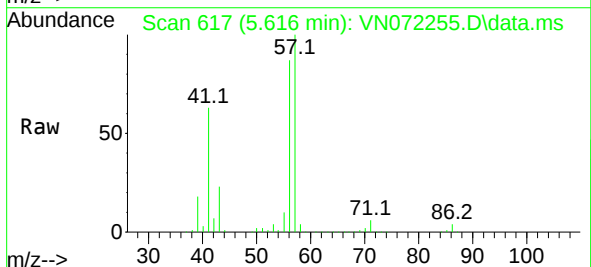
Tgt Ion: 53 Resp: 37212

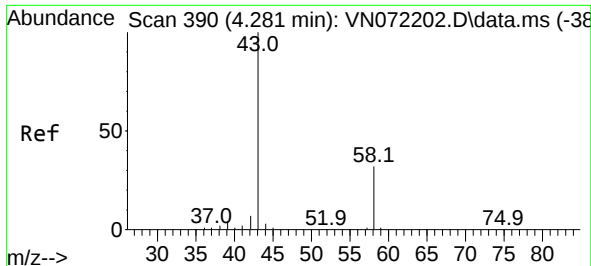
Ion Ratio Lower Upper

53 100

52 19.0 66.4 99.6#

51 59.0 28.5 42.7#

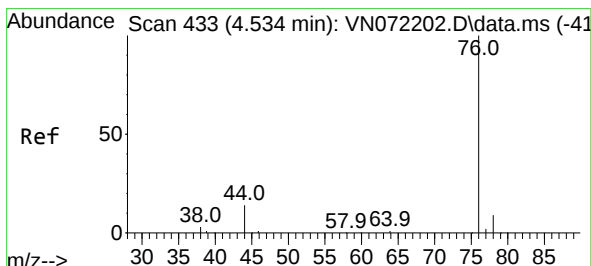
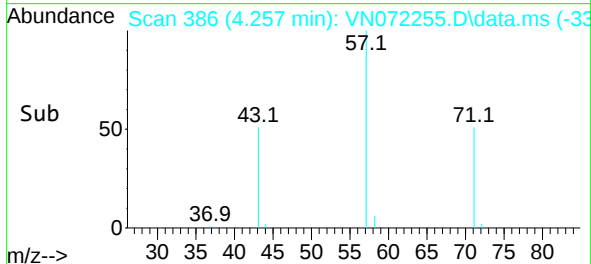
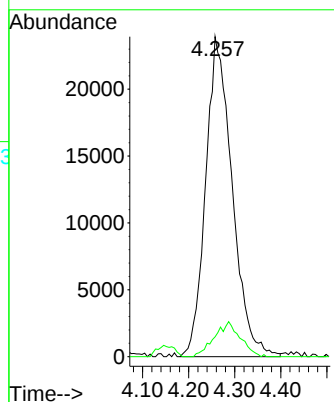
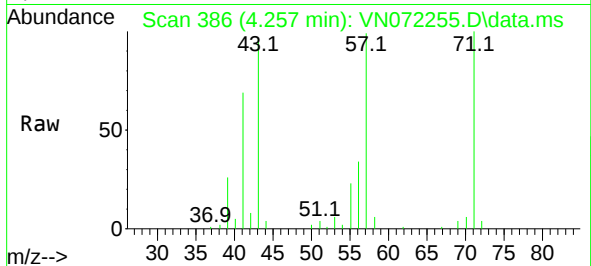




#16
Acetone
Concen: 53.281 ug/l
RT: 4.257 min Scan# 386
Delta R.T. -0.024 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

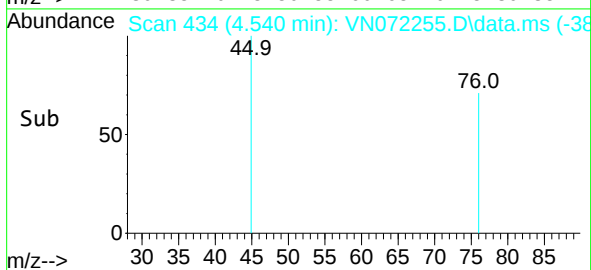
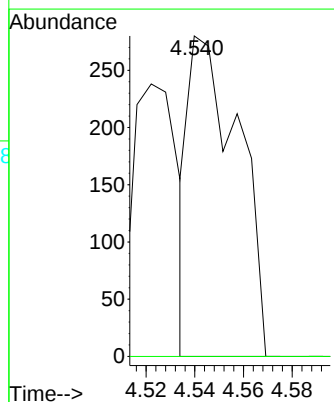
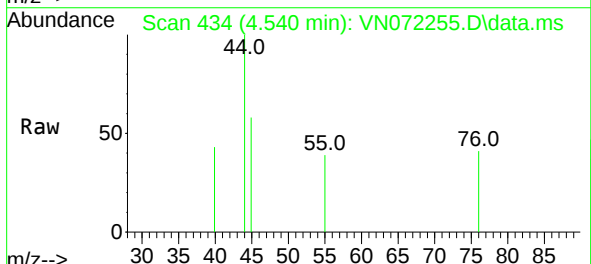
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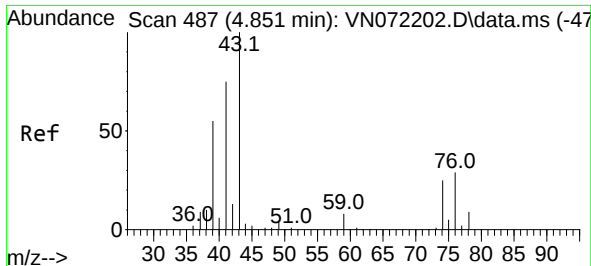
Tgt Ion: 43 Resp: 95814
Ion Ratio Lower Upper
43 100
58 6.2 26.0 39.0#



#17
Carbon Disulfide
Concen: 0.427 ug/l
RT: 4.540 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 76 Resp: 394
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

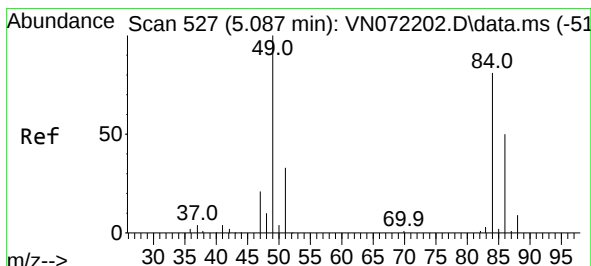
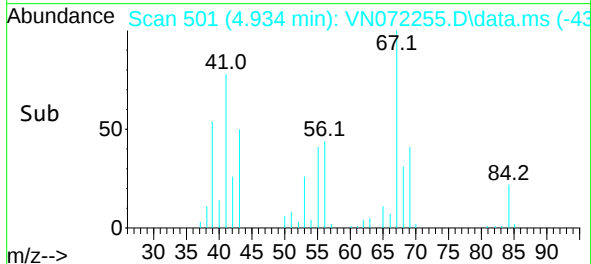
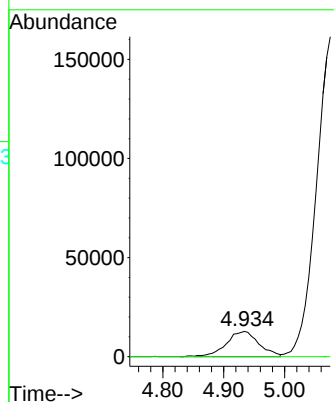
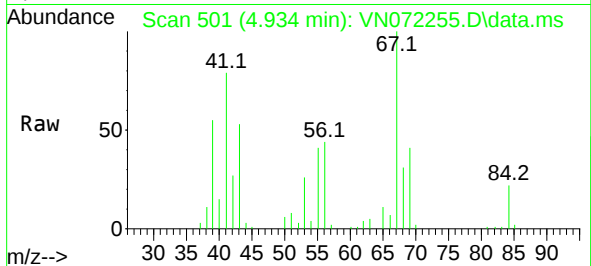




#18
Methyl Acetate
Concen: 9.409 ug/l
RT: 4.934 min Scan# 501
Delta R.T. 0.083 min
Lab File: VN072255.D
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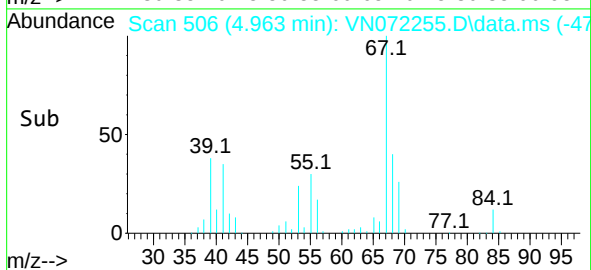
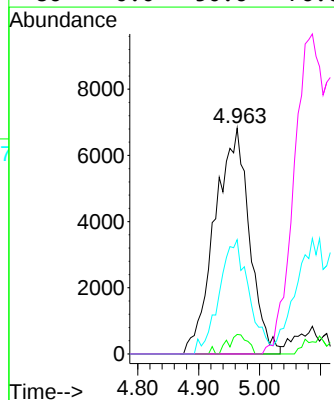
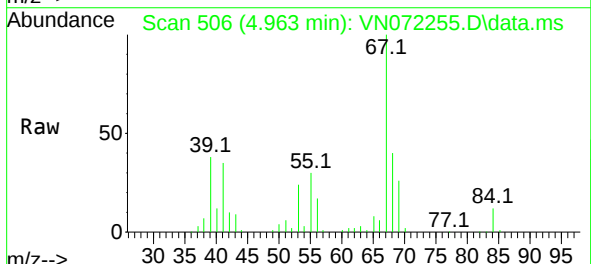
Instrument :
MSVOA_N
ClientSampleId :
MW-24

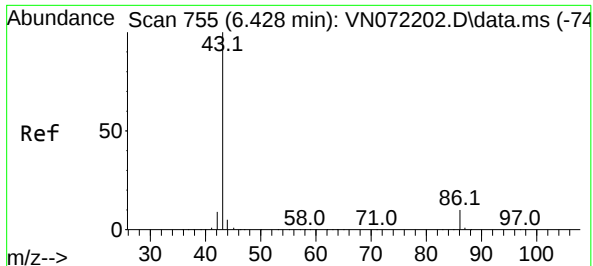
Tgt Ion: 43 Resp: 47462
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 7.816 ug/l
RT: 4.963 min Scan# 506
Delta R.T. -0.124 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 84 Resp: 26940
Ion Ratio Lower Upper
84 100
49 8.7 88.3 132.5#
51 50.6 28.2 42.2#
86 0.0 50.6 76.0#

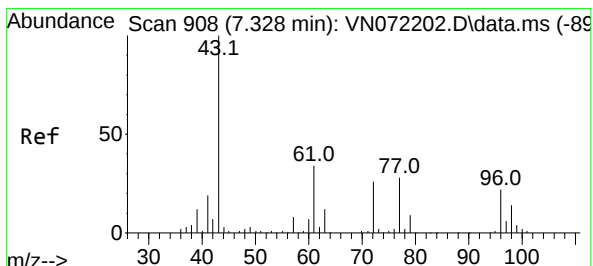
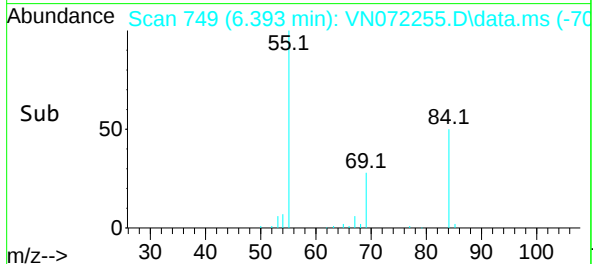
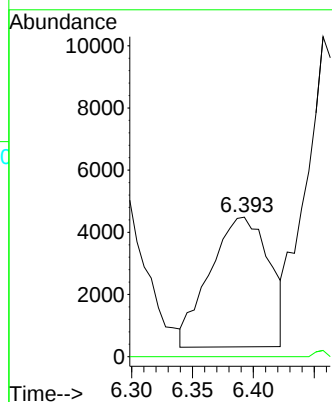
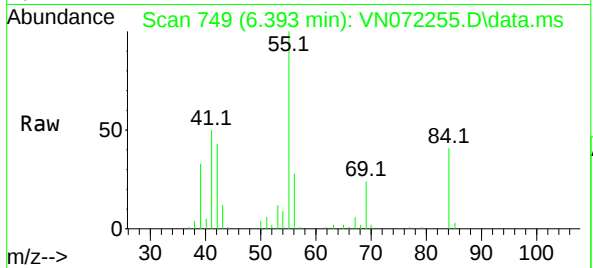




#23
 Vinyl Acetate
 Concen: 1.519 ug/l
 RT: 6.393 min Scan# 749
 Delta R.T. -0.035 min
 Lab File: VN072255.D
 Acq: 28 Apr 2022 22:13

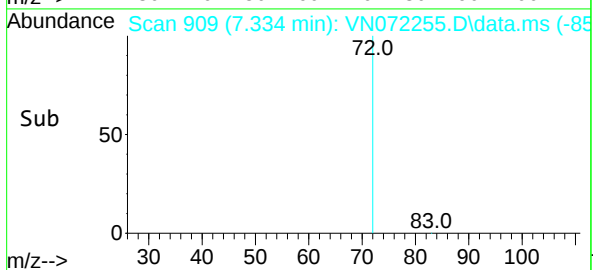
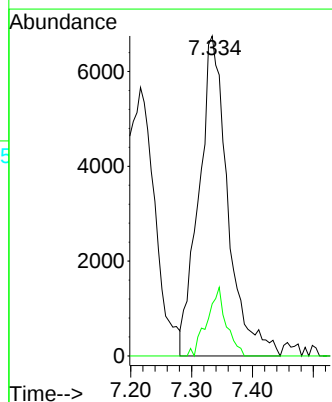
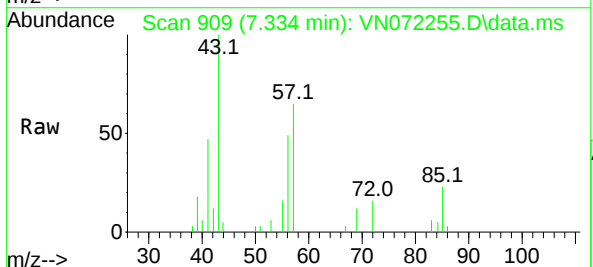
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

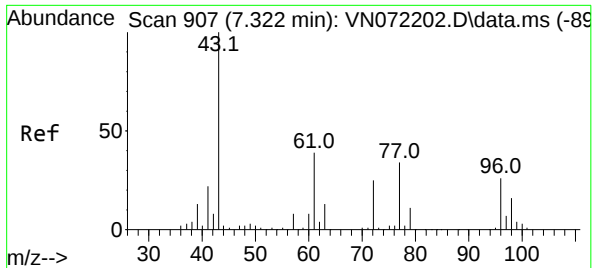
Tgt Ion: 43 Resp: 14154
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 7.778 ug/l
 RT: 7.334 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: VN072255.D
 Acq: 28 Apr 2022 22:13

Tgt Ion: 43 Resp: 22276
 Ion Ratio Lower Upper
 43 100
 72 16.3 23.7 35.5#

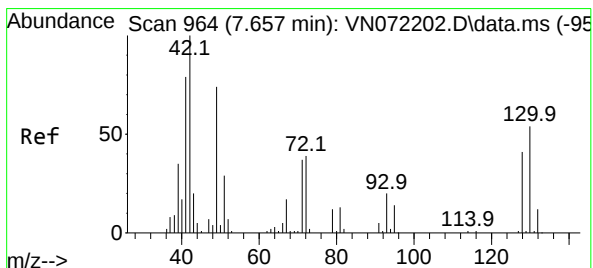
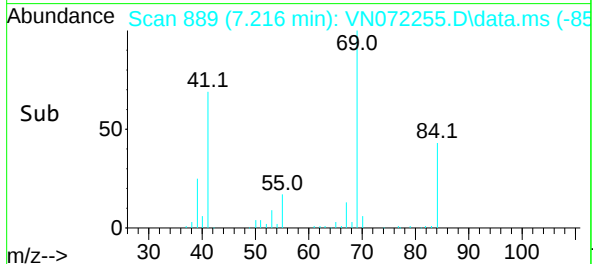
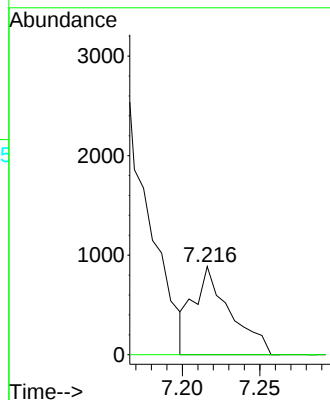
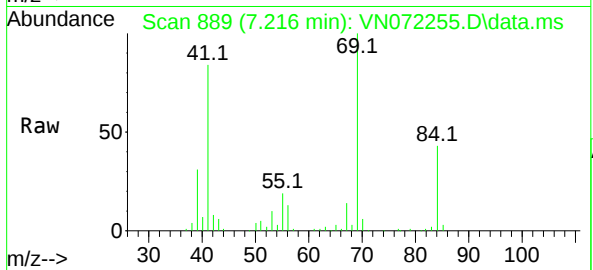




#26
2,2-Dichloropropane
Concen: 0.299 ug/l
RT: 7.216 min Scan# 89
Delta R.T. -0.106 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

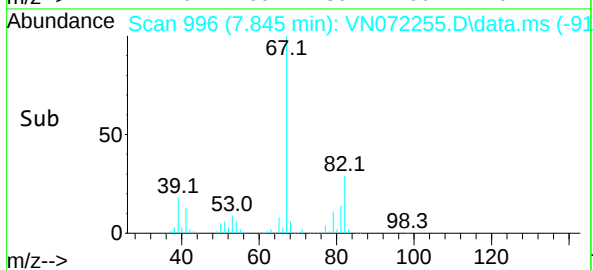
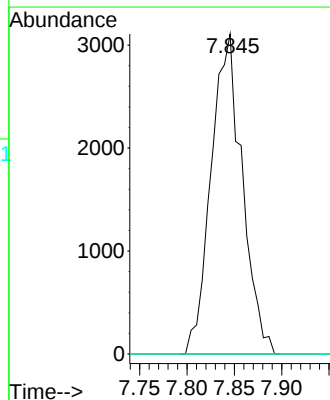
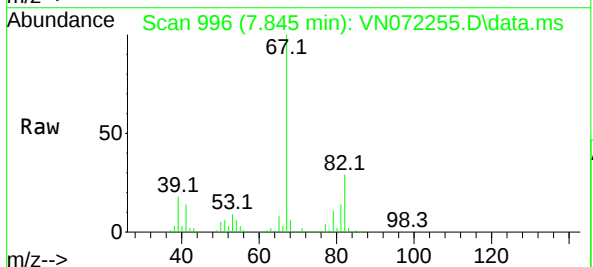
Instrument :
MSVOA_N
ClientSampleId :
MW-24

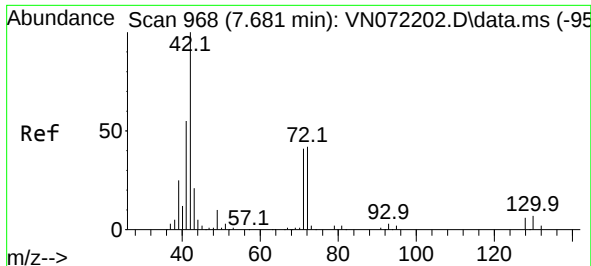
Tgt Ion: 77 Resp: 1451
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#28
Bromochloromethane
Concen: 2.555 ug/l
RT: 7.845 min Scan# 996
Delta R.T. 0.188 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 49 Resp: 7102
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#





#29

Tetrahydrofuran

Concen: 0.506 ug/l

RT: 7.687 min Scan# 9

Delta R.T. 0.006 min

Lab File: VN072255.D

Acq: 28 Apr 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

MW-24

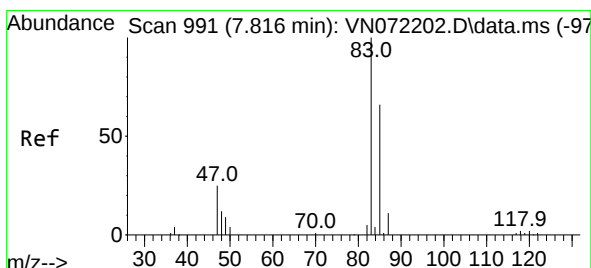
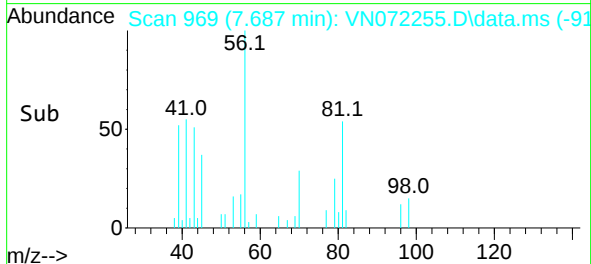
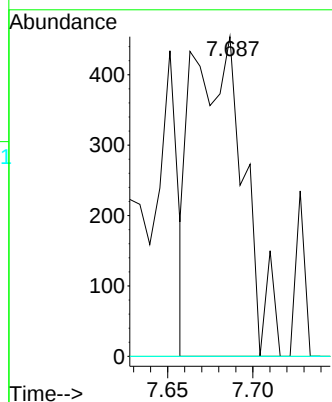
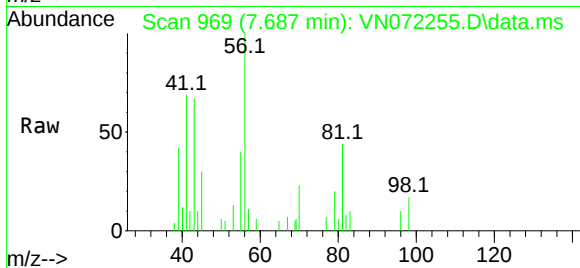
Tgt Ion: 42 Resp: 951

Ion Ratio Lower Upper

42 100

72 0.0 39.7 59.5#

71 0.0 36.6 55.0#



#30

Chloroform

Concen: 3.248 ug/l

RT: 7.845 min Scan# 996

Delta R.T. 0.029 min

Lab File: VN072255.D

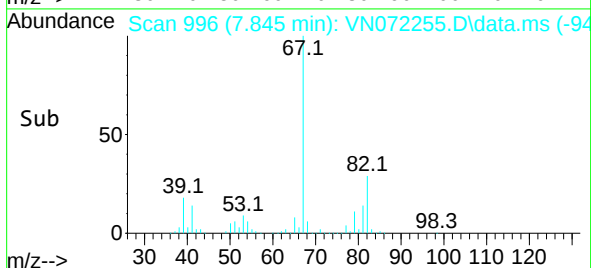
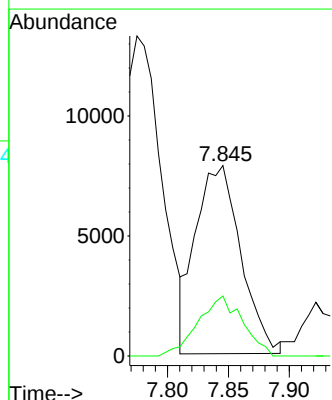
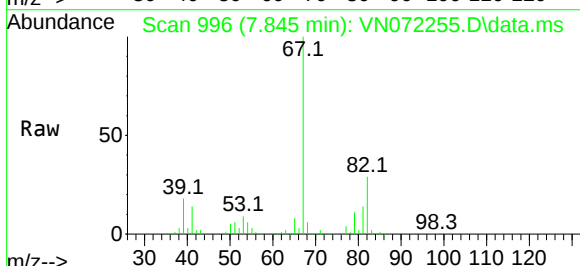
Acq: 28 Apr 2022 22:13

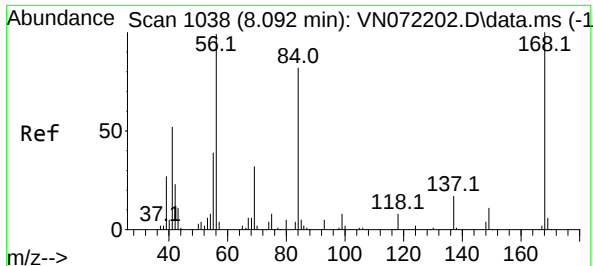
Tgt Ion: 83 Resp: 20242

Ion Ratio Lower Upper

83 100

85 34.0 51.8 77.8#

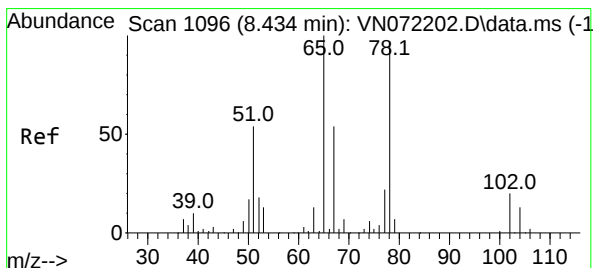
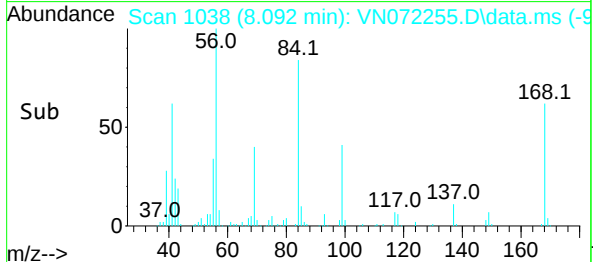
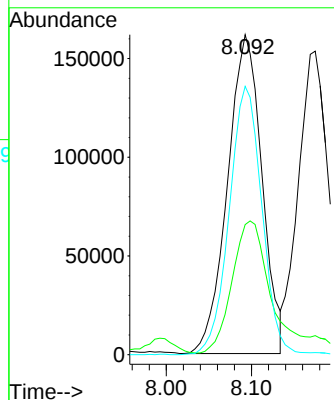
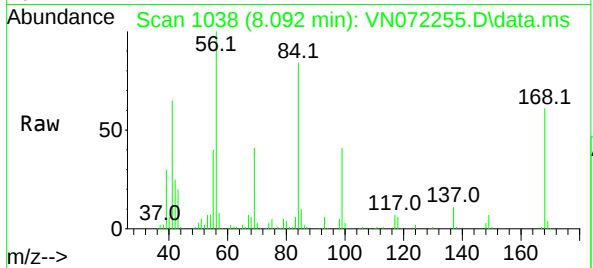




#31
Cyclohexane
Concen: 81.180 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

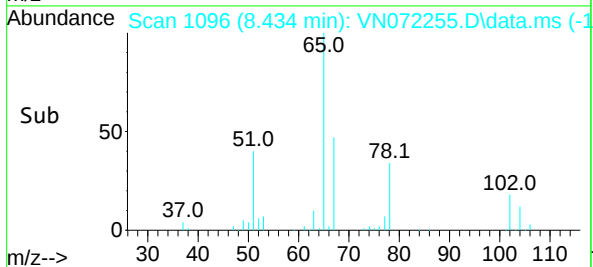
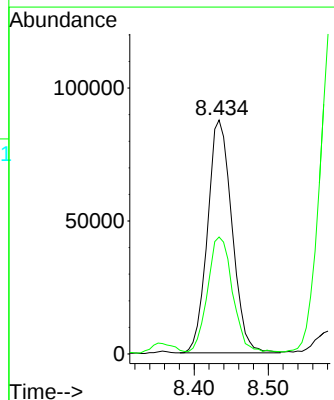
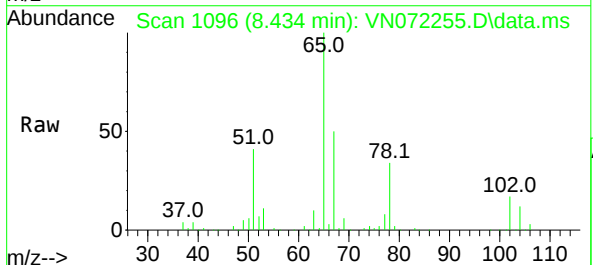
Instrument :
MSVOA_N
ClientSampleId :
MW-24

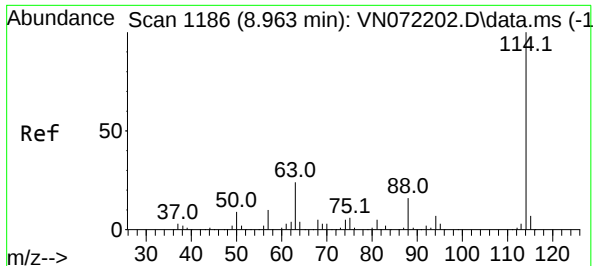
Tgt Ion: 56 Resp: 452419
Ion Ratio Lower Upper
56 100
69 38.8 27.8 41.8
84 84.2 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 48.110 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 65 Resp: 200664
Ion Ratio Lower Upper
65 100
67 50.6 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: VN072255.D

Acq: 28 Apr 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

MW-24

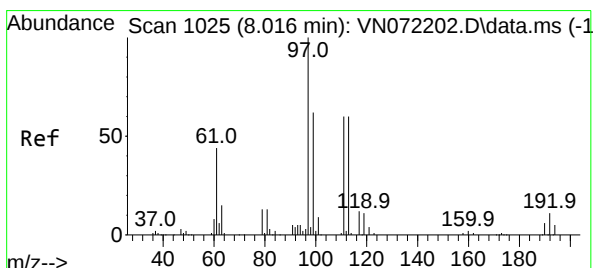
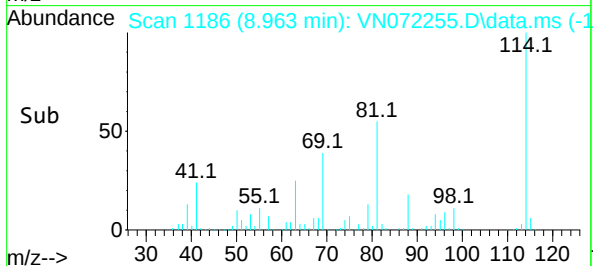
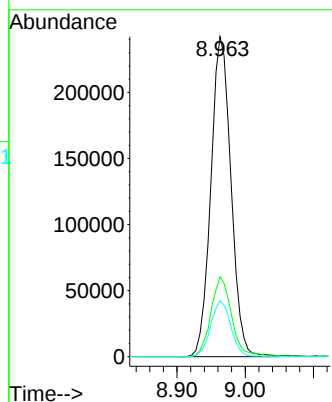
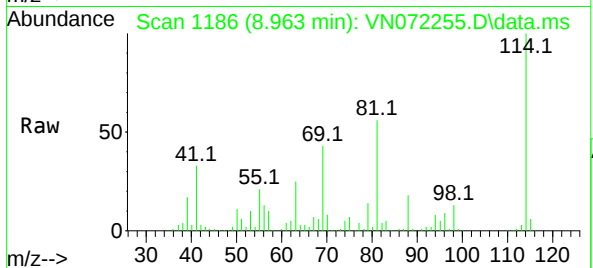
Tgt Ion:114 Resp: 498012

Ion Ratio Lower Upper

114 100

63 25.0 0.0 40.0

88 17.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.728 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN072255.D

Acq: 28 Apr 2022 22:13

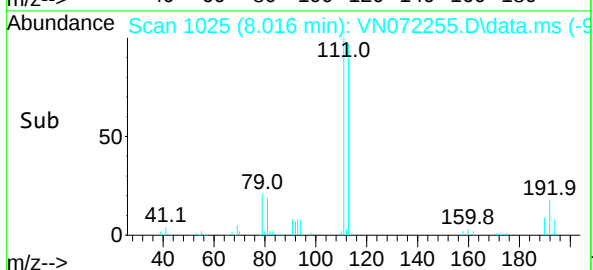
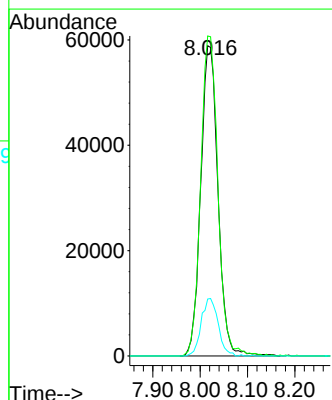
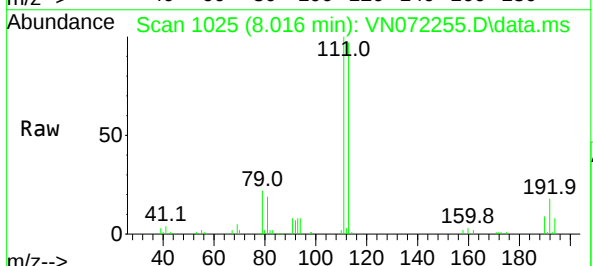
Tgt Ion:113 Resp: 148949

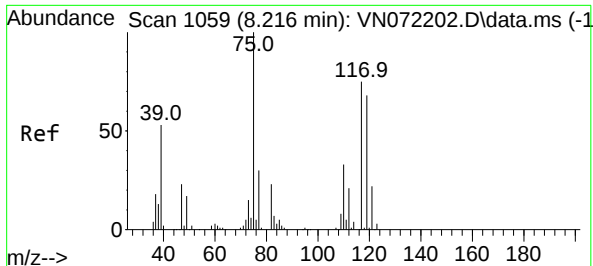
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.1 17.0 25.6

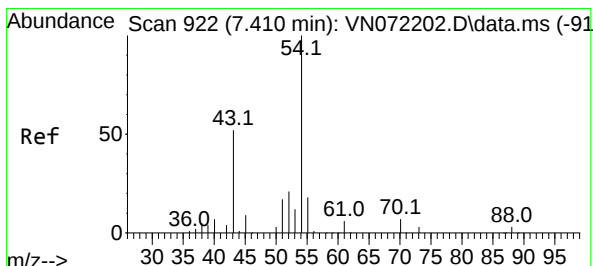
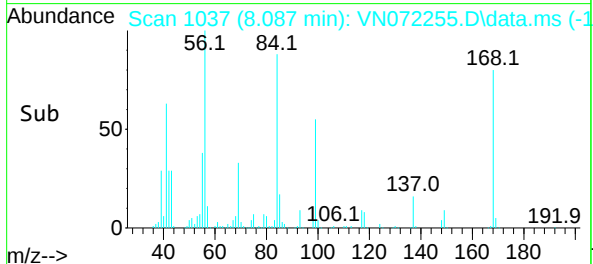
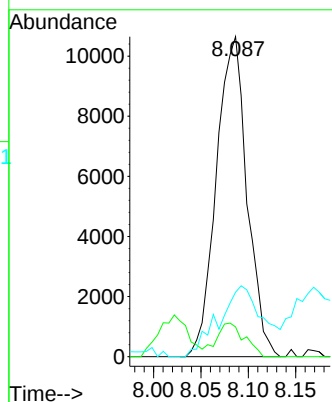
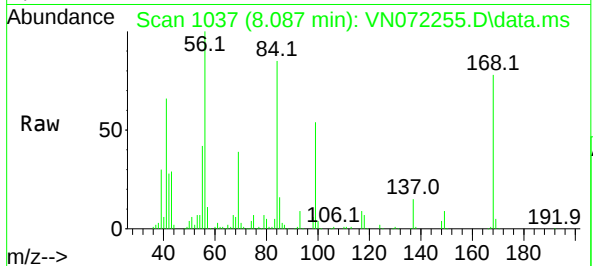




#36
 1,1-Dichloropropene
 Concen: 5.177 ug/l
 RT: 8.087 min Scan# 110
 Delta R.T. -0.129 min
 Lab File: VN072255.D
 Acq: 28 Apr 2022 22:13

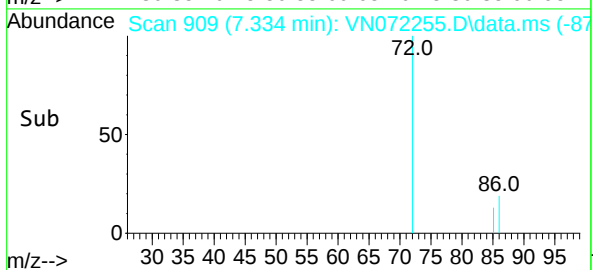
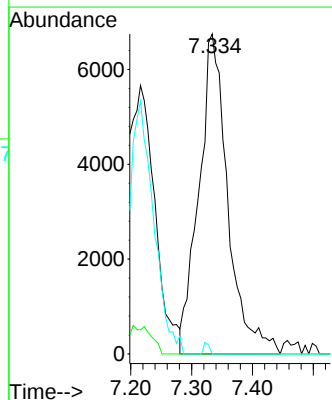
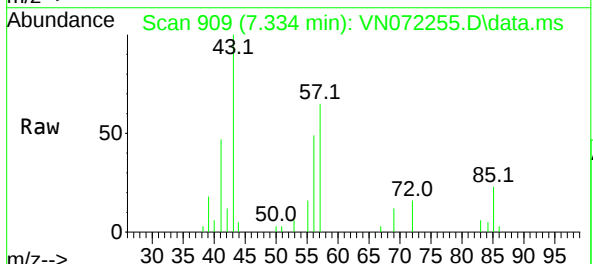
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

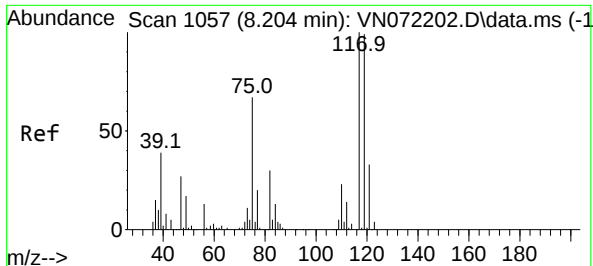
Tgt Ion: 75 Resp: 24021
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.3 54.8#
 77 32.0 25.1 37.7



#37
 Ethyl Acetate
 Concen: 3.615 ug/l
 RT: 7.334 min Scan# 909
 Delta R.T. -0.076 min
 Lab File: VN072255.D
 Acq: 28 Apr 2022 22:13

Tgt Ion: 43 Resp: 22276
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.8 17.6#
 70 0.0 9.3 13.9#

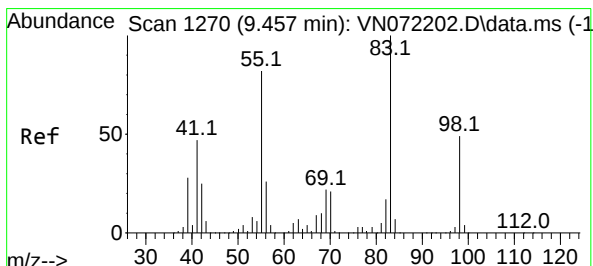
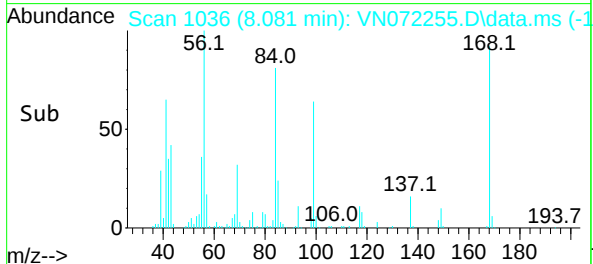
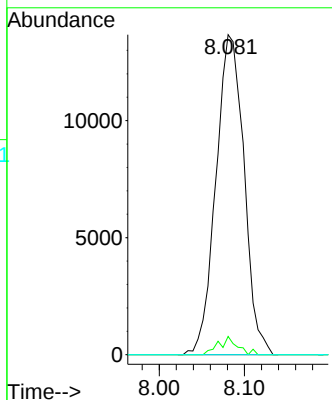
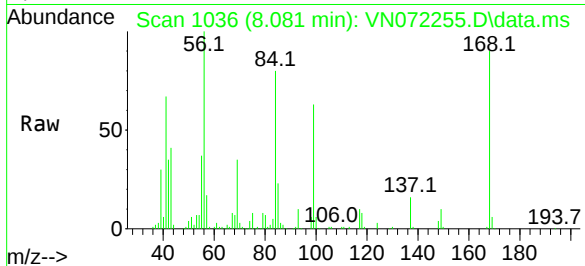




#38
Carbon Tetrachloride
Concen: 6.306 ug/l
RT: 8.081 min Scan# 1057
Delta R.T. -0.123 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

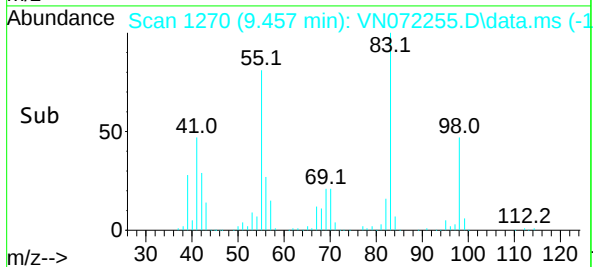
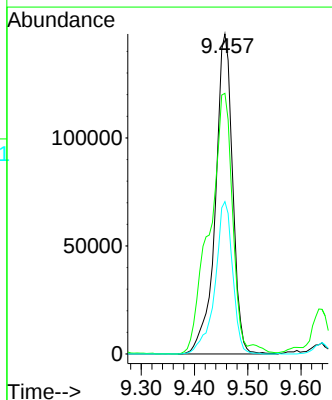
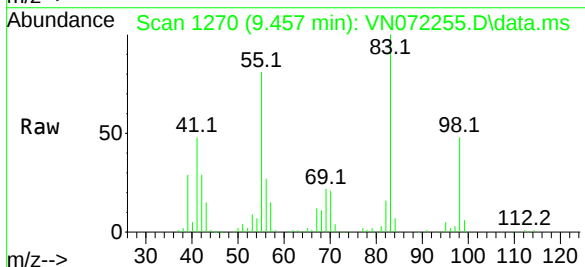
Instrument :
MSVOA_N
ClientSampleId :
MW-24

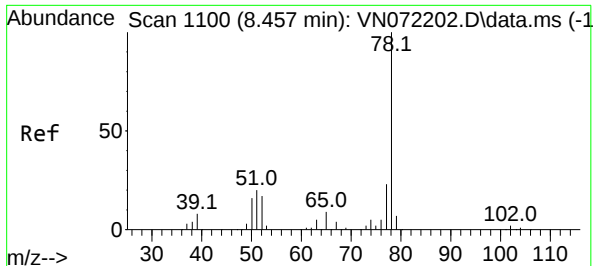
Tgt Ion:117 Resp: 31338
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 64.200 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 83 Resp: 333149
Ion Ratio Lower Upper
83 100
55 81.4 57.8 86.8
98 47.6 39.4 59.2

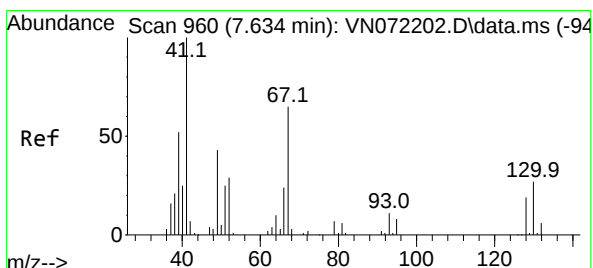
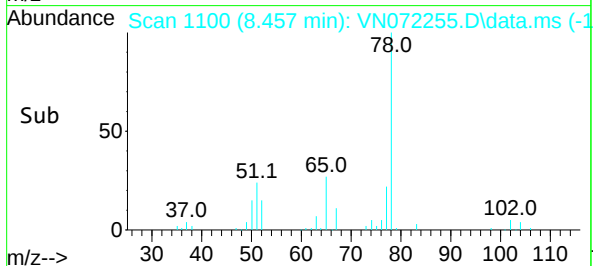
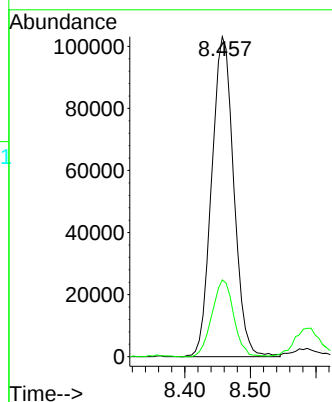
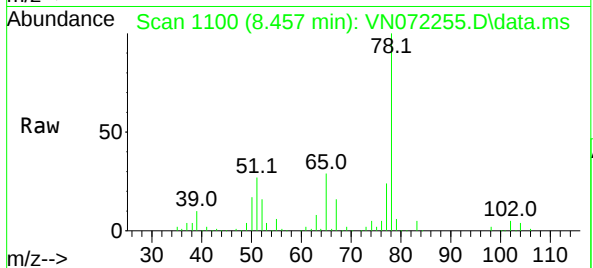




#40
Benzene
Concen: 16.740 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

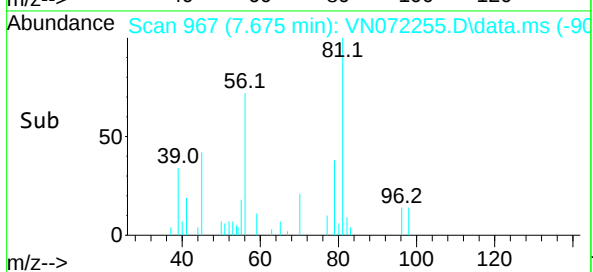
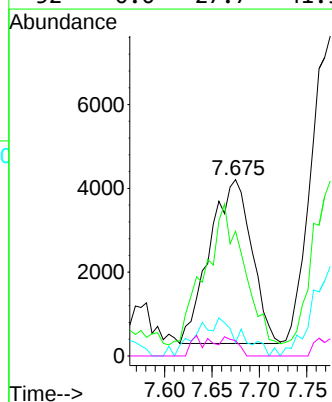
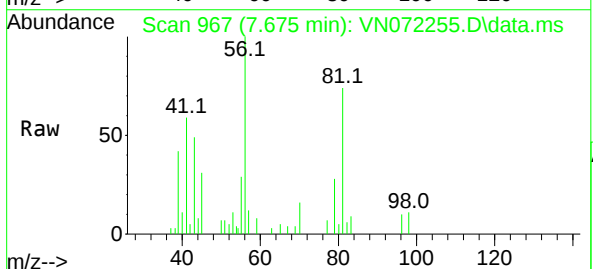
Instrument :
MSVOA_N
ClientSampleId :
MW-24

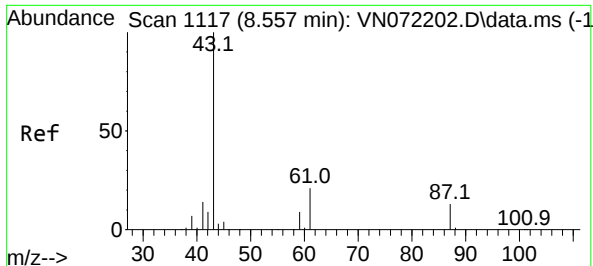
Tgt Ion: 78 Resp: 240908
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0



#41
Methacrylonitrile
Concen: 3.880 ug/l
RT: 7.675 min Scan# 967
Delta R.T. 0.041 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 41 Resp: 12094
Ion Ratio Lower Upper
41 100
39 79.4 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#

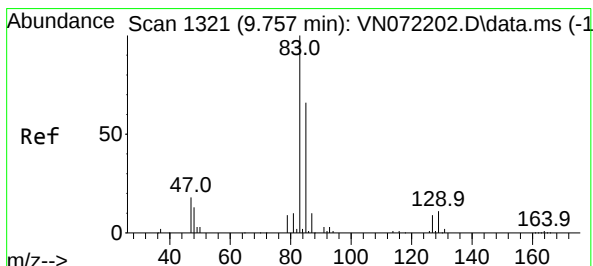
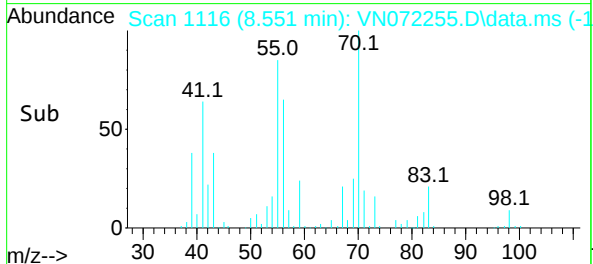
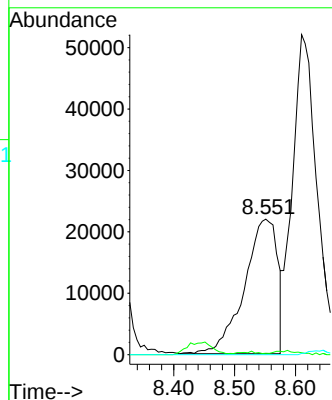
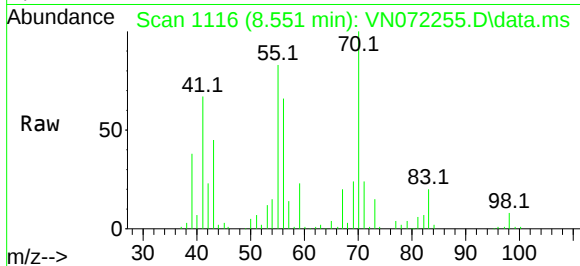




#43
Isopropyl Acetate
Concen: 9.203 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

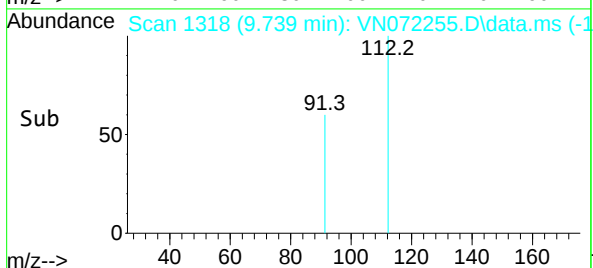
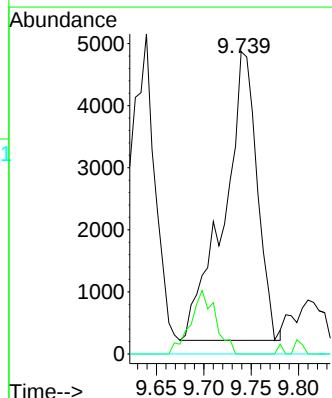
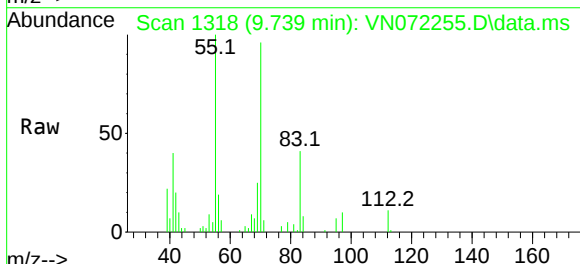
Instrument :
MSVOA_N
ClientSampleId :
MW-24

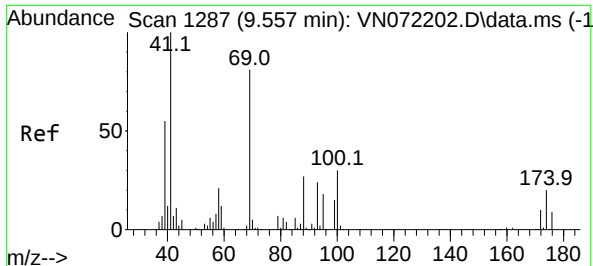
Tgt Ion: 43 Resp: 82611
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#47
Bromodichloromethane
Concen: 2.226 ug/l
RT: 9.739 min Scan# 1318
Delta R.T. -0.018 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 83 Resp: 11377
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 3.804 ug/l

RT: 9.592 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN072255.D

Acq: 28 Apr 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

MW-24

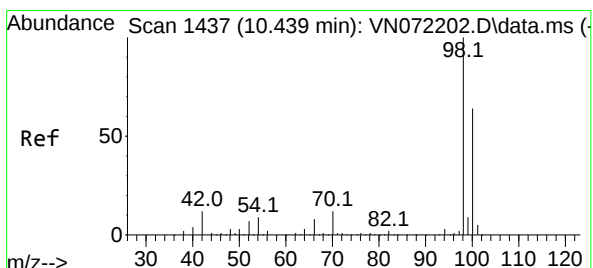
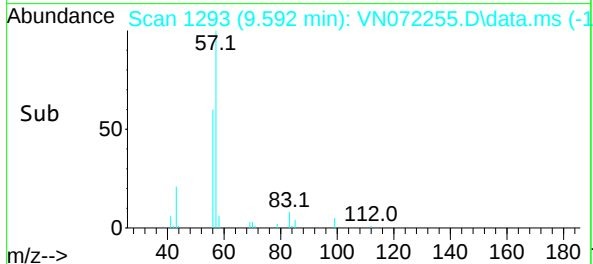
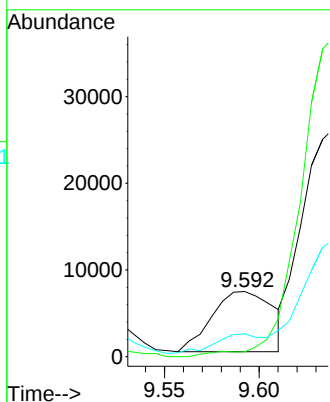
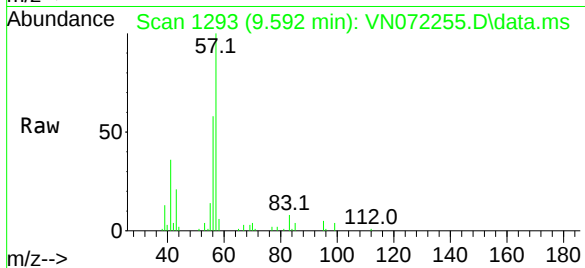
Tgt Ion: 41 Resp: 15482

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 0.0 45.6 68.4#



#50

Toluene-d8

Concen: 52.401 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072255.D

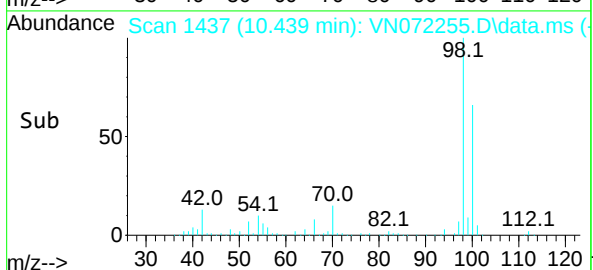
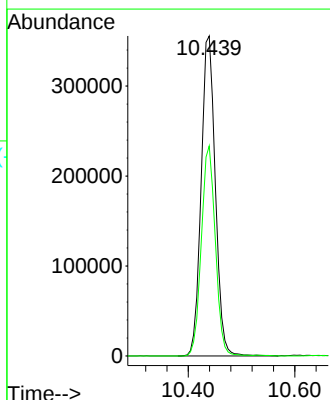
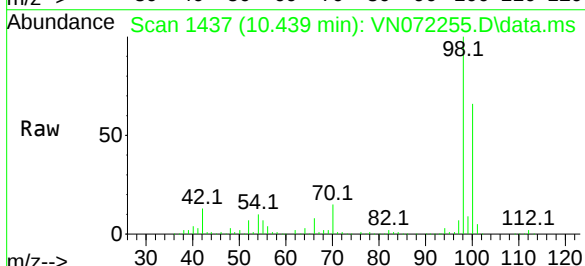
Acq: 28 Apr 2022 22:13

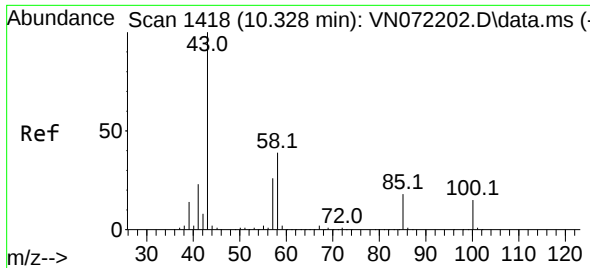
Tgt Ion: 98 Resp: 656331

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8

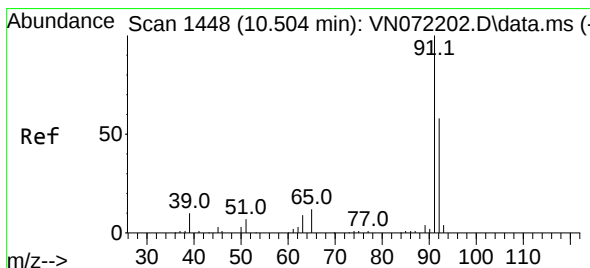
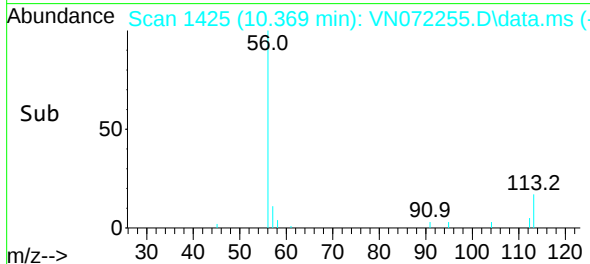
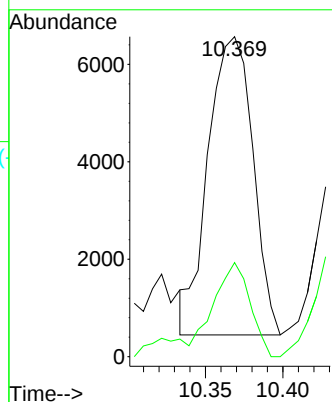
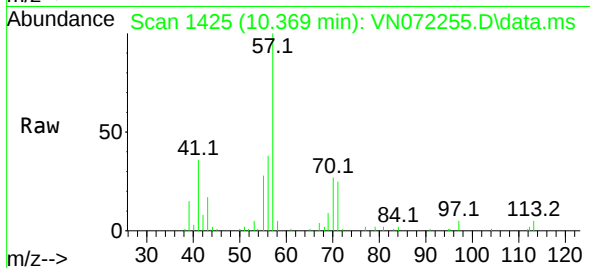




#51
4-Methyl-2-Pentanone
Concen: 2.111 ug/l
RT: 10.369 min Scan# 1418
Delta R.T. 0.041 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

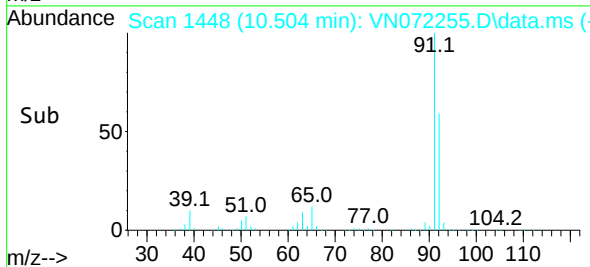
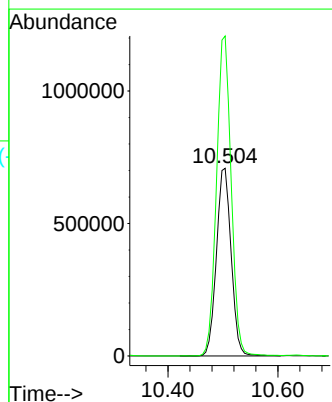
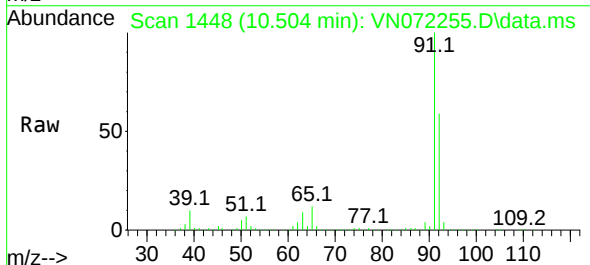
Instrument :
MSVOA_N
ClientSampleId :
MW-24

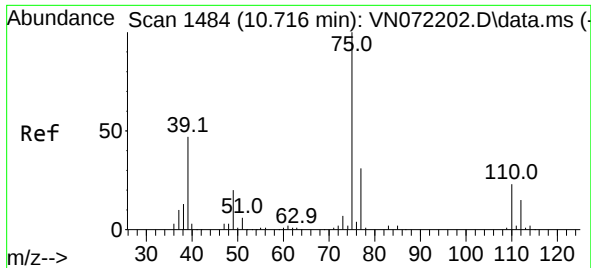
Tgt Ion: 43 Resp: 12272
Ion Ratio Lower Upper
43 100
58 25.9 34.1 51.1#



#52
Toluene
Concen: 152.970 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 92 Resp: 1316078
Ion Ratio Lower Upper
92 100
91 170.1 138.6 207.8

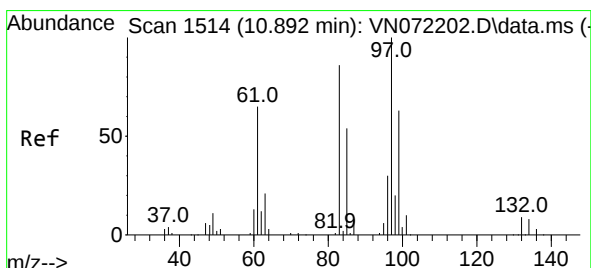
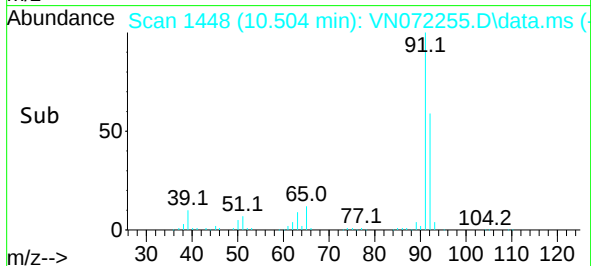
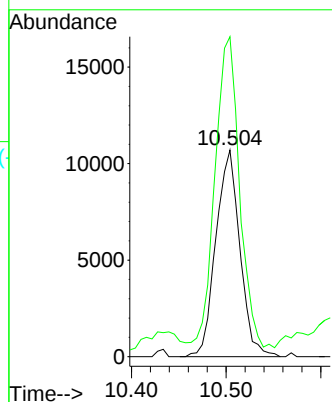
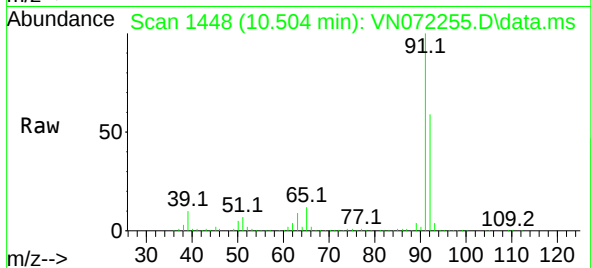




#53
t-1,3-Dichloropropene
Concen: 3.676 ug/l
RT: 10.504 min Scan# 1484
Delta R.T. -0.212 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

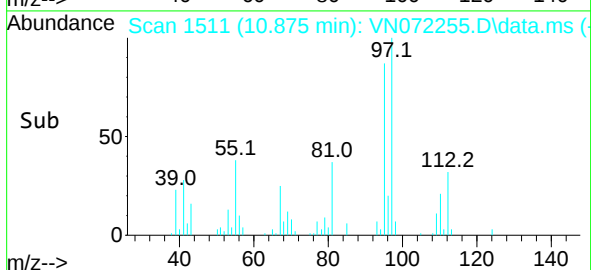
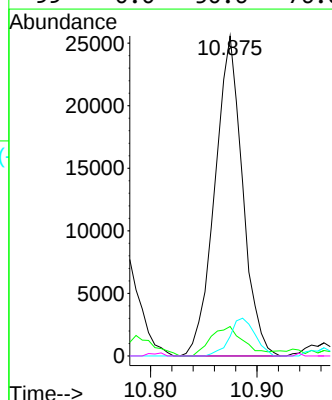
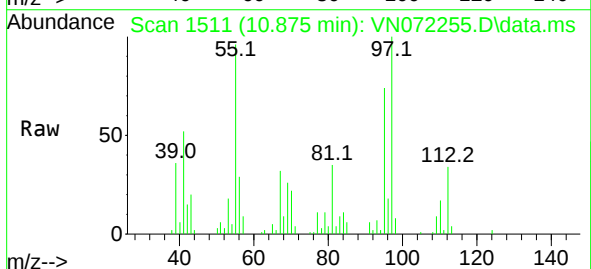
Instrument :
MSVOA_N
ClientSampleId :
MW-24

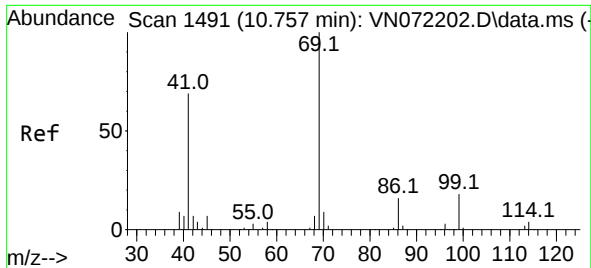
Tgt Ion: 75 Resp: 18889
Ion Ratio Lower Upper
75 100
77 147.4 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 12.800 ug/l
RT: 10.875 min Scan# 1511
Delta R.T. -0.017 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 97 Resp: 46175
Ion Ratio Lower Upper
97 100
83 9.2 66.2 99.4#
85 6.1 43.9 65.9#
99 0.0 50.6 76.0#

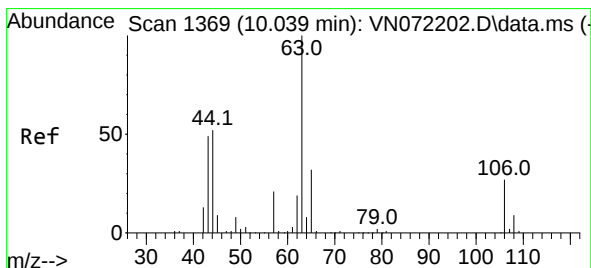
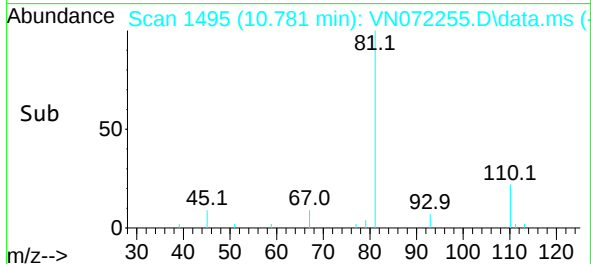
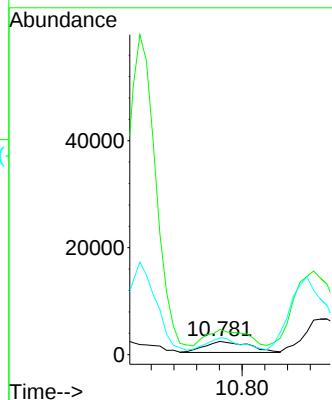
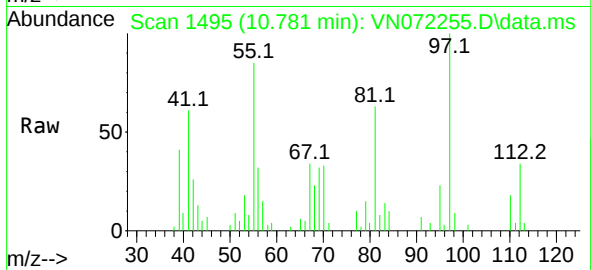




#56
Ethyl methacrylate
Concen: 3.198 ug/l
RT: 10.781 min Scan# 1495
Delta R.T. 0.024 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

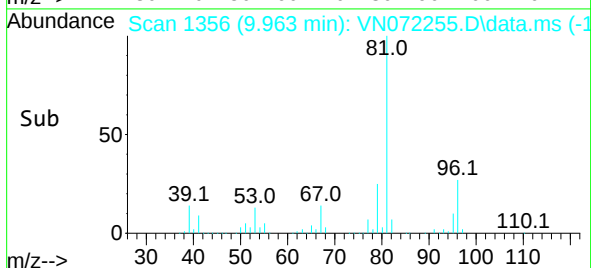
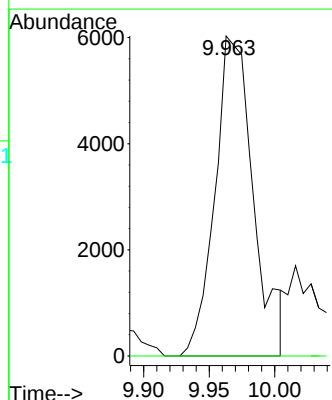
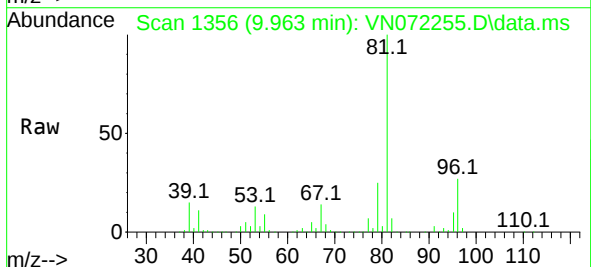
Instrument :
MSVOA_N
ClientSampleId :
MW-24

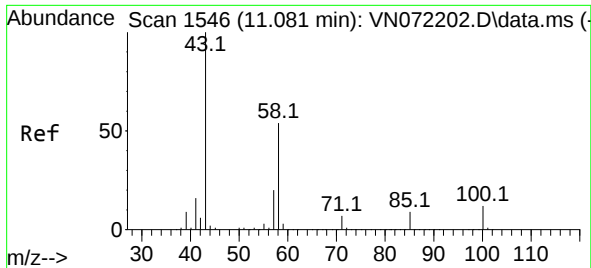
Tgt Ion: 69 Resp: 5525
Ion Ratio Lower Upper
69 100
41 129.8 47.8 71.6#
39 0.0 27.3 40.9#



#58
2-Chloroethyl Vinyl ether
Concen: 24.460 ug/l
RT: 9.963 min Scan# 1356
Delta R.T. -0.076 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 63 Resp: 12306
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

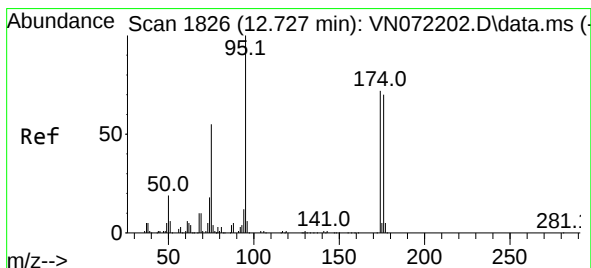
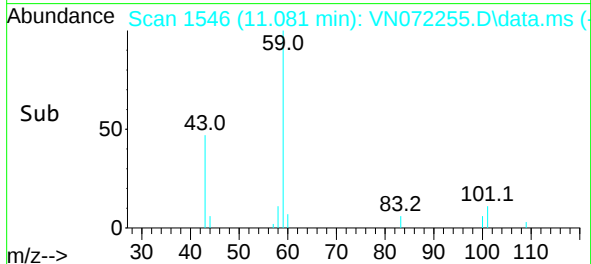
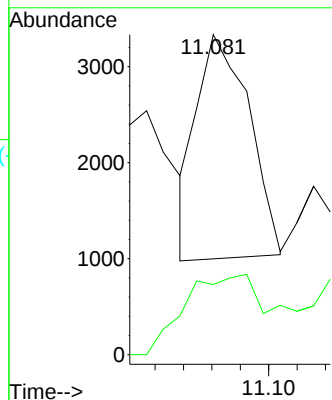
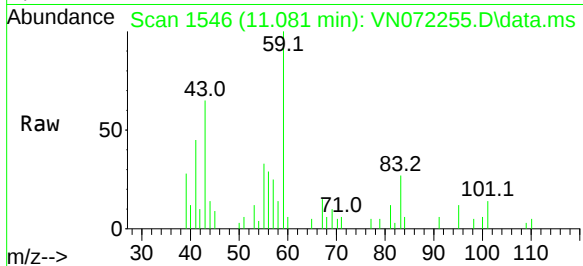




#59
2-Hexanone
Concen: 0.728 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

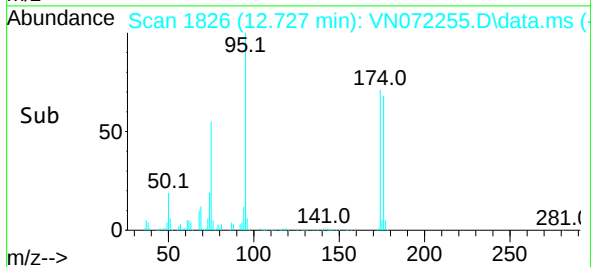
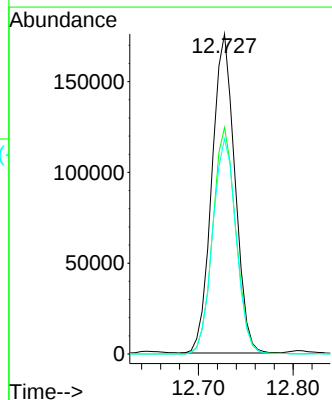
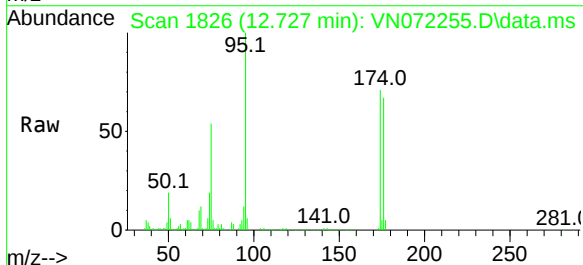
Instrument :
MSVOA_N
ClientSampleId :
MW-24

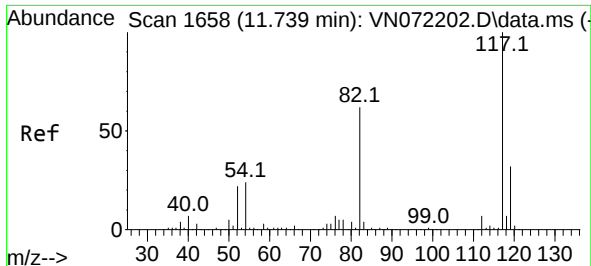
Tgt Ion: 43 Resp: 2981
Ion Ratio Lower Upper
43 100
58 61.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 71.357 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 95 Resp: 296656
Ion Ratio Lower Upper
95 100
174 71.2 0.0 167.6
176 68.9 0.0 163.4

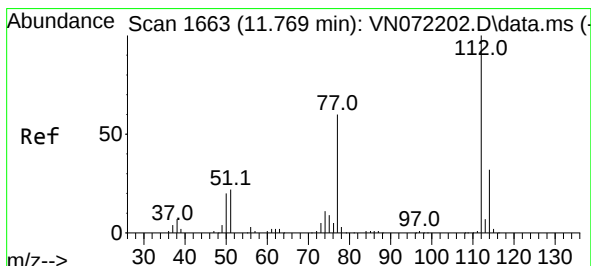
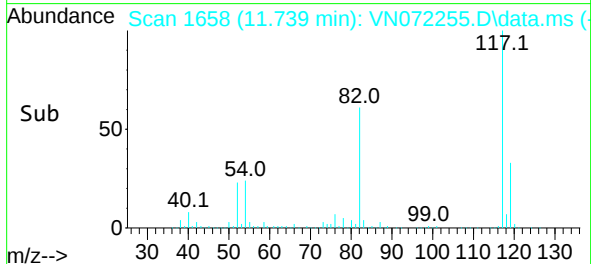
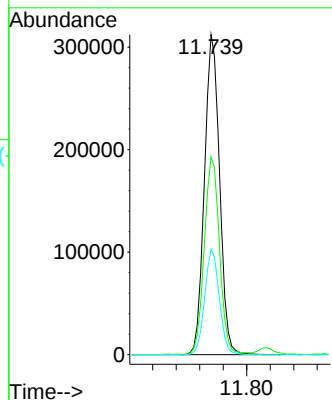
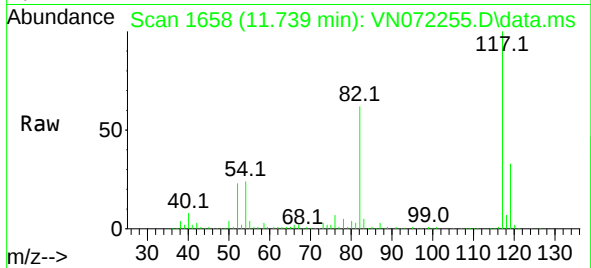




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

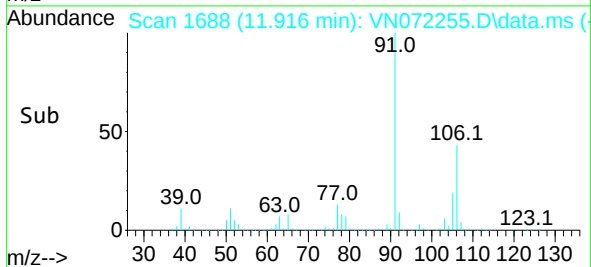
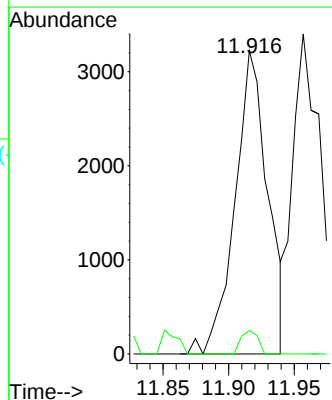
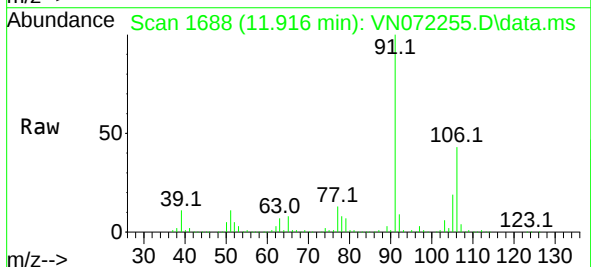
Instrument :
MSVOA_N
ClientSampleId :
MW-24

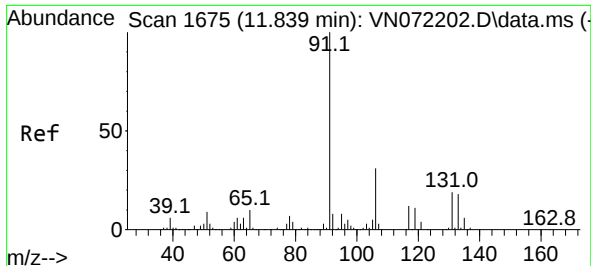
Tgt Ion:117 Resp: 557473
Ion Ratio Lower Upper
117 100
82 61.7 44.2 66.2
119 33.0 25.4 38.0



#65
Chlorobenzene
Concen: 0.496 ug/l
RT: 11.916 min Scan# 1688
Delta R.T. 0.147 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion:112 Resp: 5587
Ion Ratio Lower Upper
112 100
114 7.7 25.4 38.2#

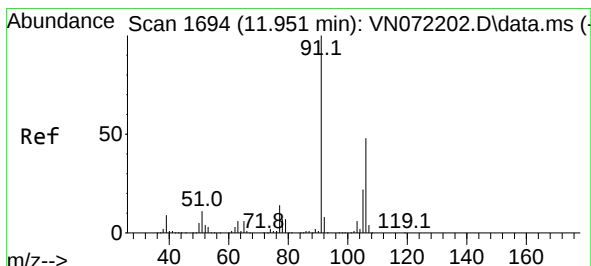
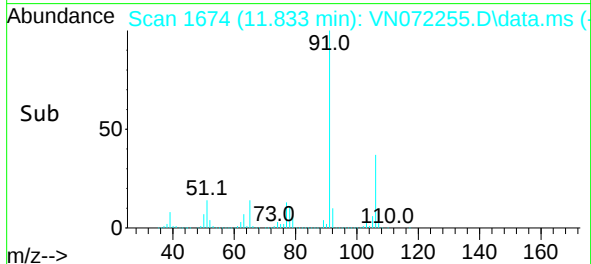
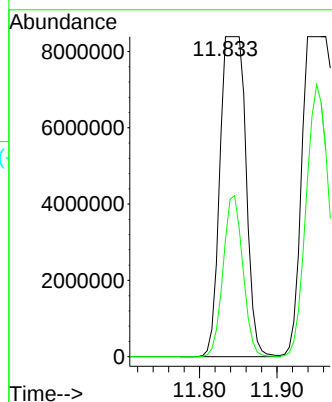
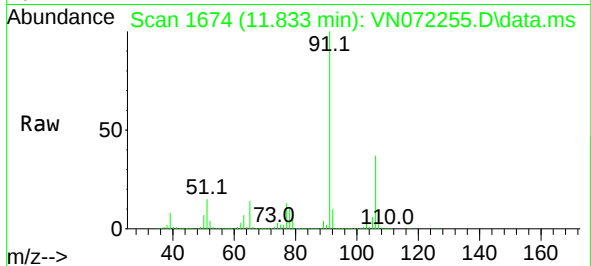




#67
Ethyl Benzene
Concen: 988.480 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

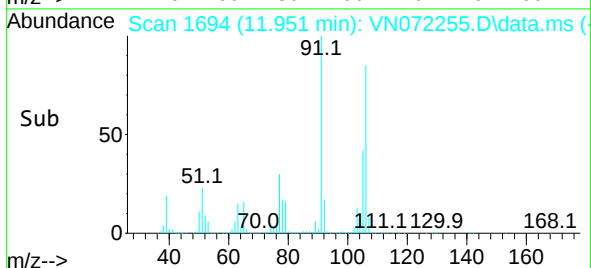
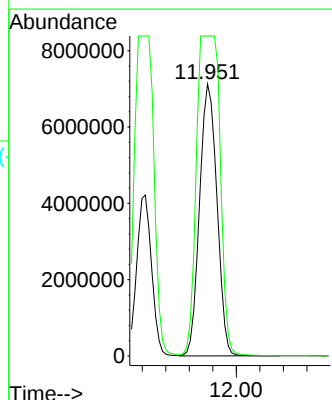
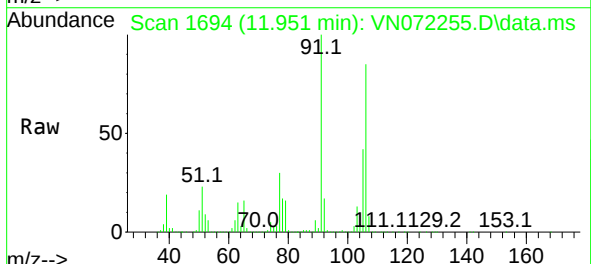
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MSVOA_N
ClientSampleId :
MW-24

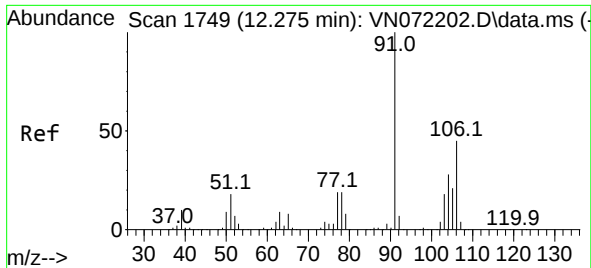
Tgt Ion: 91 Resp:19417211
Ion Ratio Lower Upper
91 100
106 36.7 24.9 37.3



#68
m/p-Xylenes
Concen: 1999.785 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion:106 Resp:14587285
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#

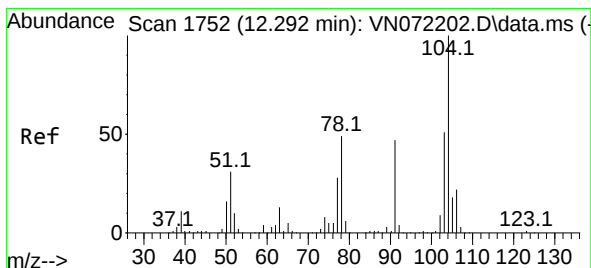
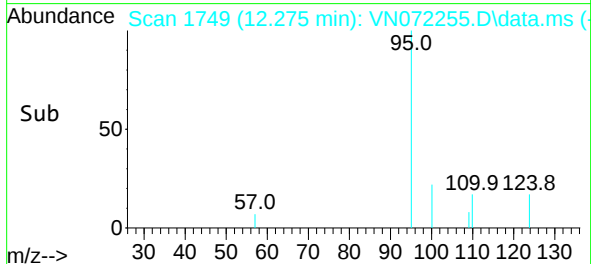
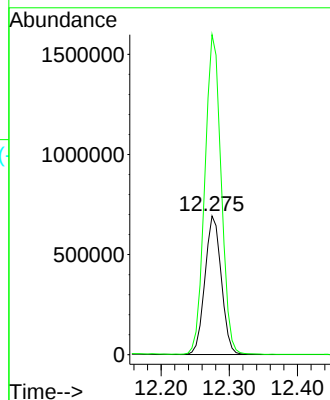
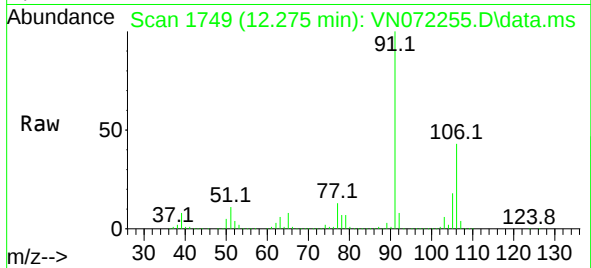




#69
o-Xylene
Concen: 163.488 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

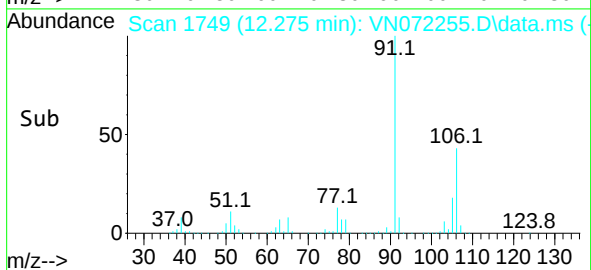
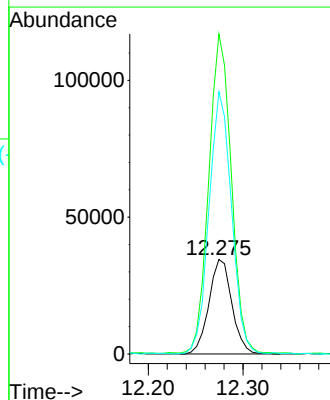
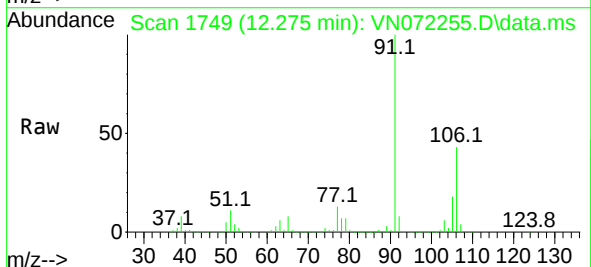
Instrument :
MSVOA_N
ClientSampleId :
MW-24

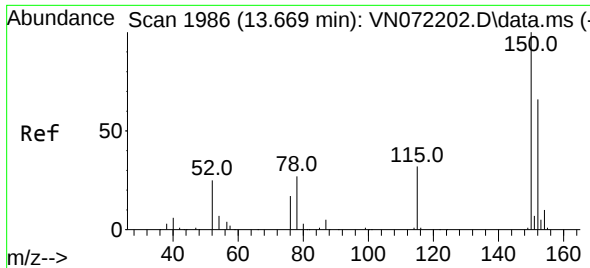
Tgt Ion:106 Resp: 1156114
Ion Ratio Lower Upper
106 100
91 230.3 106.0 318.0



#70
Styrene
Concen: 5.228 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.017 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion:104 Resp: 58234
Ion Ratio Lower Upper
104 100
78 333.6 39.5 59.3#
103 272.3 44.0 66.0#

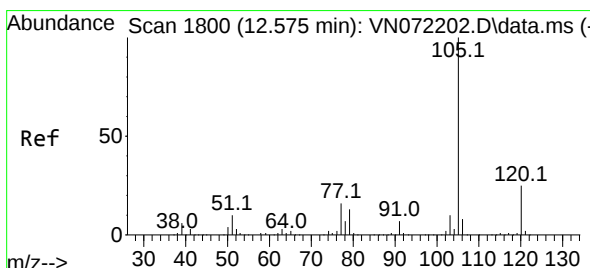
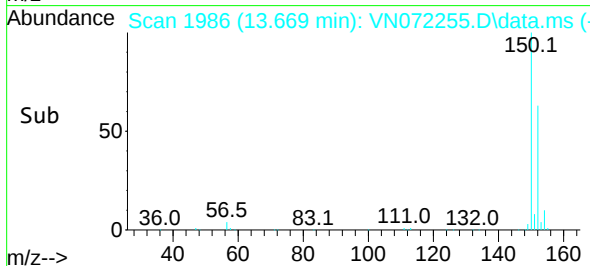
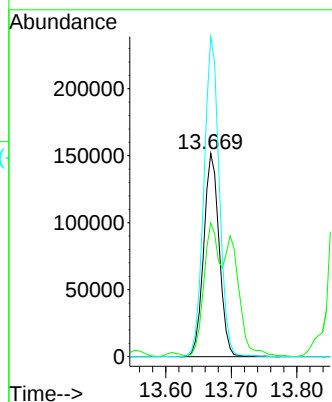
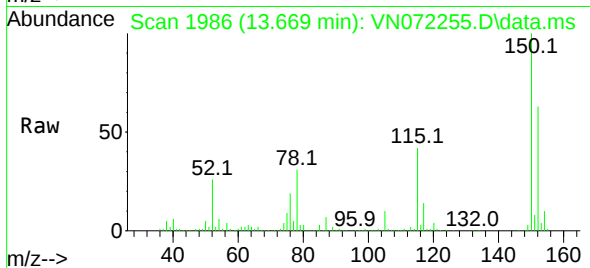




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

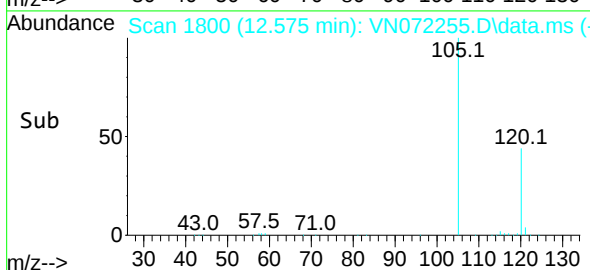
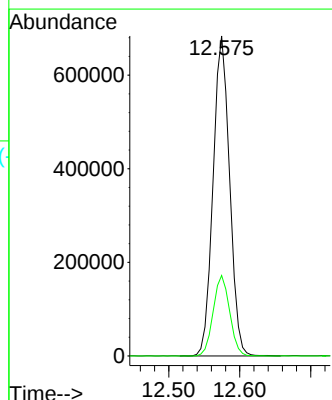
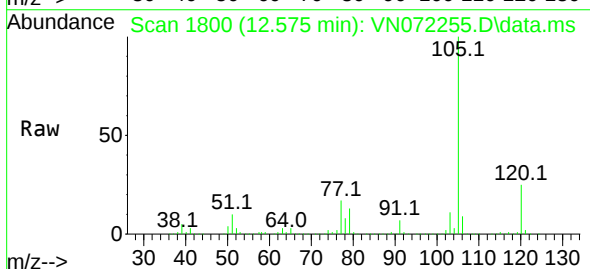
Instrument :
MSVOA_N
ClientSampleId :
MW-24

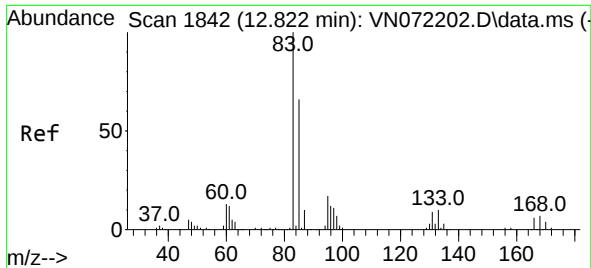
Tgt Ion:152 Resp: 249275
Ion Ratio Lower Upper
152 100
115 68.8 28.9 86.7
150 156.4 0.0 356.2



#73
Isopropylbenzene
Concen: 50.073 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion:105 Resp: 1102402
Ion Ratio Lower Upper
105 100
120 25.1 13.5 40.4

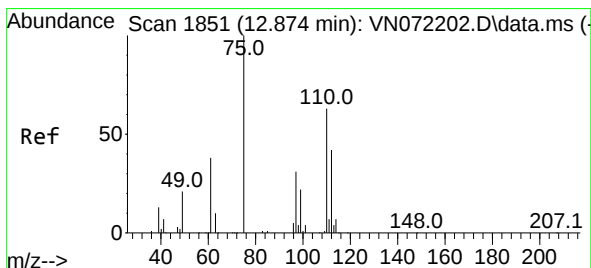
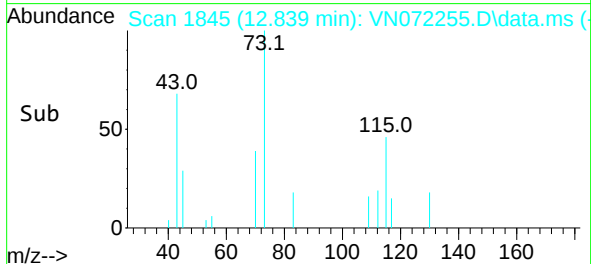
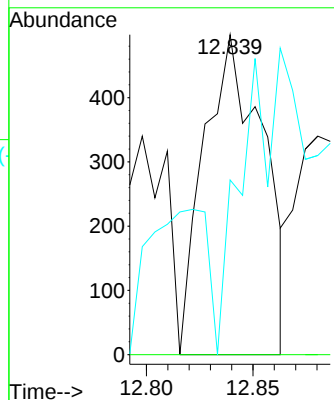
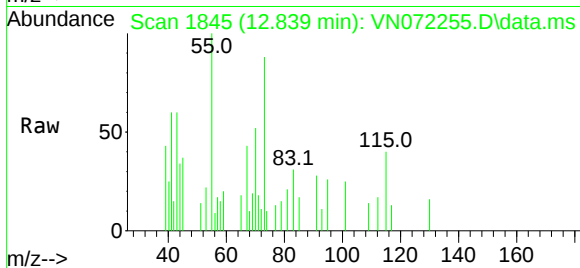




#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.839 min Scan# 1845
 Delta R.T. 0.017 min
 Lab File: VN072255.D
 Acq: 28 Apr 2022 22:13

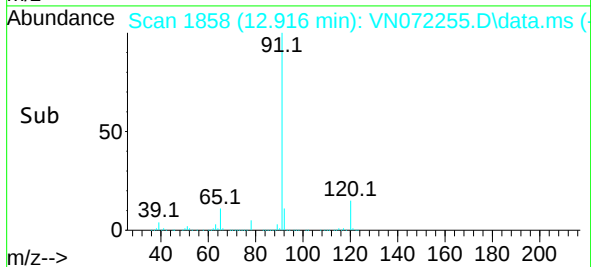
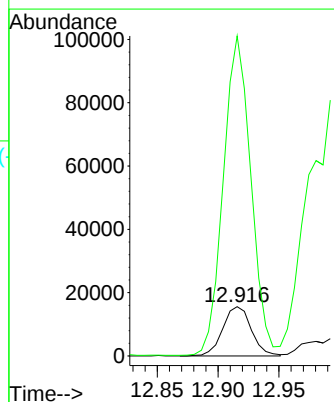
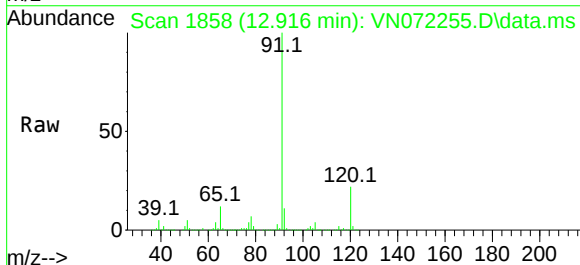
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

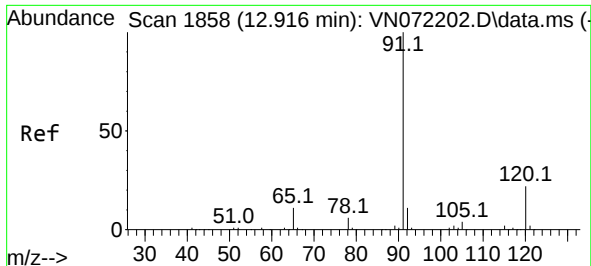
Tgt Ion: 83 Resp: 962
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.9#
 85 45.2 32.3 96.9



#76
 1,2,3-Trichloropropane
 Concen: 1.099 ug/l
 RT: 12.916 min Scan# 1858
 Delta R.T. 0.042 min
 Lab File: VN072255.D
 Acq: 28 Apr 2022 22:13

Tgt Ion: 75 Resp: 25446
 Ion Ratio Lower Upper
 75 100
 77 622.2 98.5 295.5#

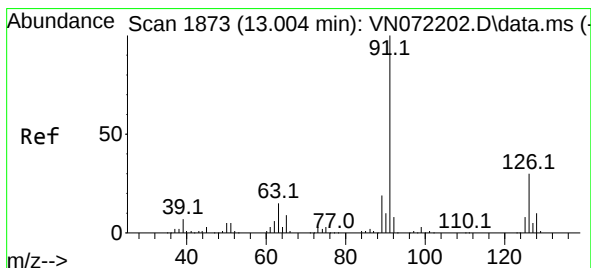
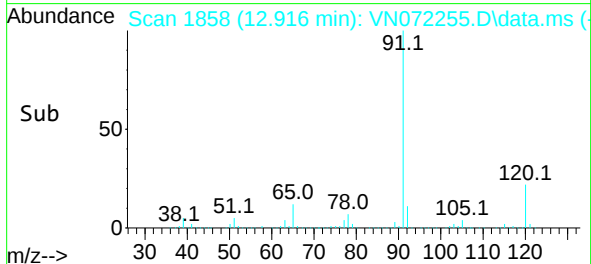
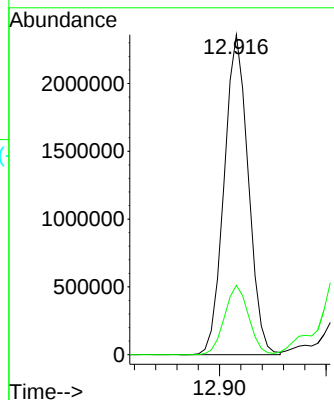
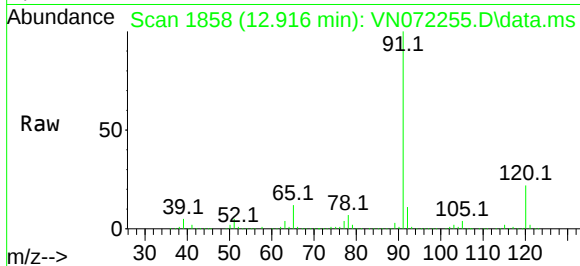




#78
n-propylbenzene
Concen: 153.014 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

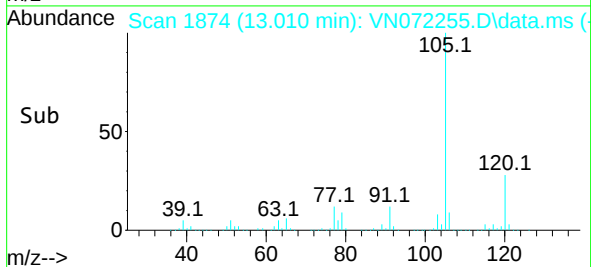
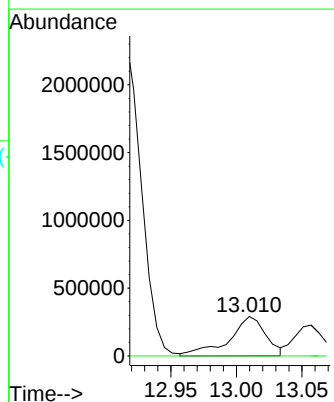
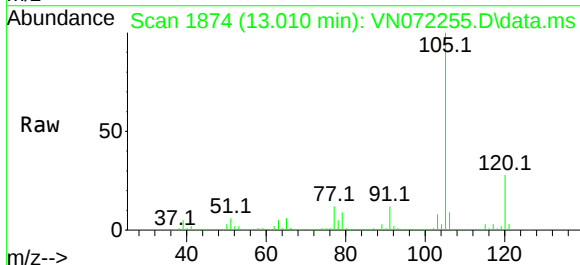
Instrument :
MSVOA_N
ClientSampleId :
MW-24

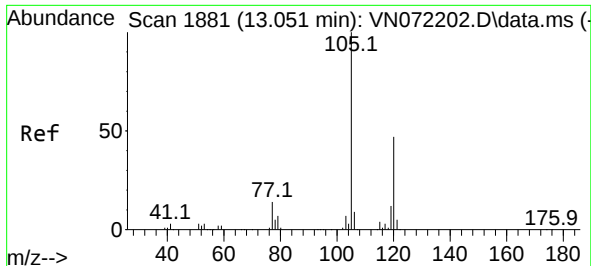
Tgt Ion: 91 Resp: 3711199
Ion Ratio Lower Upper
91 100
120 21.6 11.9 35.5



#79
2-Chlorotoluene
Concen: 35.312 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 91 Resp: 562547
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

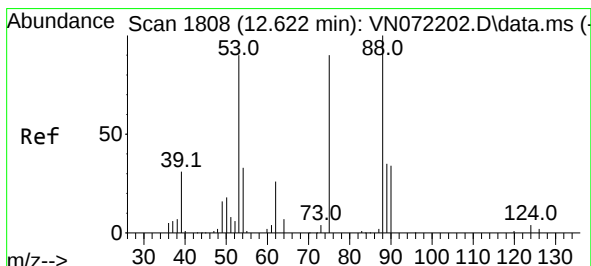
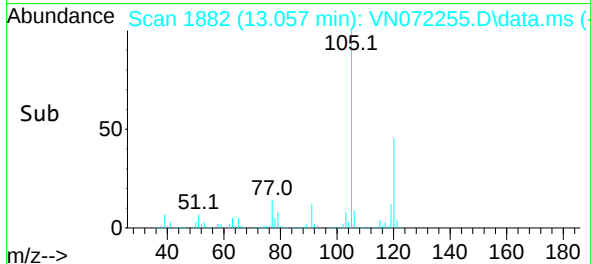
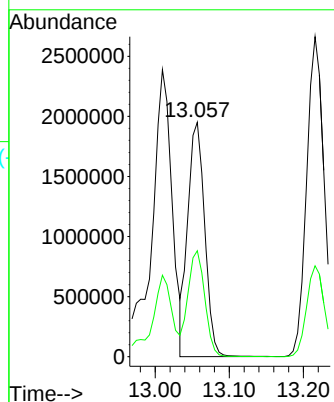
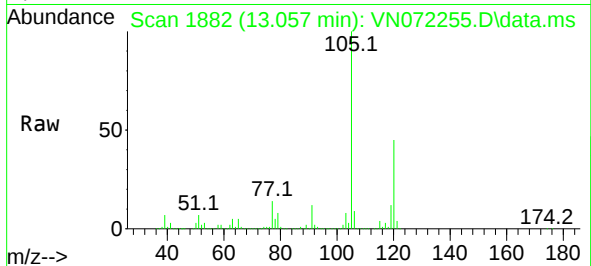




#80
 1,3,5-Trimethylbenzene
 Concen: 168.744 ug/l
 RT: 13.057 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN072255.D
 Acq: 28 Apr 2022 22:13

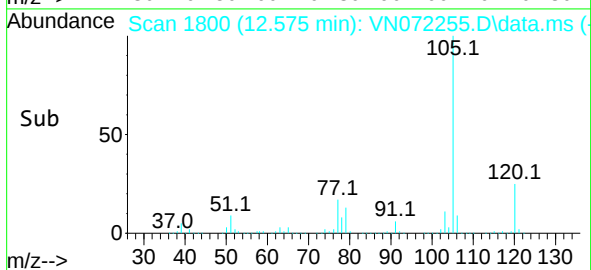
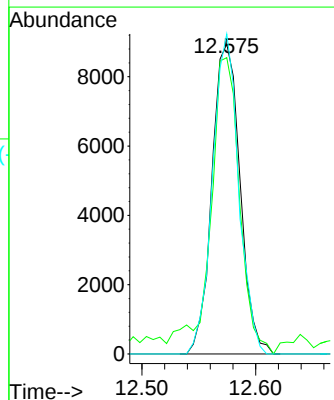
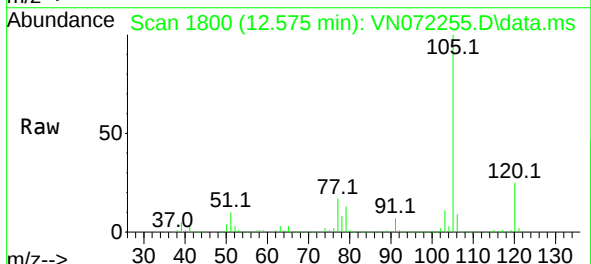
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

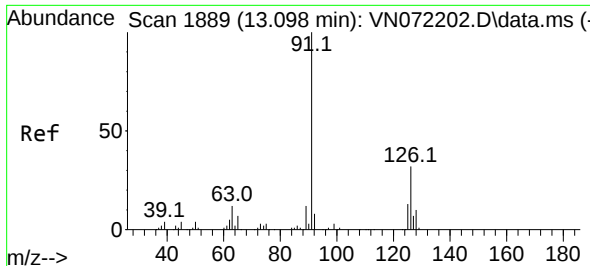
Tgt Ion:105 Resp: 3093941
 Ion Ratio Lower Upper
 105 100
 120 45.0 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 7.136 ug/l
 RT: 12.575 min Scan# 1800
 Delta R.T. -0.047 min
 Lab File: VN072255.D
 Acq: 28 Apr 2022 22:13

Tgt Ion: 75 Resp: 15385
 Ion Ratio Lower Upper
 75 100
 53 99.4 78.0 117.0
 89 96.0 37.2 55.8#

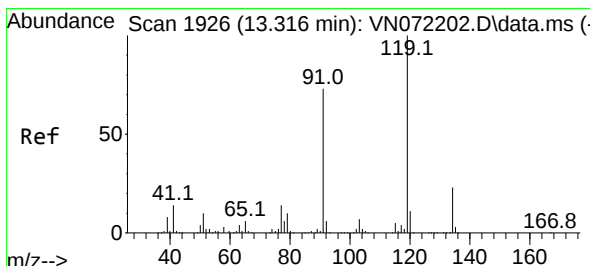
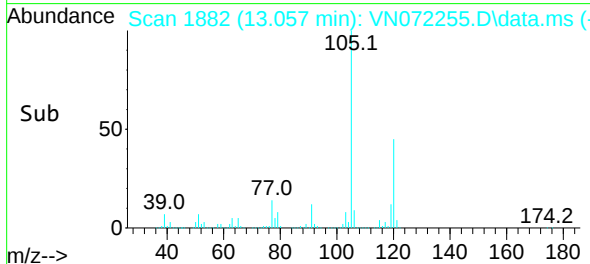
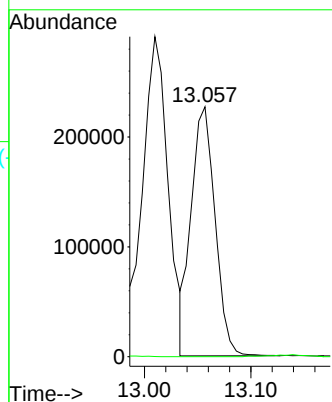
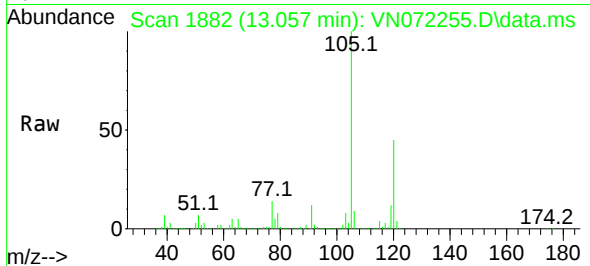




#82
4-Chlorotoluene
Concen: 23.840 ug/l
RT: 13.057 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

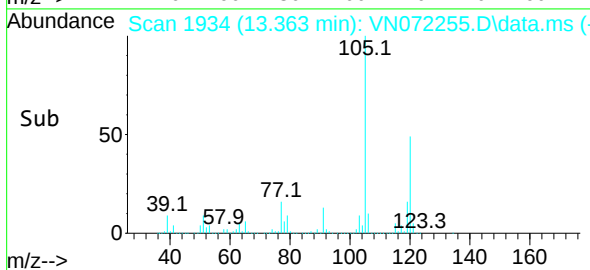
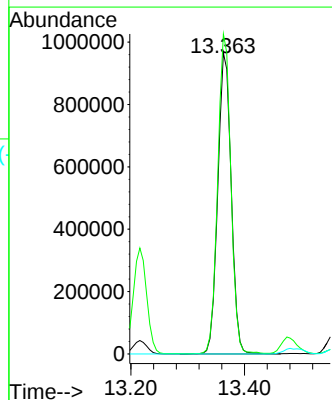
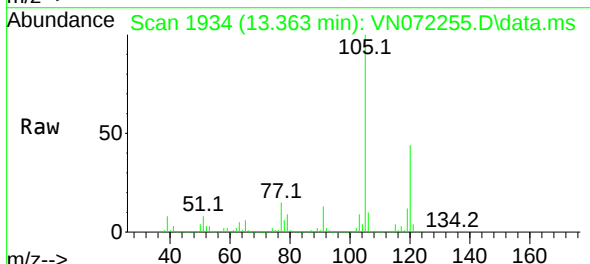
Instrument :
MSVOA_N
ClientSampleId :
MW-24

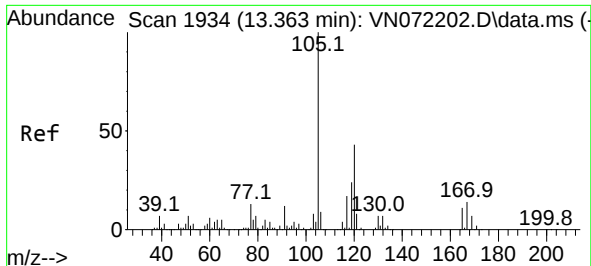
Tgt Ion: 91 Resp: 353539
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 98.314 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 119 Resp: 1582684
Ion Ratio Lower Upper
119 100
91 104.2 31.6 94.8#
134 0.0 13.7 41.1#

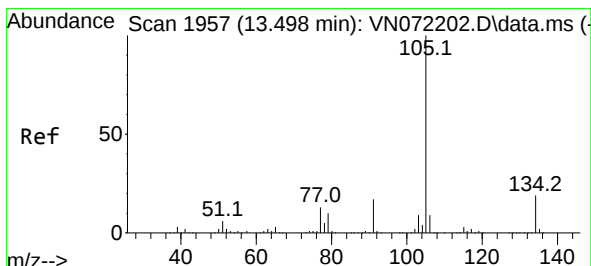
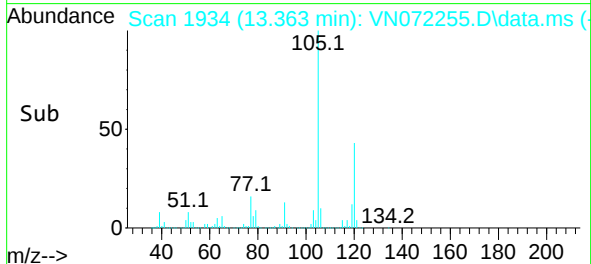
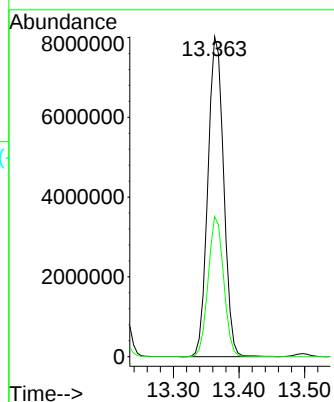
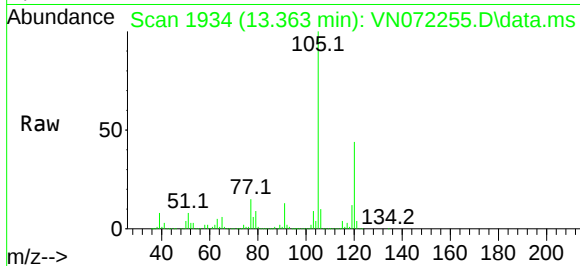




#84
1,2,4-Trimethylbenzene
Concen: 755.736 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

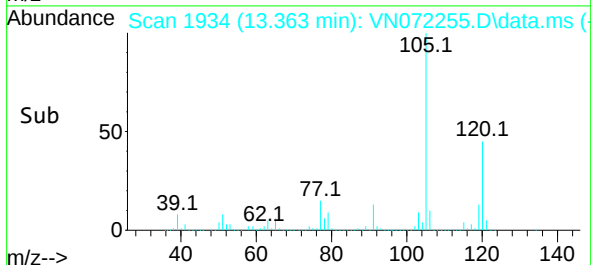
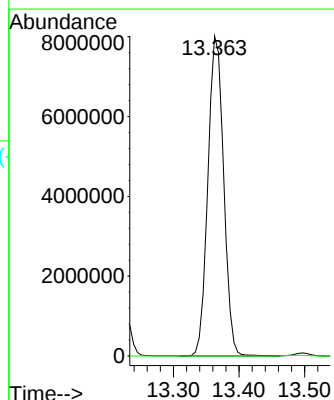
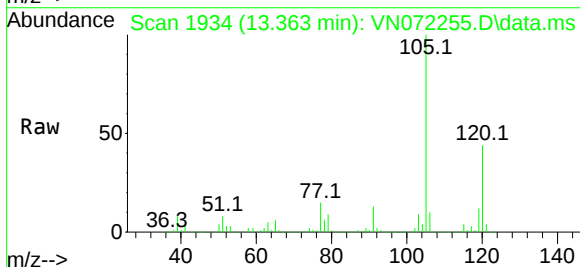
Instrument :
MSVOA_N
ClientSampleId :
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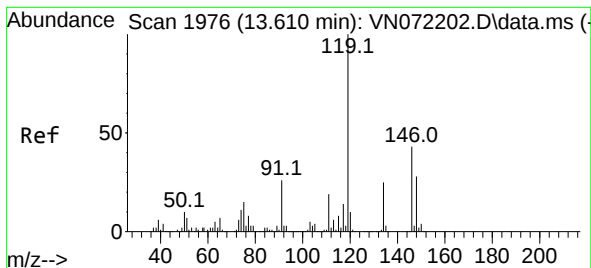
Tgt Ion:105 Resp:13406764
Ion Ratio Lower Upper
105 100
120 43.1 23.3 69.8



#85
sec-Butylbenzene
Concen: 638.784 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.135 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion:105 Resp:13406764
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 2.908 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072255.D

Acq: 28 Apr 2022 22:13

Instrument :

MSVOA_N

ClientSampleId :

MW-24

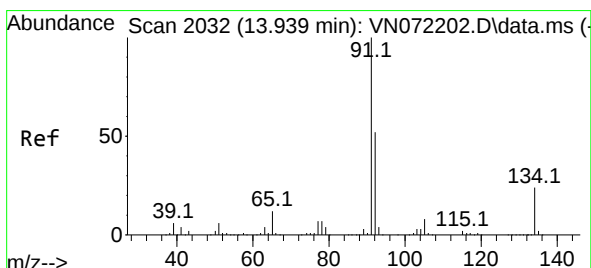
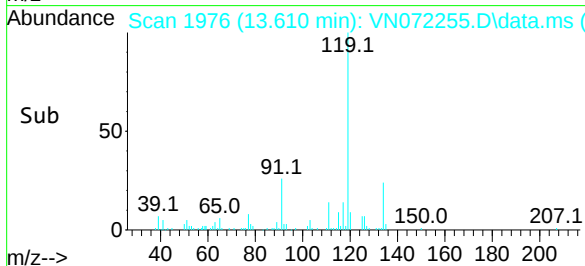
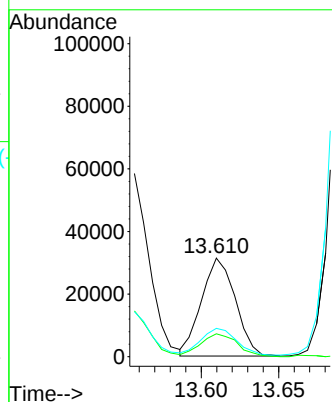
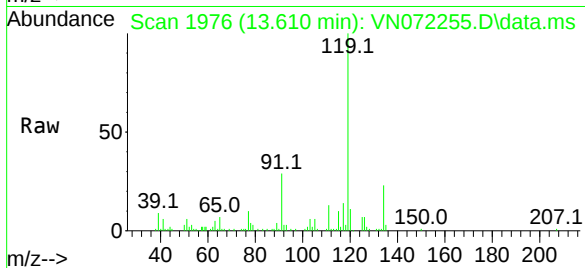
Tgt Ion:119 Resp: 47581

Ion Ratio Lower Upper

119 100

134 25.3 13.3 39.8

91 0.0 11.3 33.9#



#89

n-Butylbenzene

Concen: 10.400 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072255.D

Acq: 28 Apr 2022 22:13

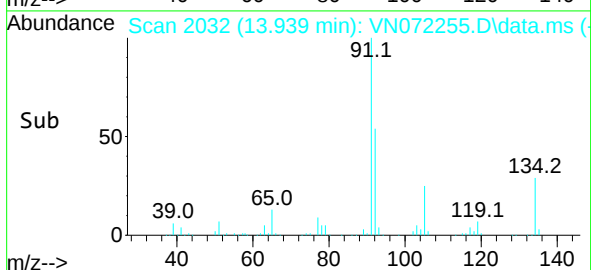
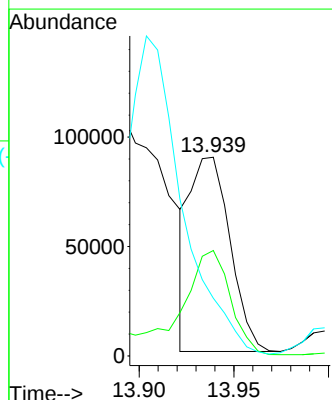
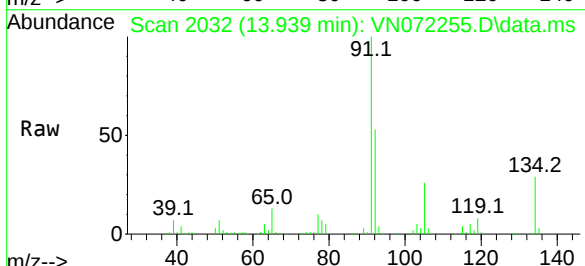
Tgt Ion: 91 Resp: 130350

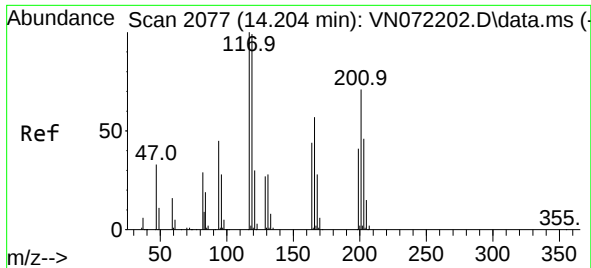
Ion Ratio Lower Upper

91 100

92 62.1 26.9 80.7

134 0.0 13.6 40.8#

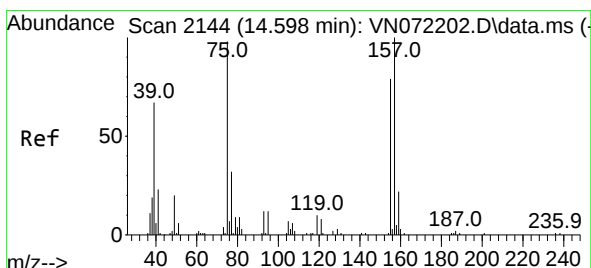
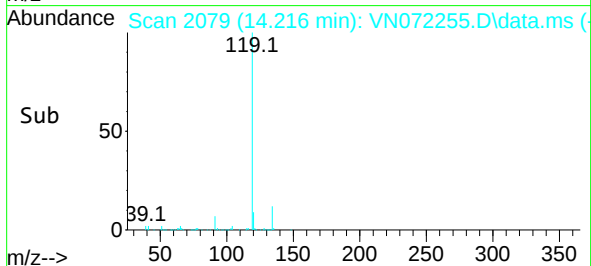
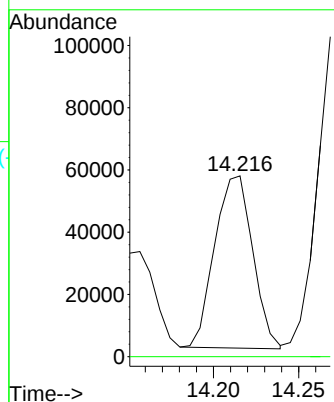
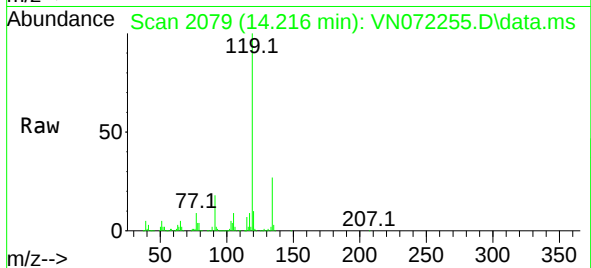




#90
Hexachloroethane
Concen: 24.151 ug/l
RT: 14.216 min Scan# 2079
Delta R.T. 0.012 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

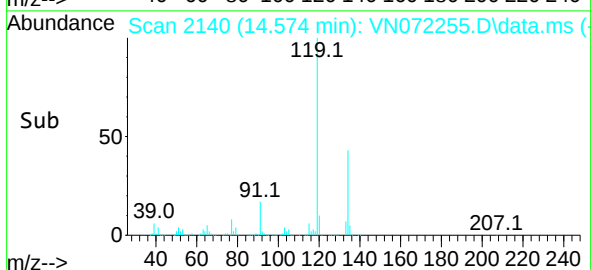
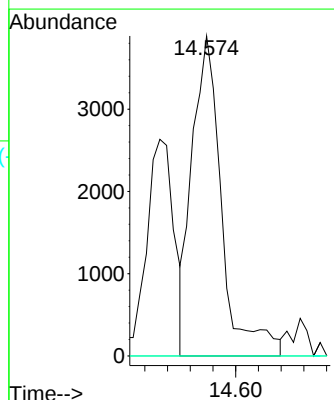
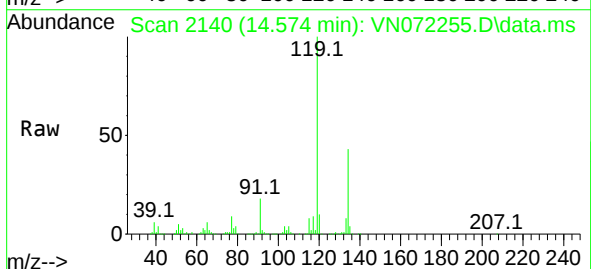
Instrument :
MSVOA_N
ClientSampleId :
MW-24

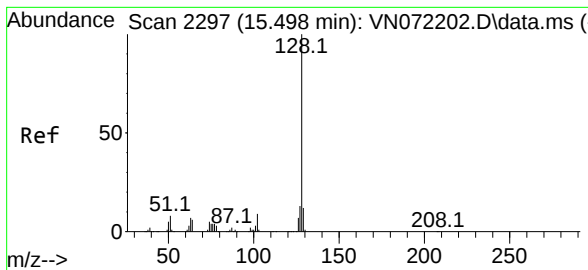
Tgt Ion:117 Resp: 85784
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.623 ug/l
RT: 14.574 min Scan# 2140
Delta R.T. -0.024 min
Lab File: VN072255.D
Acq: 28 Apr 2022 22:13

Tgt Ion: 75 Resp: 7039
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#





#95
 Naphthalene
 Concen: 221.932 ug/l
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072255.D
 Acq: 28 Apr 2022 22:13

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-24

Tgt Ion:128 Resp: 3074235
 Ion Ratio Lower Upper
 128 100
 127 12.8 10.3 15.5
 129 10.8 8.6 13.0

