

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072609.D
 Acq On : 25 May 2022 00:32
 Operator : JC\MD
 Sample : N2968-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

Quant Time: May 25 09:24:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	136465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	246665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	290698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	140617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	87761	56.536	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	113.080%
35) Dibromofluoromethane	8.016	113	72351	45.256	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.520%
50) Toluene-d8	10.439	98	322416	52.817	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.640%
62) 4-Bromofluorobenzene	12.727	95	203087	102.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	204.580%#
Target Compounds						Qvalue
3) Chloromethane	2.293	50	659	Below Cal	#	43
6) Chloroethane	3.046	64	397	Below Cal	#	42
11) Tert butyl alcohol	5.357	59	223206	763.597	ug/l	100
13) Acrolein	3.987	56	6549	40.073	ug/l #	1
14) Allyl chloride	4.951	41	22064	9.858	ug/l #	9
15) Acrylonitrile	5.622	53	2508	2.698	ug/l #	19
16) Acetone	4.287	43	10908	14.296	ug/l	97
18) Methyl Acetate	4.904	43	2485	0.712	ug/l #	48
19) Methyl tert-butyl Ether	5.604	73	102334	24.055	ug/l #	18
20) Methylene Chloride	4.957	84	2239	1.247	ug/l #	1
22) Diisopropyl ether	6.486	45	25087	5.275	ug/l #	86
23) Vinyl Acetate	6.392	43	3211	0.795	ug/l #	68
25) 2-Butanone	7.328	43	5151	4.001	ug/l #	71
26) 2,2-Dichloropropane	7.139	77	1902	0.963	ug/l #	53
29) Tetrahydrofuran	7.845	42	684	0.854	ug/l #	1
30) Chloroform	7.833	83	924	0.343	ug/l #	18
31) Cyclohexane	8.092	56	118346	48.129	ug/l	95
36) 1,1-Dichloropropene	8.075	75	10693	4.728	ug/l #	48
37) Ethyl Acetate	7.328	43	5151	1.742	ug/l #	67
38) Carbon Tetrachloride	8.081	117	13379	5.604	ug/l #	16
39) Methylcyclohexane	9.457	83	60094	21.562	ug/l	98
40) Benzene	8.457	78	4982415	682.662	ug/l	99
41) Methacrylonitrile	7.651	41	753	0.506	ug/l #	19
42) 1,2-Dichloroethane	8.457	62	43688	18.476	ug/l	80
43) Isopropyl Acetate	8.522	43	16021	3.821	ug/l #	53
45) 1,2-Dichloropropane	9.457	63	616	0.325	ug/l #	1
47) Bromodichloromethane	9.639	83	993	0.403	ug/l #	26
48) Methyl methacrylate	9.633	41	6646	3.259	ug/l #	71
51) 4-Methyl-2-Pentanone	10.327	43	2694	0.939	ug/l #	59
52) Toluene	10.498	92	202550	43.824	ug/l	98
53) t-1,3-Dichloropropene	10.498	75	2484	0.986	ug/l #	1
55) 1,1,2-Trichloroethane	10.874	97	4420	2.305	ug/l #	21
56) Ethyl methacrylate	10.774	69	1311	0.444	ug/l #	73
59) 2-Hexanone	11.127	43	2392	1.176	ug/l	74
65) Chlorobenzene	11.910	112	1471	0.226	ug/l #	43
67) Ethyl Benzene	11.839	91	5336726	482.009	ug/l	99

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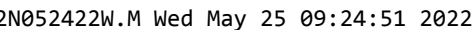
Quant Time: May 25 09:24:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
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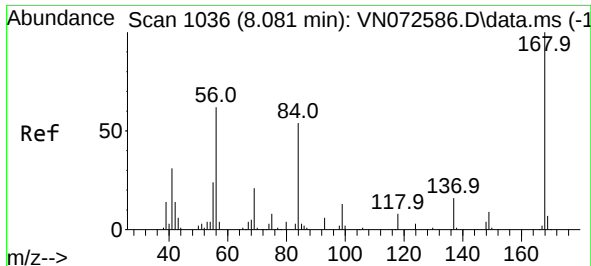
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) m/p-Xylenes	11.951	106	2266916	537.160	ug/l	99
69) o-Xylene	12.274	106	1127961	276.488	ug/l	98
70) Styrene	12.274	104	56626	8.577	ug/l #	1
71) Bromoform	12.721	173	1220	0.604	ug/l #	28
73) Isopropylbenzene	12.574	105	406885	32.484	ug/l	99
76) 1,2,3-Trichloropropane	12.915	75	6776	1.775	ug/l #	1
77) Bromobenzene	12.927	156	9468	3.047	ug/l #	1
78) n-propylbenzene	12.915	91	1124462	80.961	ug/l	99
79) 2-Chlorotoluene	13.010	91	108437	12.638	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.051	105	627589	64.416	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.574	75	4385	3.371	ug/l #	49
82) 4-Chlorotoluene	13.051	91	63948	8.150	ug/l #	40
83) tert-Butylbenzene	13.363	119	438488	48.330	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.363	105	3494340	365.747	ug/l	99
85) sec-Butylbenzene	13.363	105	3494340	288.007	ug/l #	56
86) p-Isopropyltoluene	13.610	119	17473	1.827	ug/l #	78
89) n-Butylbenzene	13.933	91	31975	4.143	ug/l #	82
90) Hexachloroethane	14.210	117	22169	11.722	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.609	75	365	0.484	ug/l #	1
95) Naphthalene	15.498	128	1027239	117.383	ug/l	99

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

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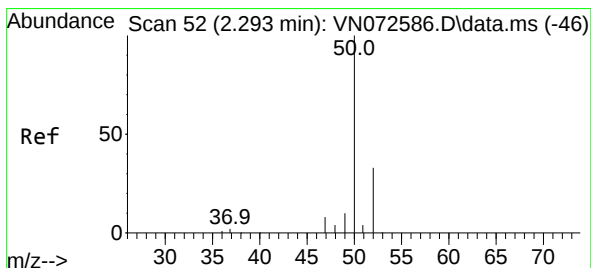
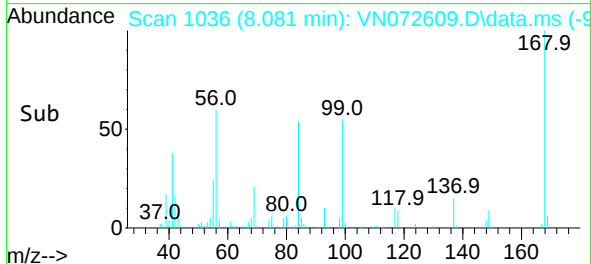
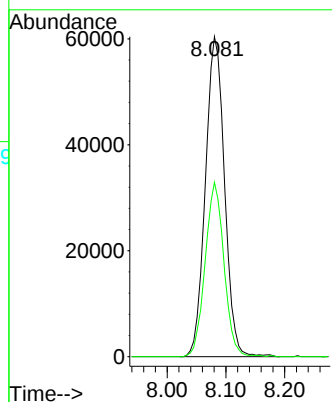
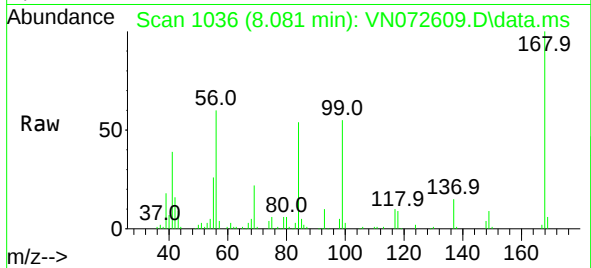




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

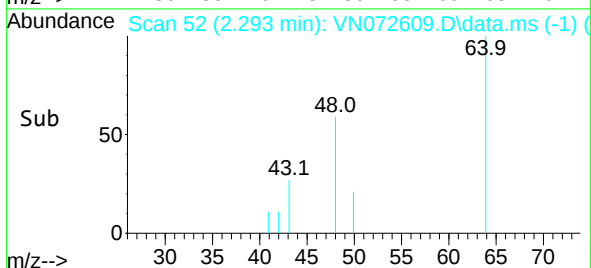
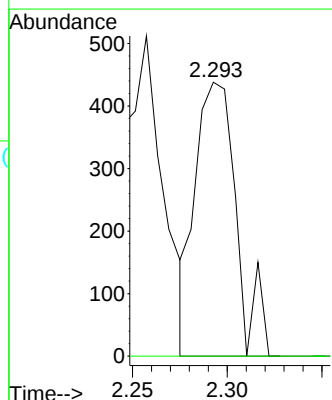
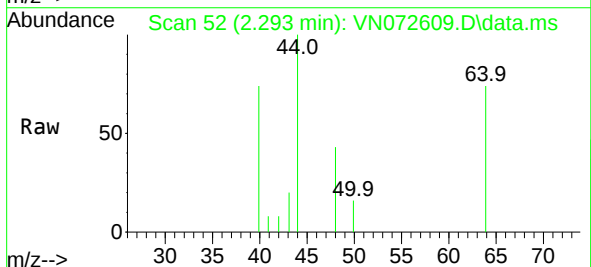
Instrument :
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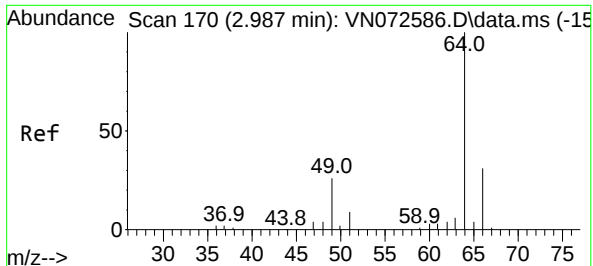
Tgt Ion:168 Resp: 136465
Ion Ratio Lower Upper
168 100
99 54.5 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.293 min Scan# 52
Delta R.T. -0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 50 Resp: 659
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

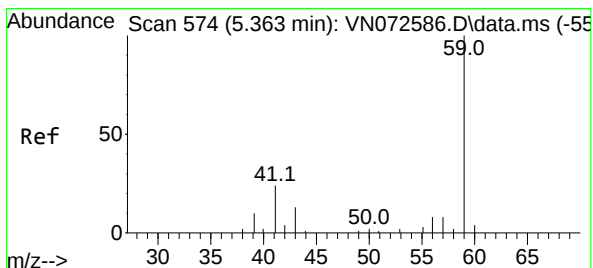
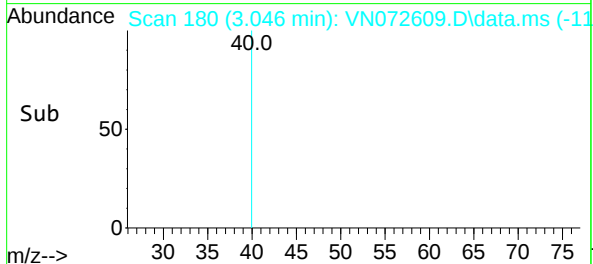
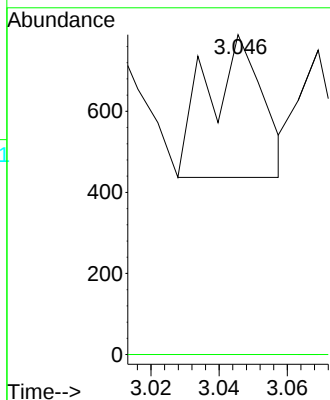
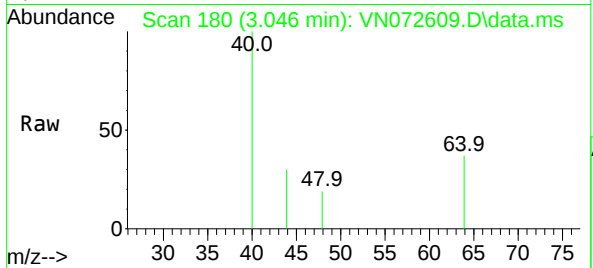




#6
Chloroethane
Concen: Below Cal
RT: 3.046 min Scan# 11
Delta R.T. 0.059 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

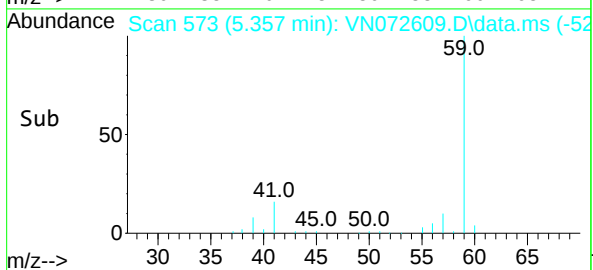
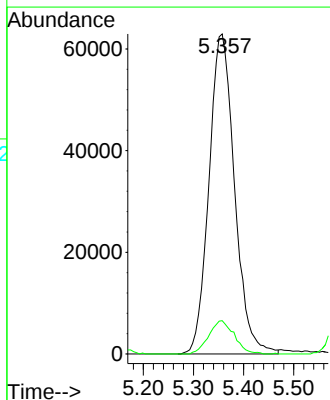
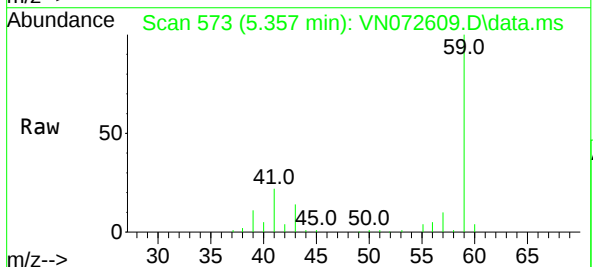
Instrument :
MSVOA_N
ClientSampleId :
MW-38

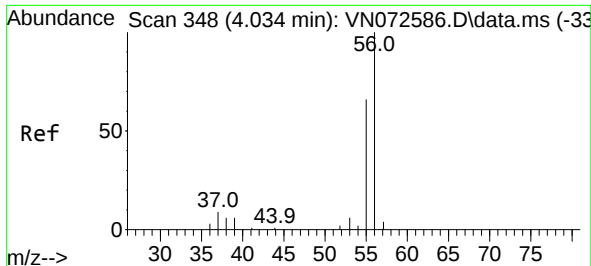
Tgt Ion: 64 Resp: 397
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 763.597 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.006 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 59 Resp: 223206
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5





#13

Acrolein

Concen: 40.073 ug/l

RT: 3.987 min Scan# 34

Delta R.T. -0.047 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

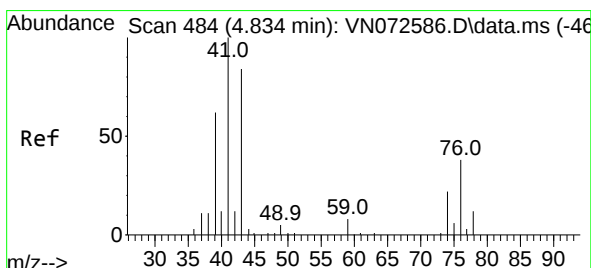
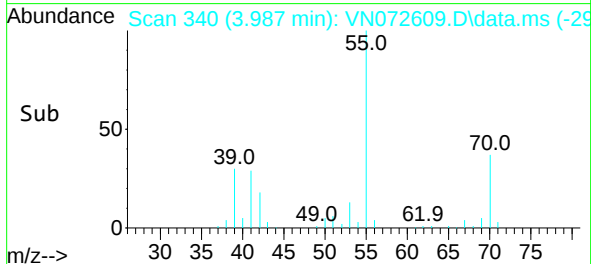
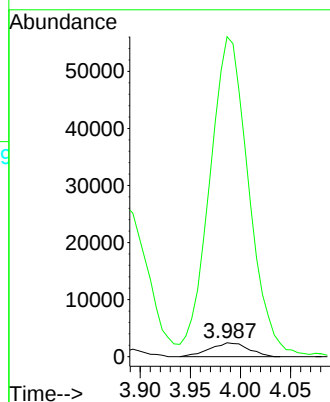
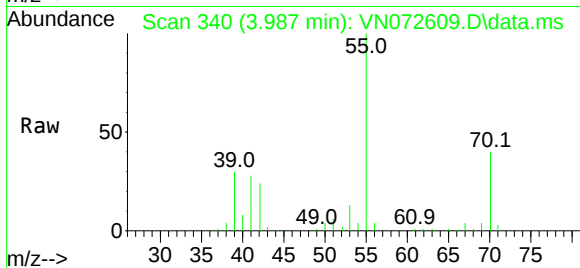
MW-38

Tgt Ion: 56 Resp: 6549

Ion Ratio Lower Upper

56 100

55 2285.8 54.8 82.2#



#14

Allyl chloride

Concen: 9.858 ug/l

RT: 4.951 min Scan# 504

Delta R.T. 0.117 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

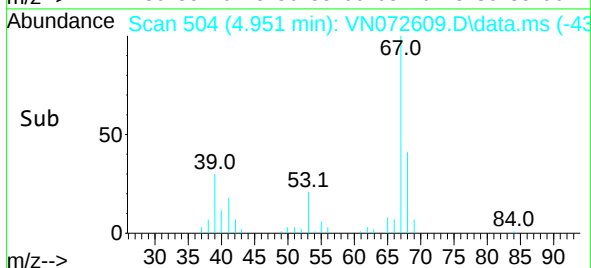
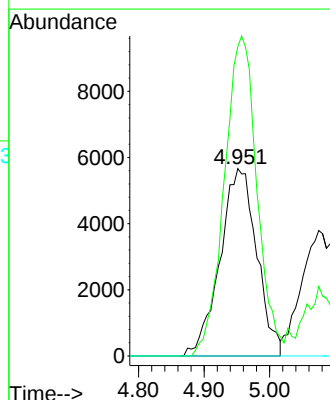
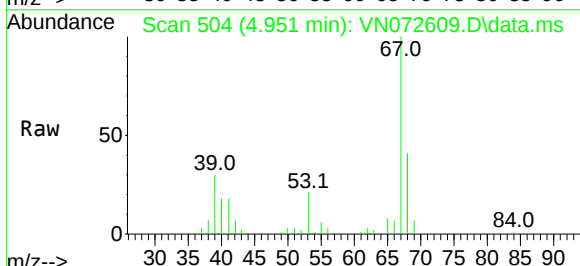
Tgt Ion: 41 Resp: 22064

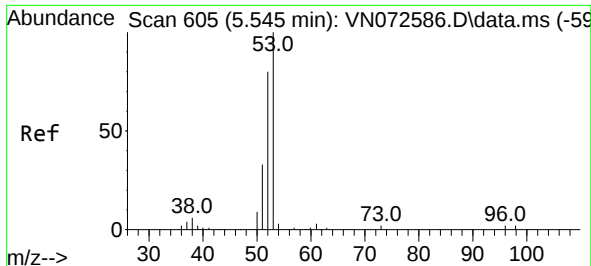
Ion Ratio Lower Upper

41 100

39 151.9 53.2 79.8#

76 0.0 29.9 44.9#





#15

Acrylonitrile

Concen: 2.698 ug/l

RT: 5.622 min Scan# 61

Delta R.T. 0.077 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

Instrument :

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ClientSampleId :

MW-38

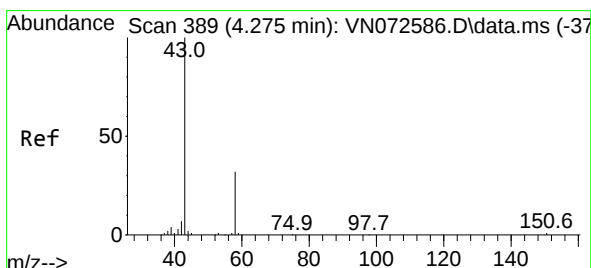
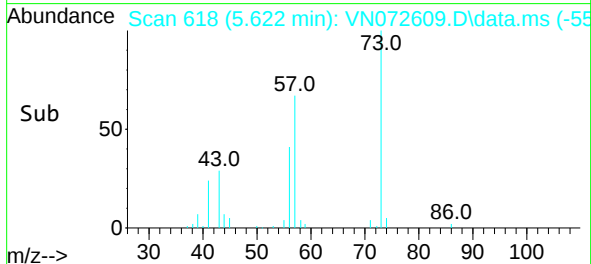
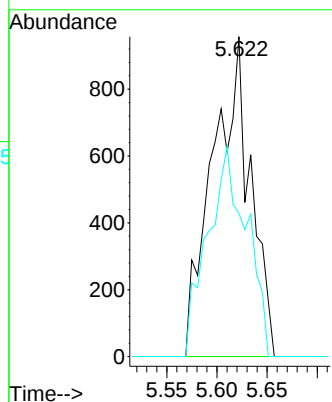
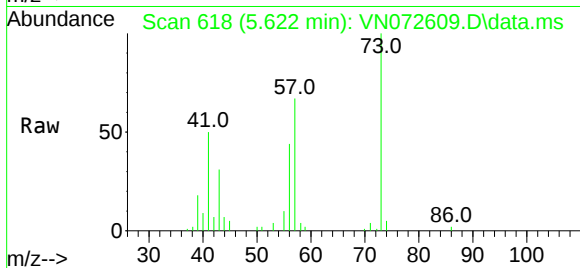
Tgt Ion: 53 Resp: 2508

Ion Ratio Lower Upper

53 100

52 0.0 66.4 99.6#

51 68.0 28.5 42.7#



#16

Acetone

Concen: 14.296 ug/l

RT: 4.287 min Scan# 391

Delta R.T. 0.012 min

Lab File: VN072609.D

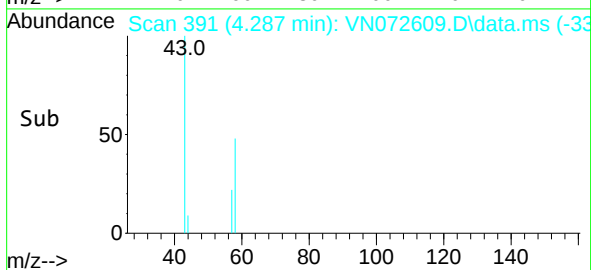
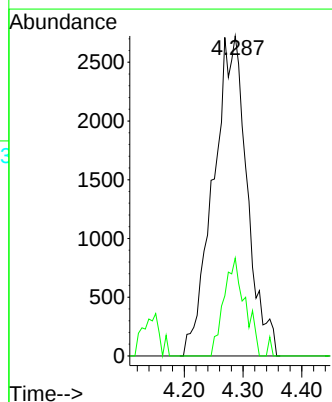
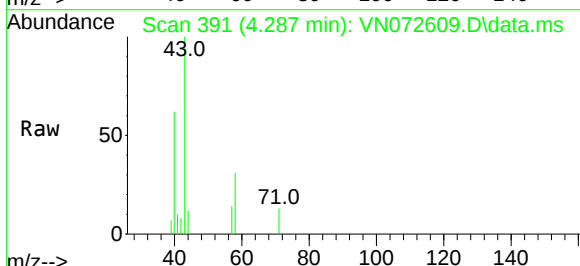
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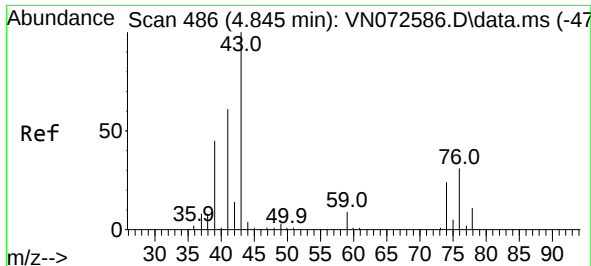
Tgt Ion: 43 Resp: 10908

Ion Ratio Lower Upper

43 100

58 30.6 26.0 39.0

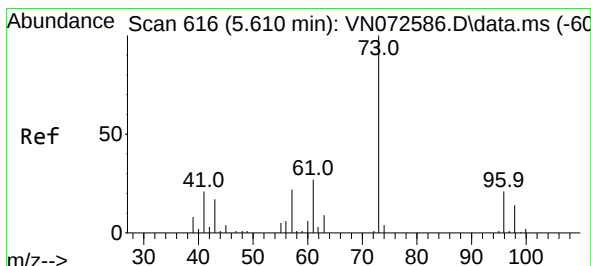
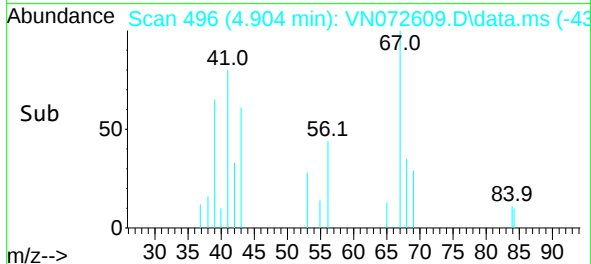
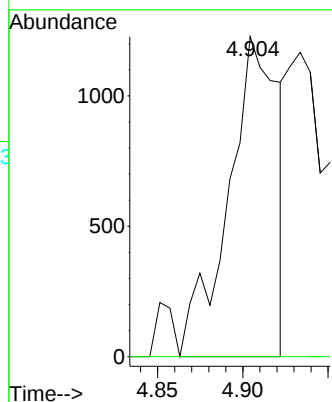
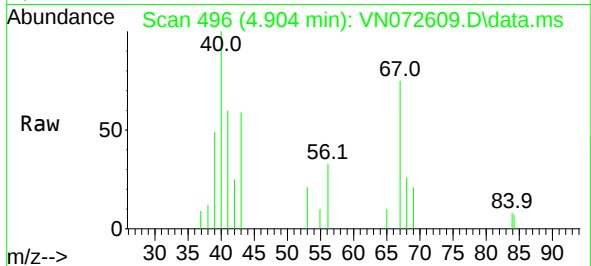




#18
Methyl Acetate
Concen: 0.712 ug/l
RT: 4.904 min Scan# 496
Delta R.T. 0.059 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

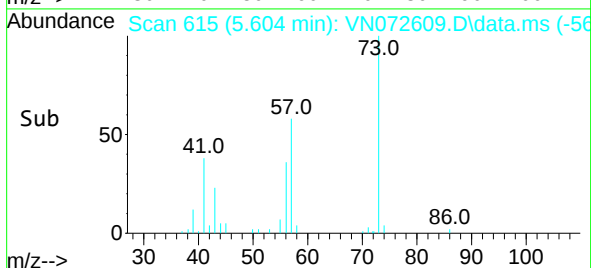
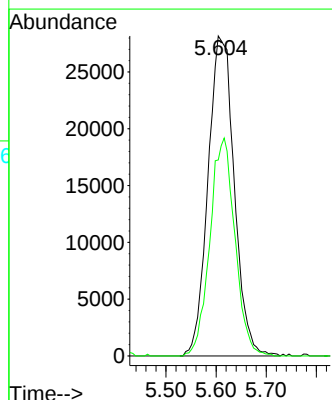
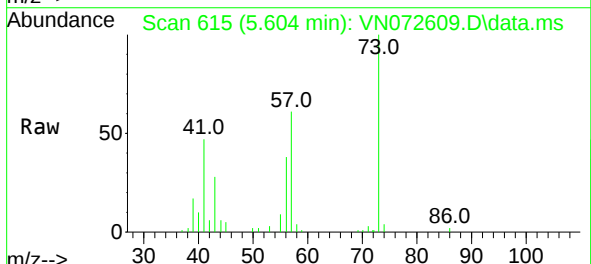
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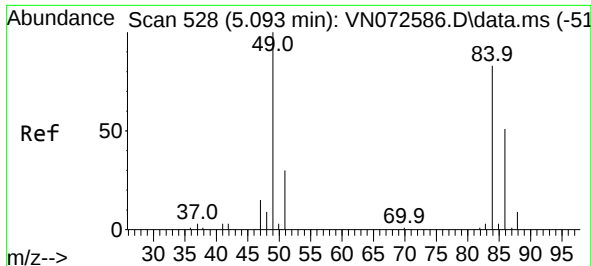
Tgt Ion: 43 Resp: 2485
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 24.055 ug/l
RT: 5.604 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

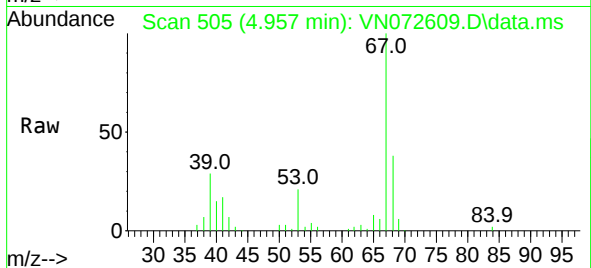
Tgt Ion: 73 Resp: 102334
Ion Ratio Lower Upper
73 100
57 61.3 17.6 26.4#





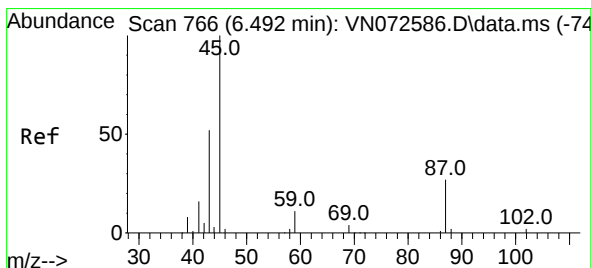
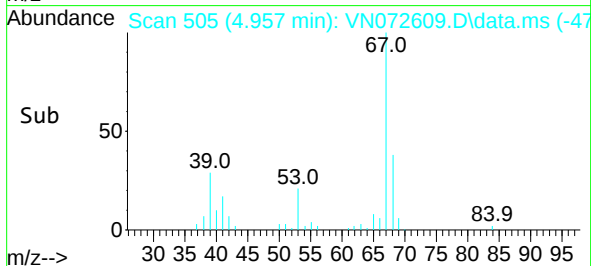
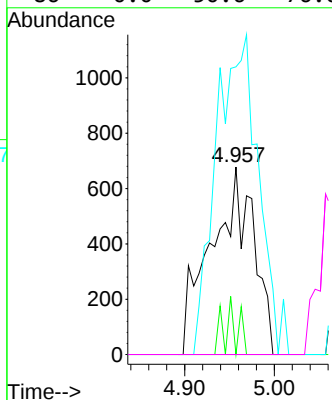
#20
Methylene Chloride
Concen: 1.247 ug/l
RT: 4.957 min Scan# 505
Delta R.T. -0.136 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

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Tgt Ion: 84 Resp: 2239

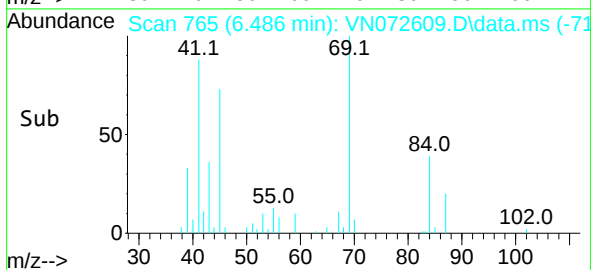
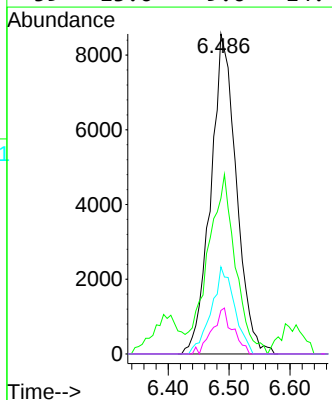
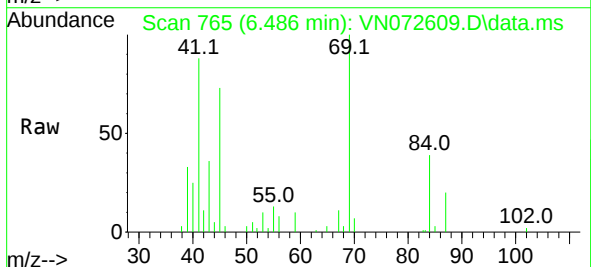
Ion	Ratio	Lower	Upper
84	100		
49	0.0	88.3	132.5#
51	153.4	28.2	42.2#
86	0.0	50.6	76.0#

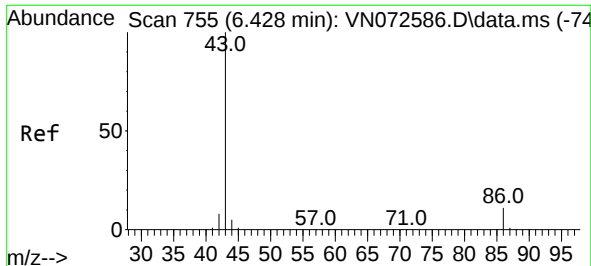


#22
Diisopropyl ether
Concen: 5.275 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 45 Resp: 25087

Ion	Ratio	Lower	Upper
45	100		
43	43.3	46.6	70.0#
87	27.2	24.3	36.5
59	13.6	9.6	14.4

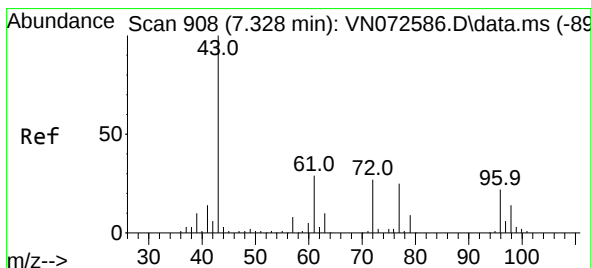
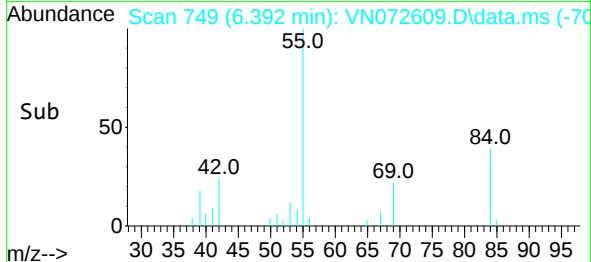
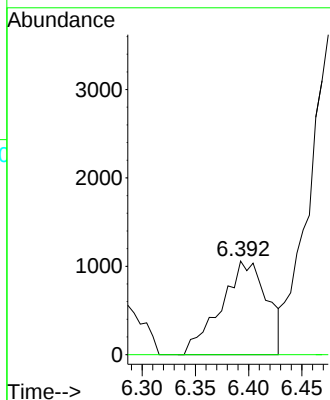
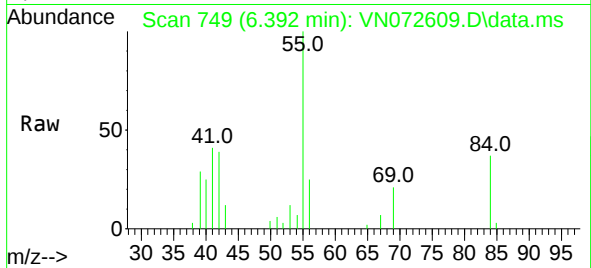




#23
 Vinyl Acetate
 Concen: 0.795 ug/l
 RT: 6.392 min Scan# 749
 Delta R.T. -0.036 min
 Lab File: VN072609.D
 Acq: 25 May 2022 00:32

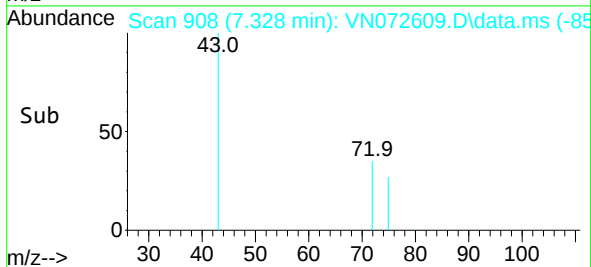
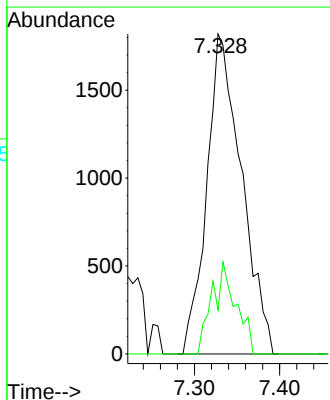
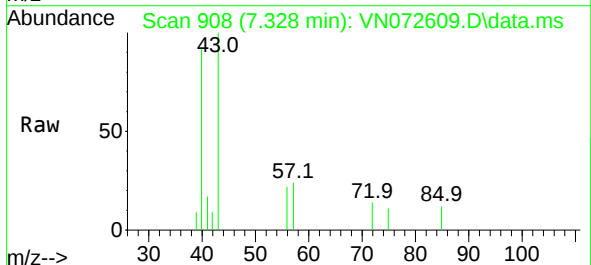
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

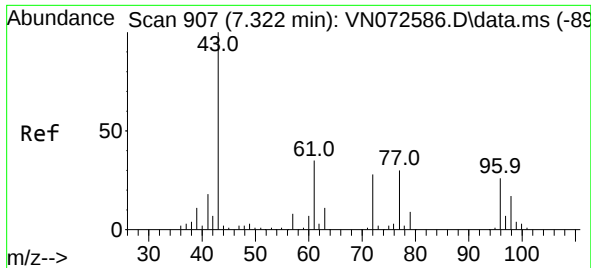
Tgt Ion: 43 Resp: 3211
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 4.001 ug/l
 RT: 7.328 min Scan# 908
 Delta R.T. -0.000 min
 Lab File: VN072609.D
 Acq: 25 May 2022 00:32

Tgt Ion: 43 Resp: 5151
 Ion Ratio Lower Upper
 43 100
 72 13.7 23.7 35.5#

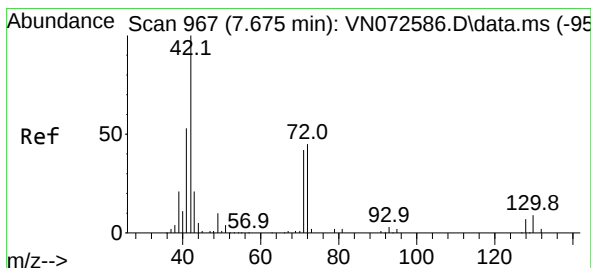
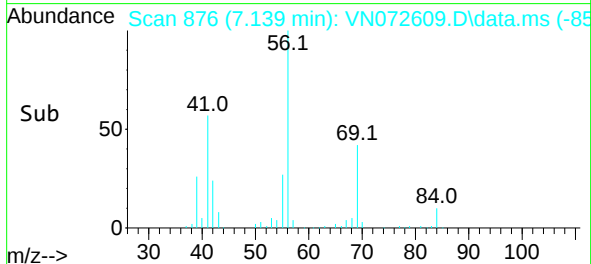
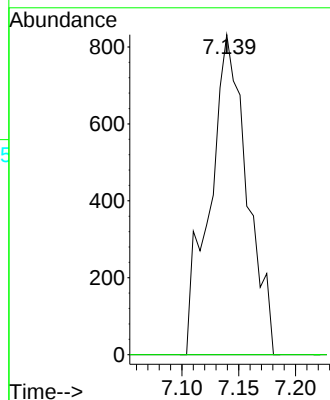
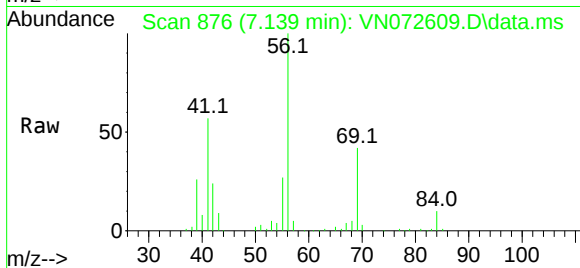




#26
2,2-Dichloropropane
Concen: 0.963 ug/l
RT: 7.139 min Scan# 81
Delta R.T. -0.183 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

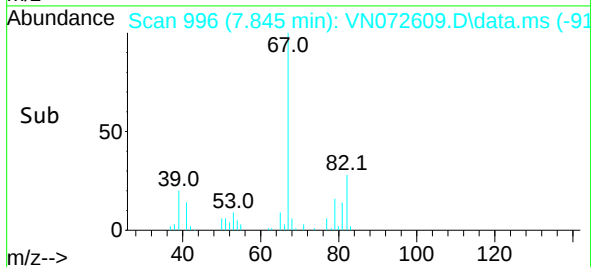
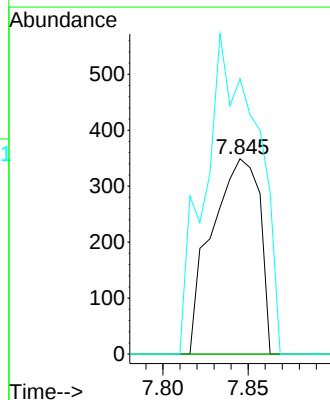
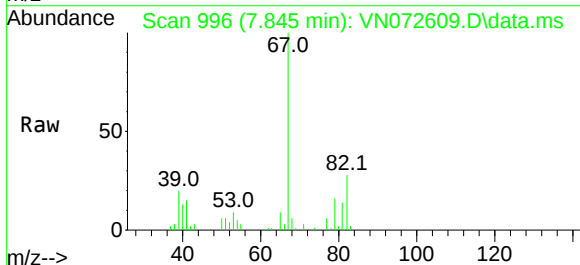
Instrument :
MSVOA_N
ClientSampleId :
MW-38

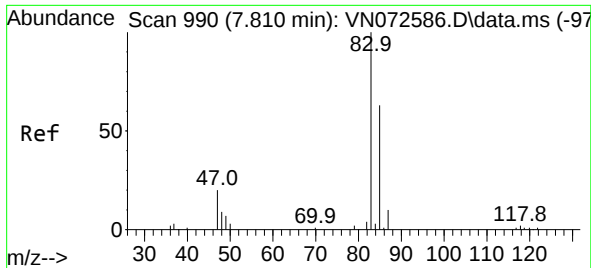
Tgt Ion: 77 Resp: 1902
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#29
Tetrahydrofuran
Concen: 0.854 ug/l
RT: 7.845 min Scan# 996
Delta R.T. 0.170 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 42 Resp: 684
Ion Ratio Lower Upper
42 100
72 0.0 39.7 59.5#
71 178.8 36.6 55.0#

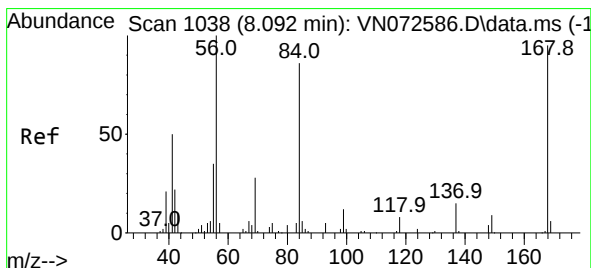
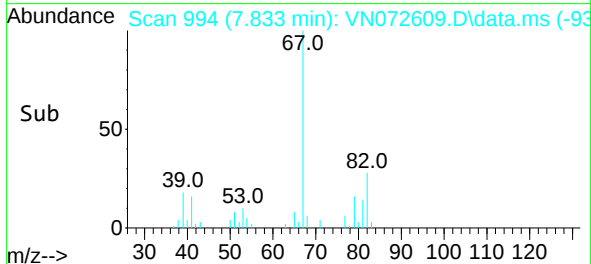
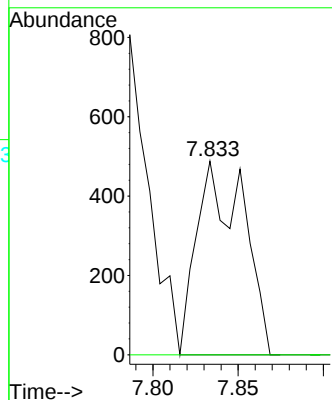
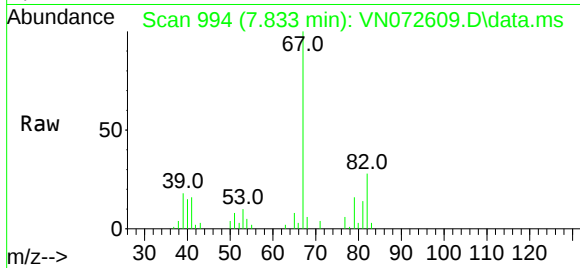




#30
Chloroform
Concen: 0.343 ug/l
RT: 7.833 min Scan# 994
Delta R.T. 0.023 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

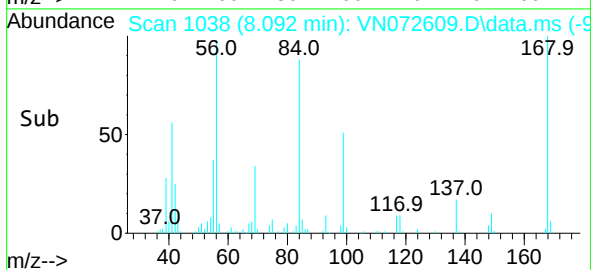
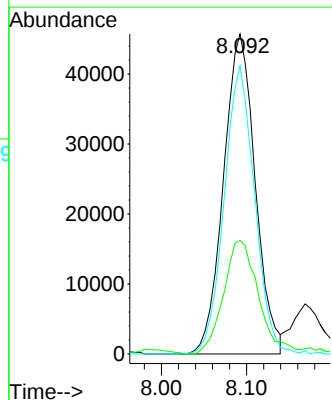
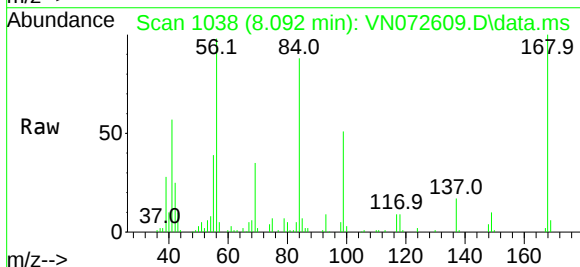
Instrument :
MSVOA_N
ClientSampleId :
MW-38

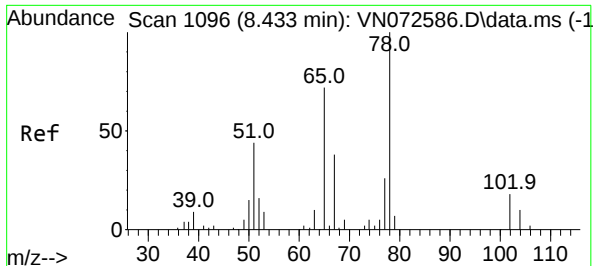
Tgt Ion: 83 Resp: 924
Ion Ratio Lower Upper
83 100
85 0.0 51.8 77.8#



#31
Cyclohexane
Concen: 48.129 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 56 Resp: 118346
Ion Ratio Lower Upper
56 100
69 35.0 27.8 41.8
84 89.9 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 56.536 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

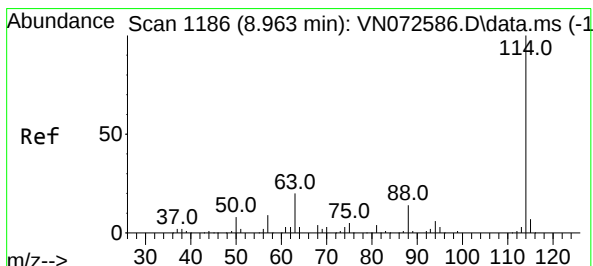
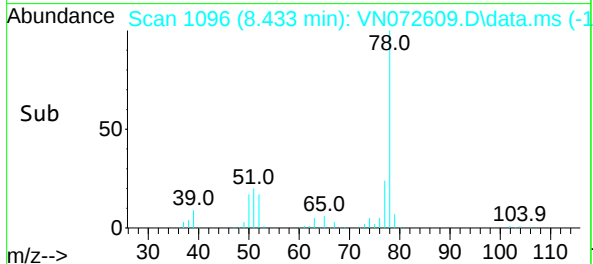
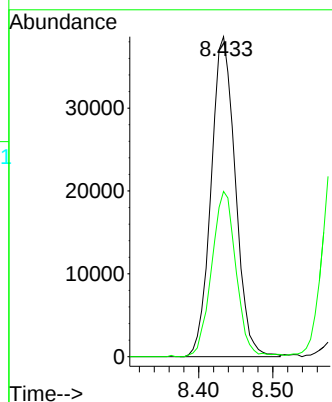
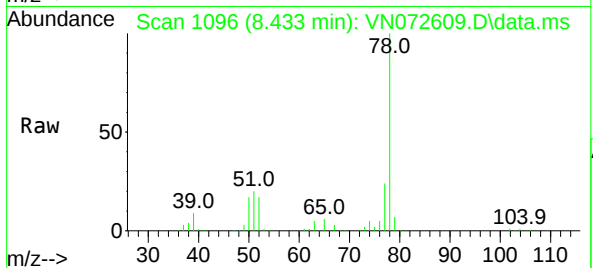
MW-38

Tgt Ion: 65 Resp: 87761

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

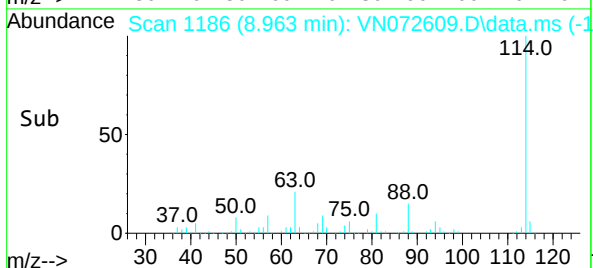
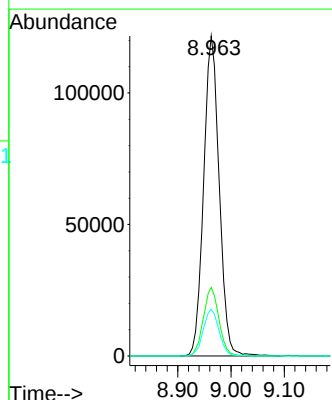
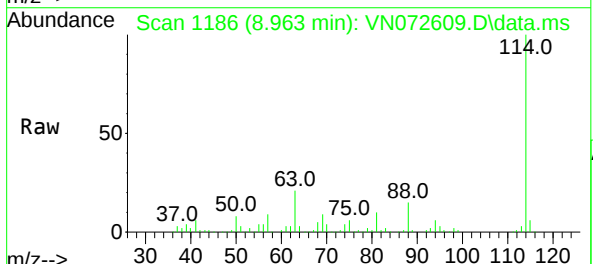
Tgt Ion: 114 Resp: 246665

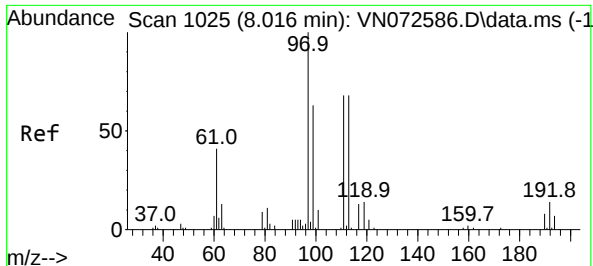
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

88 14.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.256 ug/l

RT: 8.016 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

MW-38

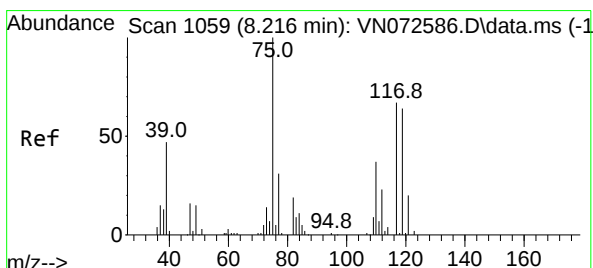
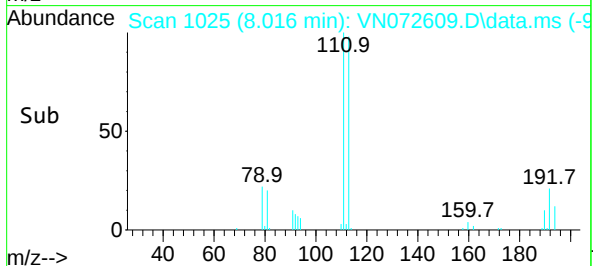
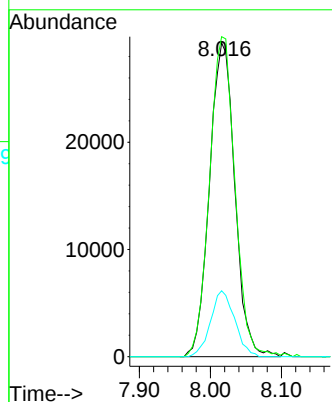
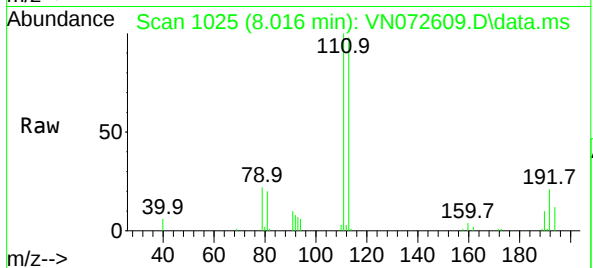
Tgt Ion:113 Resp: 72351

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

192 20.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.728 ug/l

RT: 8.075 min Scan# 1035

Delta R.T. -0.141 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

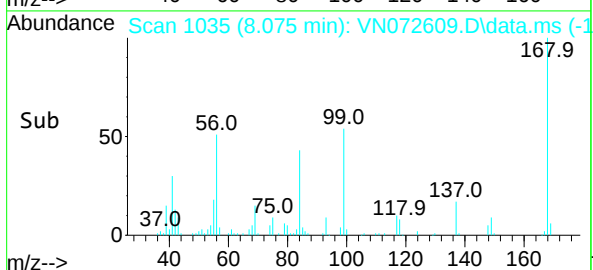
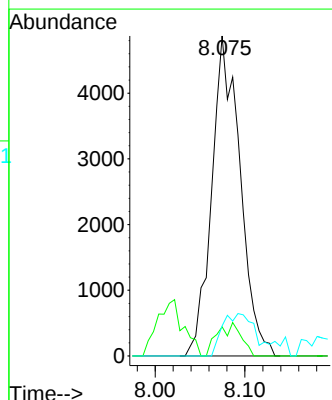
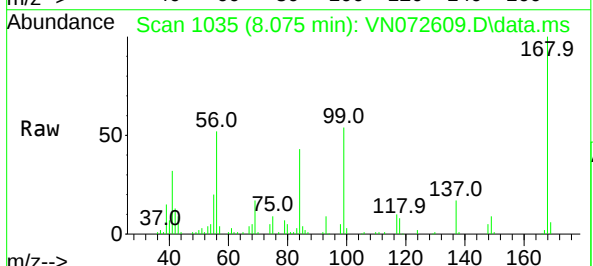
Tgt Ion: 75 Resp: 10693

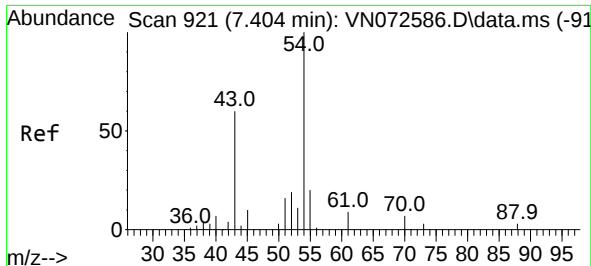
Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.742 ug/l

RT: 7.328 min Scan# 90

Delta R.T. -0.076 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

MW-38

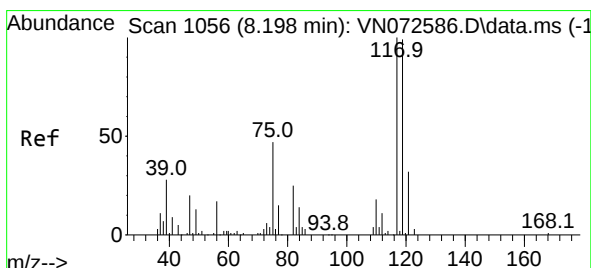
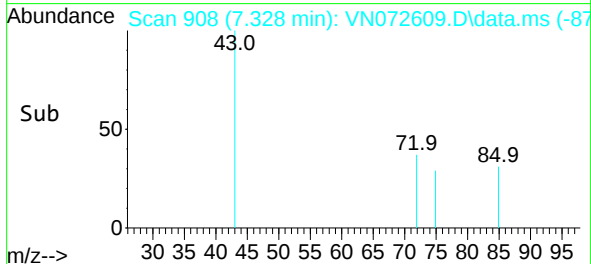
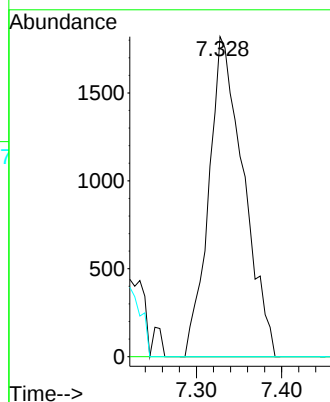
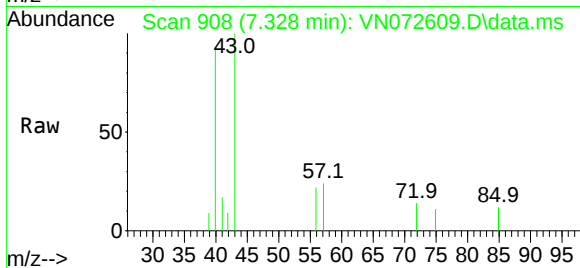
Tgt Ion: 43 Resp: 5151

Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

70 0.0 9.3 13.9#



#38

Carbon Tetrachloride

Concen: 5.604 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.117 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

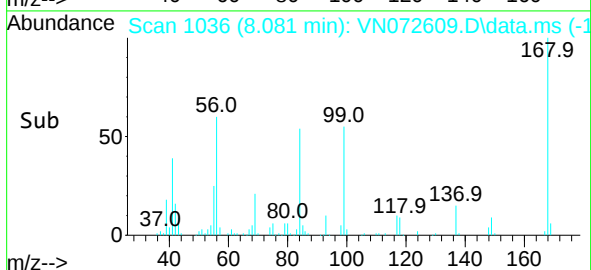
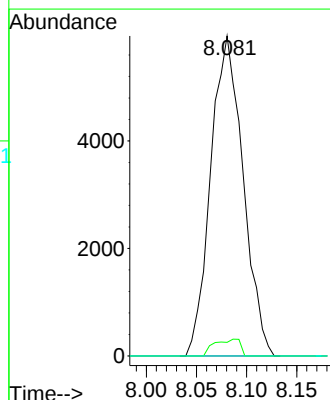
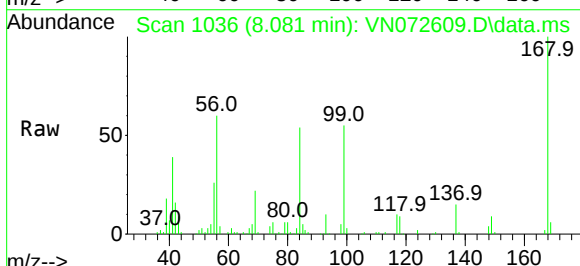
Tgt Ion: 117 Resp: 13379

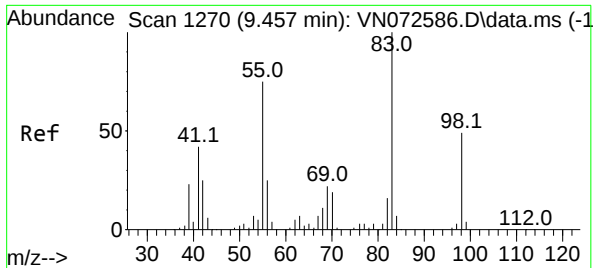
Ion Ratio Lower Upper

117 100

119 4.2 75.8 113.8#

121 0.0 24.6 37.0#

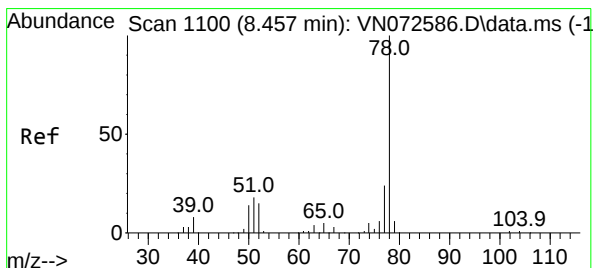
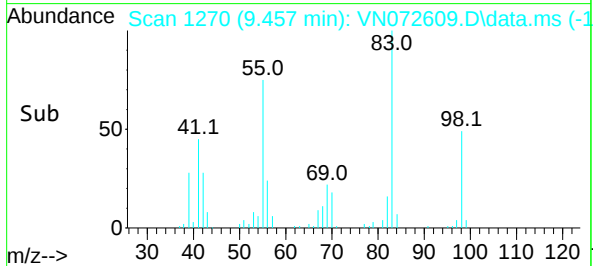
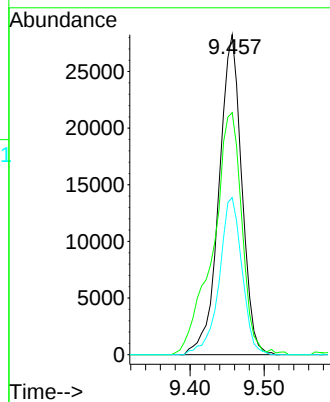
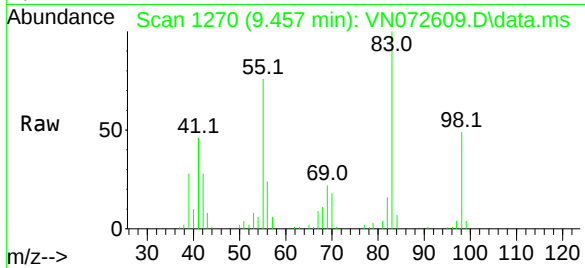




#39
Methylcyclohexane
Concen: 21.562 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

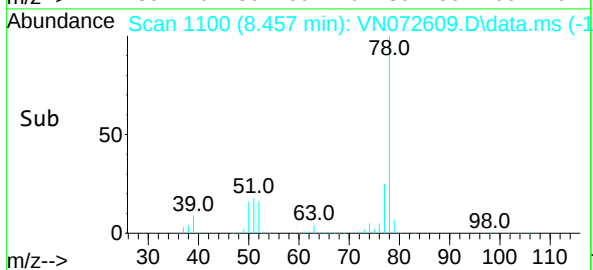
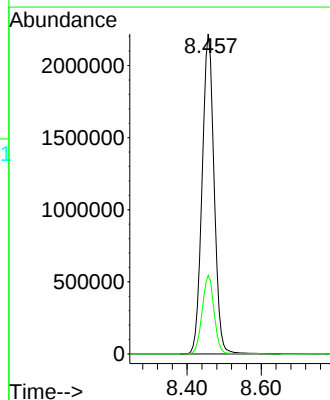
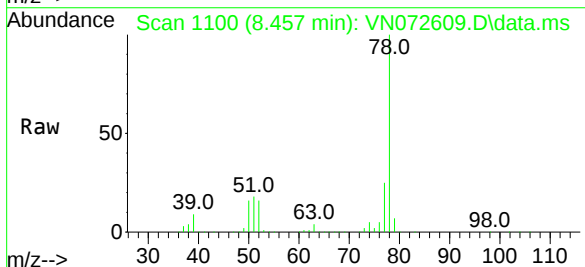
Instrument :
MSVOA_N
ClientSampleId :
MW-38

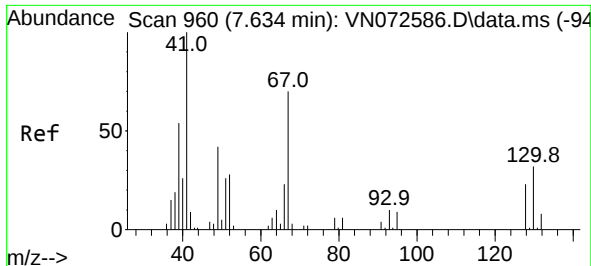
Tgt Ion: 83 Resp: 60094
Ion Ratio Lower Upper
83 100
55 74.9 57.8 86.8
98 49.1 39.4 59.2



#40
Benzene
Concen: 682.662 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 78 Resp: 4982415
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

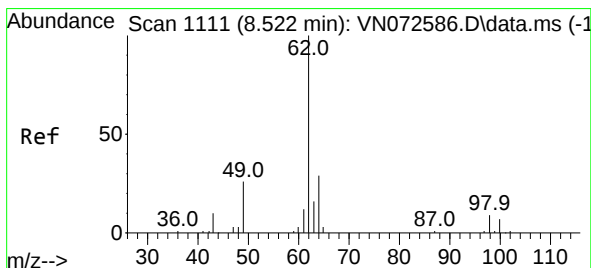
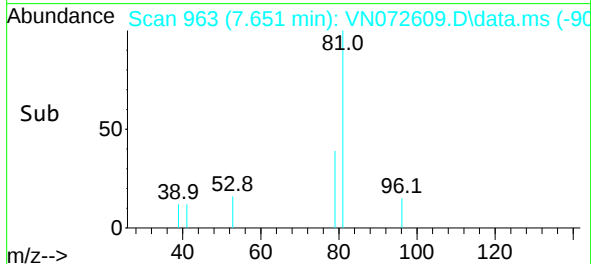
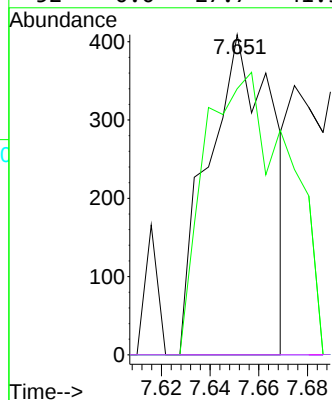
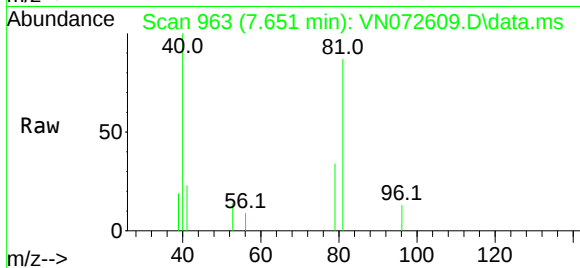




#41
Methacrylonitrile
Concen: 0.506 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.017 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

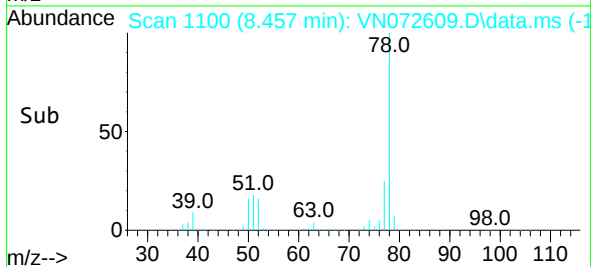
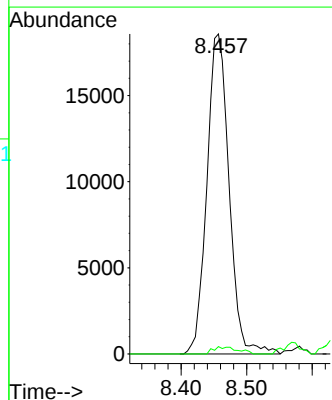
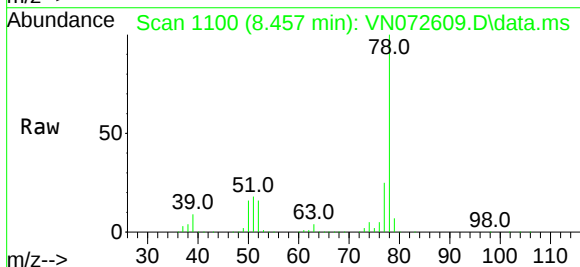
Instrument :
MSVOA_N
ClientSampleId :
MW-38

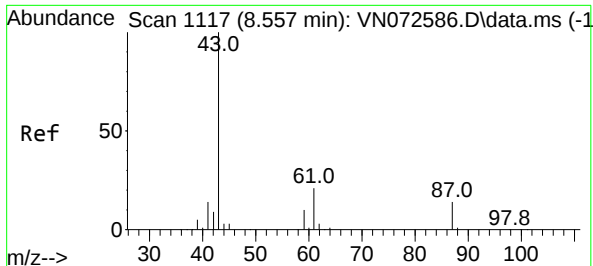
Tgt Ion: 41	Resp: 753
Ion Ratio	Lower Upper
41 100	
39 114.7	48.6 73.0#
67 0.0	73.4 110.2#
52 0.0	27.7 41.5#



#42
1,2-Dichloroethane
Concen: 18.476 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.065 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 62	Resp: 43688
Ion Ratio	Lower Upper
62 100	
98 2.4	0.0 19.4





#43

Isopropyl Acetate

Concen: 3.821 ug/l

RT: 8.522 min Scan# 1111

Delta R.T. -0.035 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

MW-38

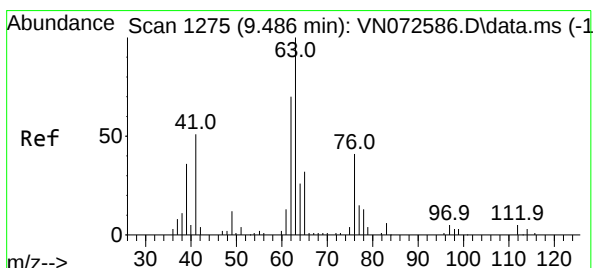
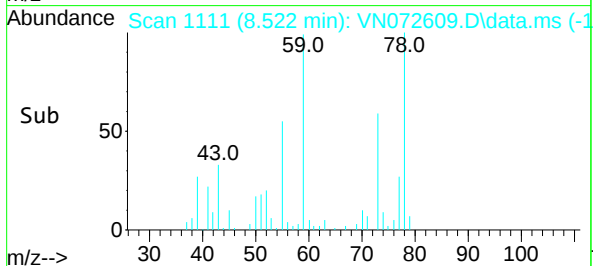
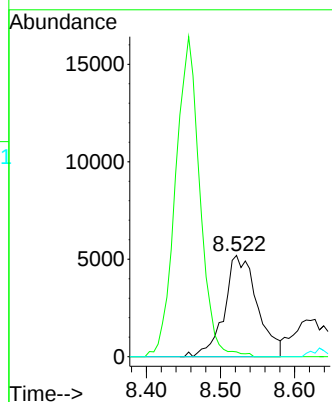
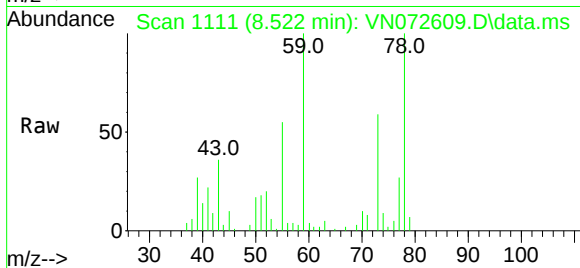
Tgt Ion: 43 Resp: 16021

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#45

1,2-Dichloropropane

Concen: 0.325 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. -0.029 min

Lab File: VN072609.D

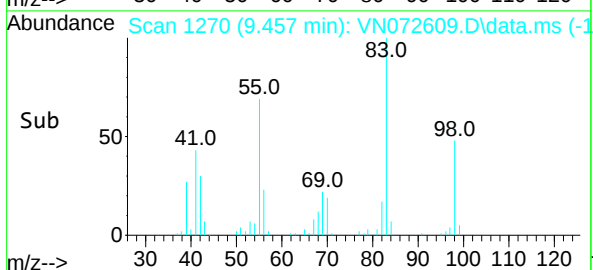
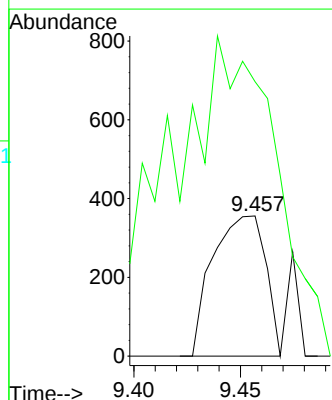
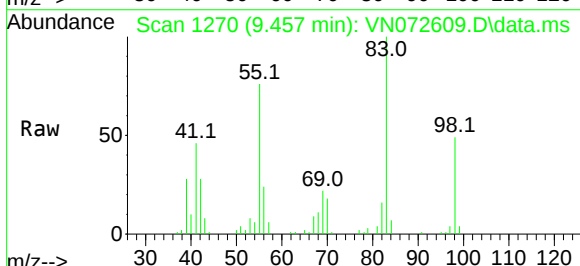
Acq: 25 May 2022 00:32

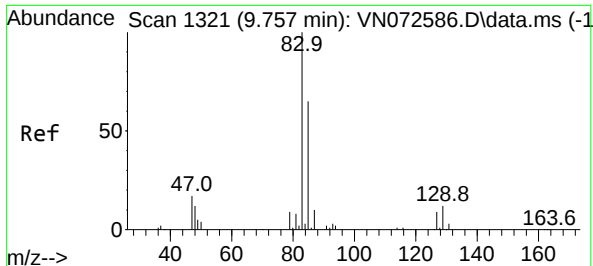
Tgt Ion: 63 Resp: 616

Ion Ratio Lower Upper

63 100

65 85.4 24.9 37.3#

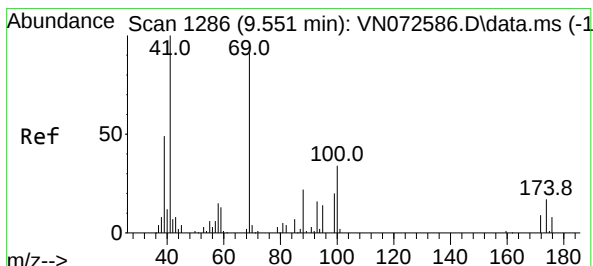
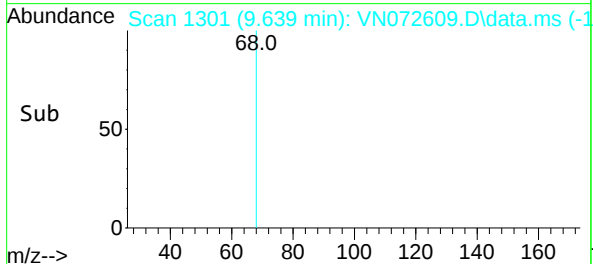
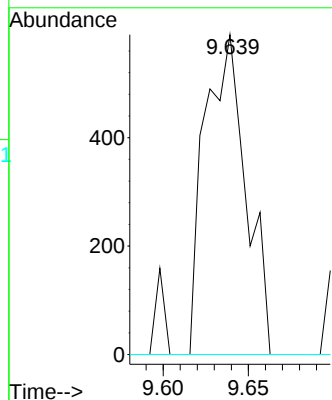
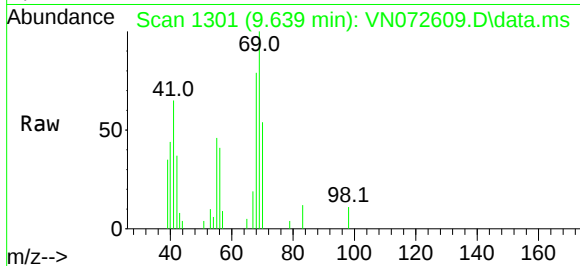




#47
Bromodichloromethane
Concen: 0.403 ug/l
RT: 9.639 min Scan# 11
Delta R.T. -0.118 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

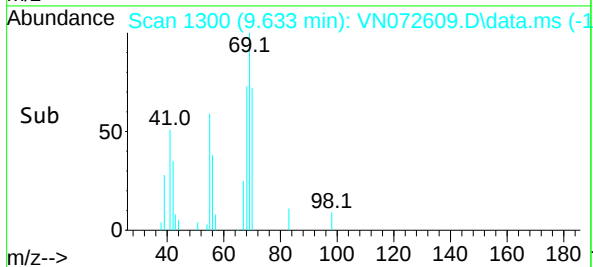
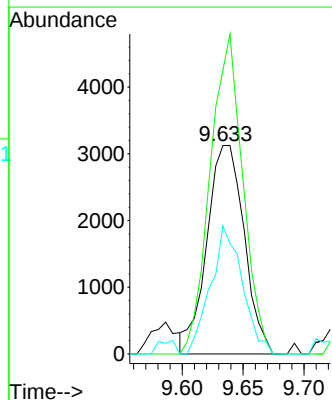
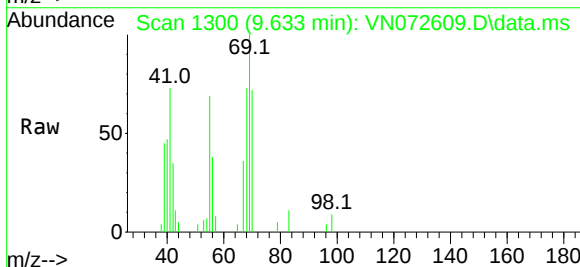
Instrument :
MSVOA_N
ClientSampleId :
MW-38

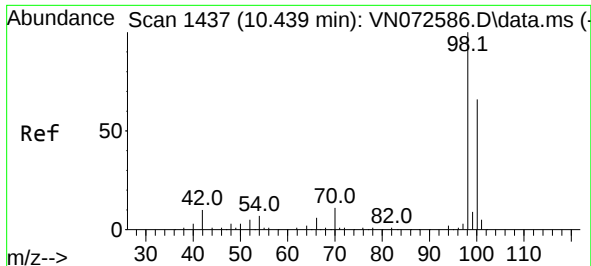
Tgt Ion: 83 Resp: 993
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 3.259 ug/l
RT: 9.633 min Scan# 1300
Delta R.T. 0.082 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 41 Resp: 6646
Ion Ratio Lower Upper
41 100
69 134.4 74.7 112.1#
39 52.4 45.6 68.4

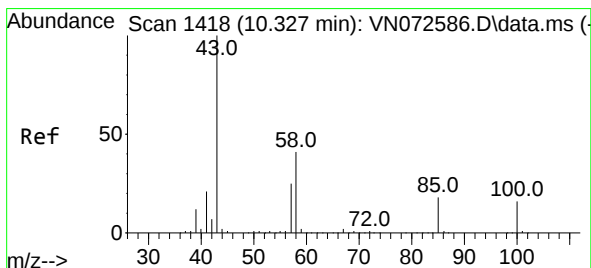
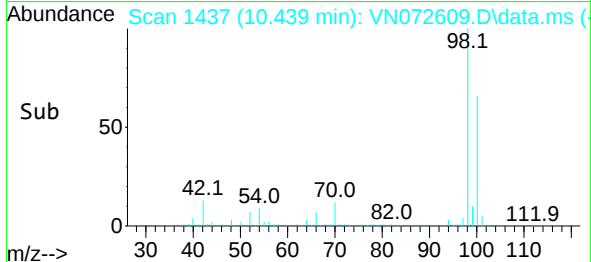
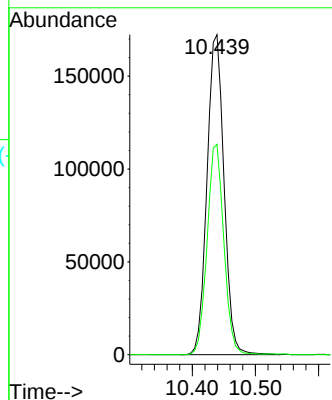
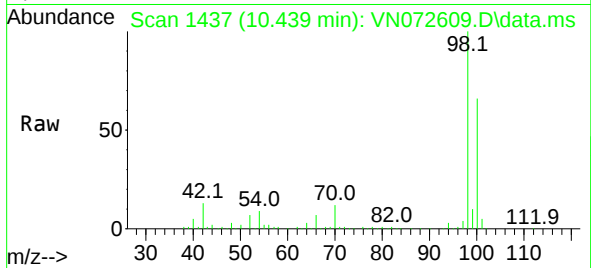




#50
Toluene-d8
Concen: 52.817 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

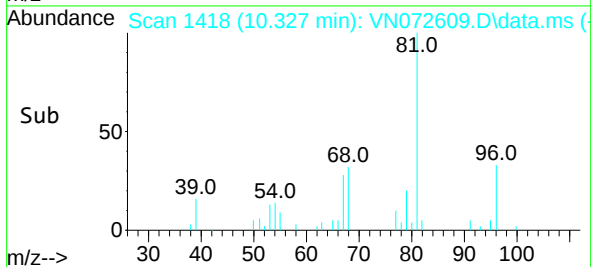
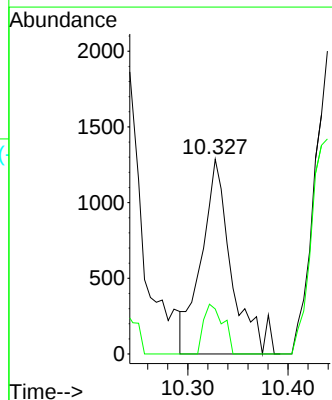
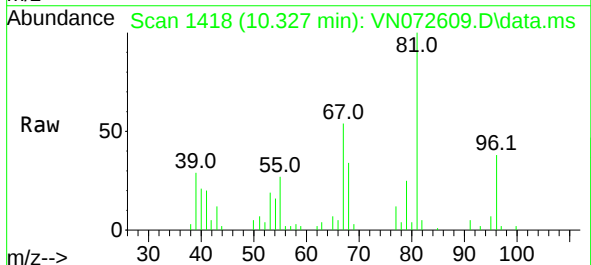
Instrument :
MSVOA_N
ClientSampleId :
MW-38

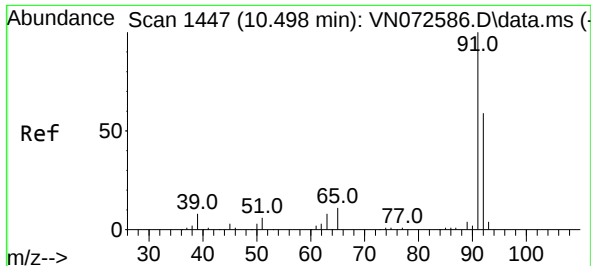
Tgt Ion: 98 Resp: 322416
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.939 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 43 Resp: 2694
Ion Ratio Lower Upper
43 100
58 16.7 34.1 51.1#

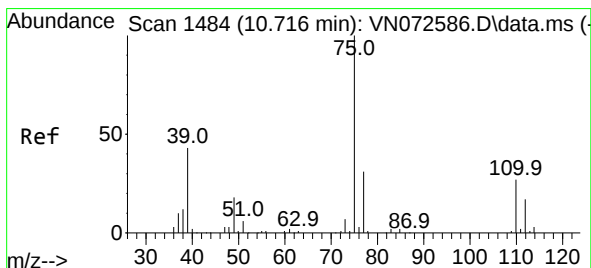
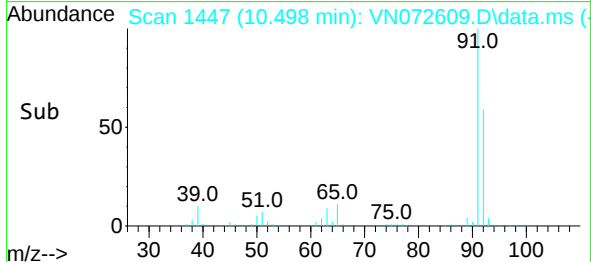
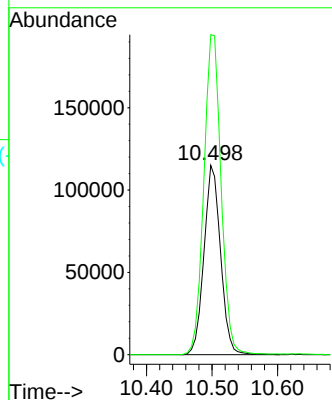
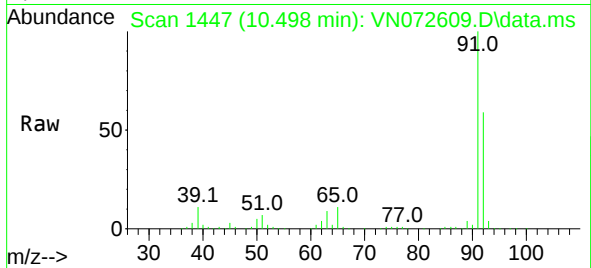




#52
Toluene
Concen: 43.824 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

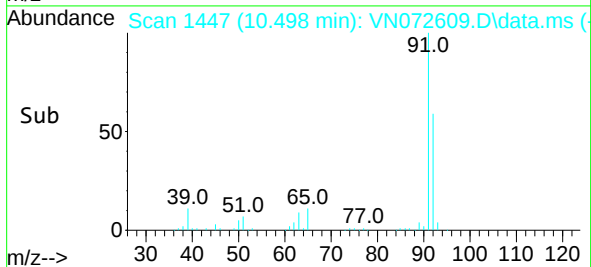
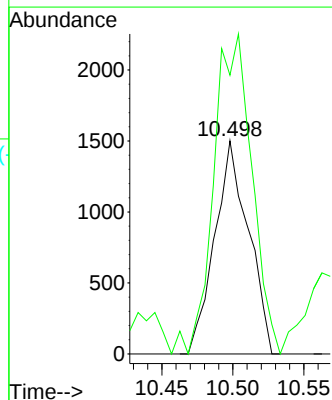
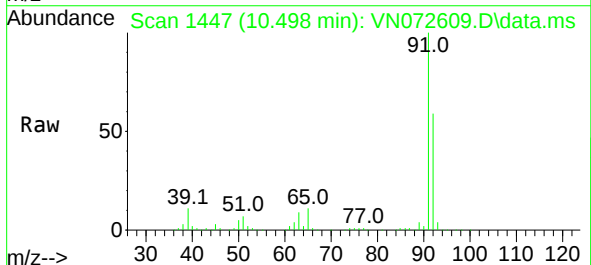
Instrument :
MSVOA_N
ClientSampleId :
MW-38

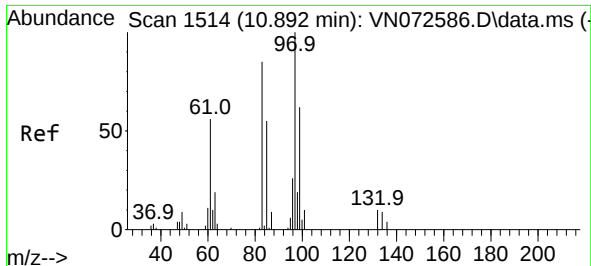
Tgt Ion: 92 Resp: 202550
Ion Ratio Lower Upper
92 100
91 176.3 138.6 207.8



#53
t-1,3-Dichloropropene
Concen: 0.986 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.218 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 75 Resp: 2484
Ion Ratio Lower Upper
75 100
77 130.8 25.6 38.4#

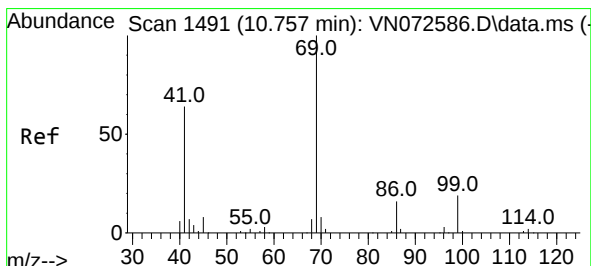
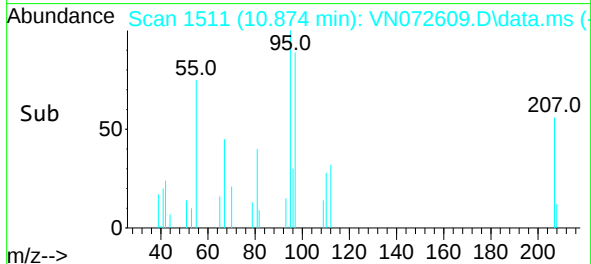
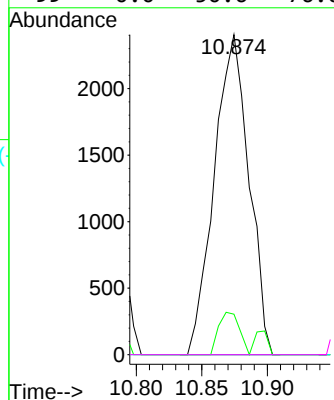
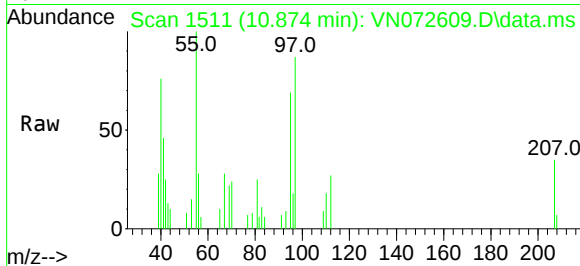




#55
1,1,2-Trichloroethane
Concen: 2.305 ug/l
RT: 10.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

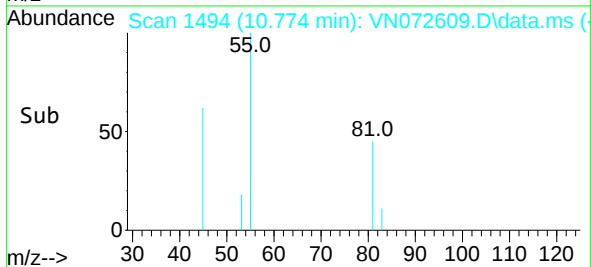
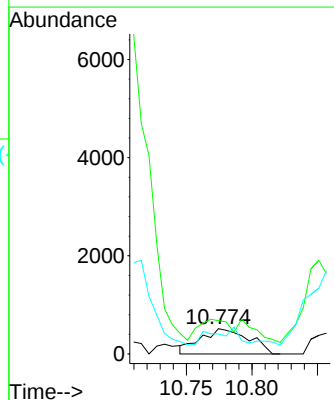
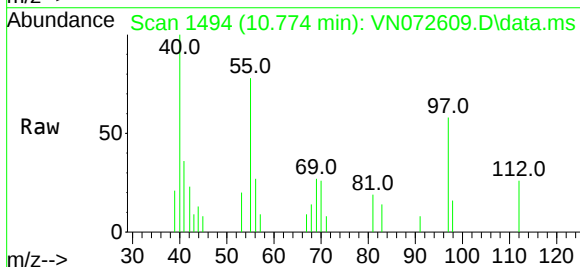
Instrument :
MSVOA_N
ClientSampleId :
MW-38

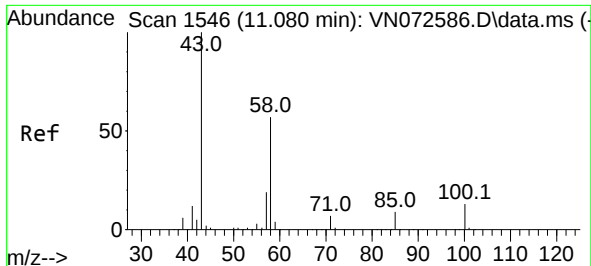
Tgt Ion:	97	Resp:	4420
Ion	Ratio	Lower	Upper
97	100		
83	12.6	66.2	99.4#
85	0.0	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.444 ug/l
RT: 10.774 min Scan# 1494
Delta R.T. 0.017 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion:	69	Resp:	1311
Ion	Ratio	Lower	Upper
69	100		
41	53.3	47.8	71.6
39	0.0	27.3	40.9#

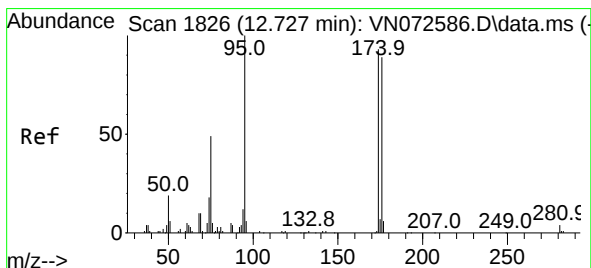
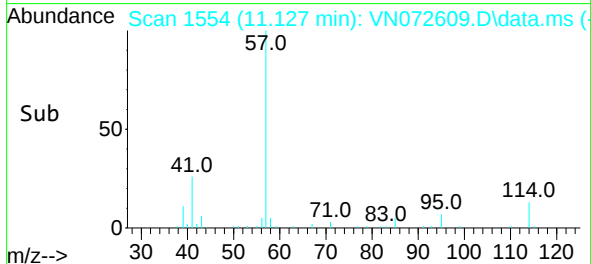
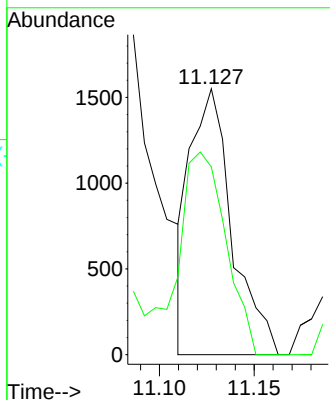
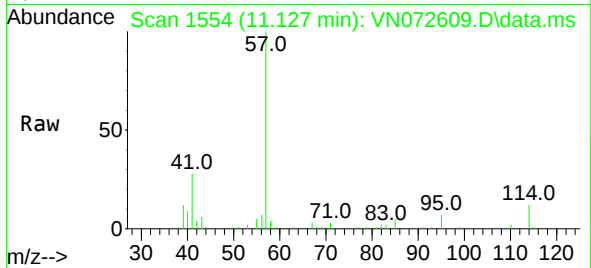




#59
2-Hexanone
Concen: 1.176 ug/l
RT: 11.127 min Scan# 1154
Delta R.T. 0.047 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

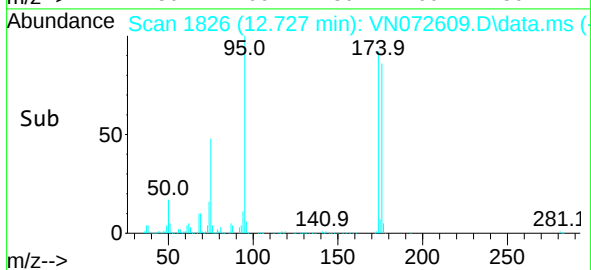
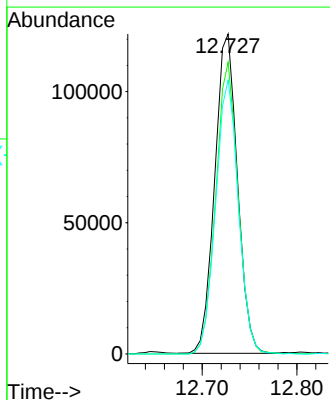
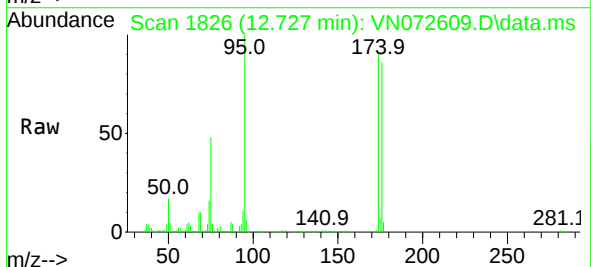
Instrument :
MSVOA_N
ClientSampleId :
MW-38

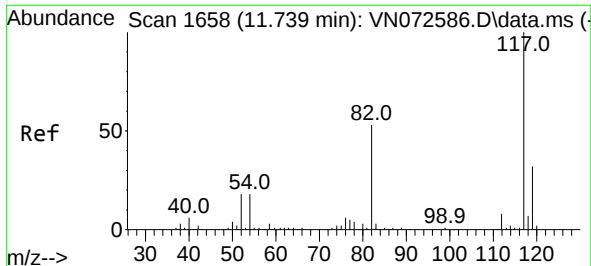
Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 78.6 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 102.291 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 95 Resp: 203087
Ion Ratio Lower Upper
95 100
174 89.9 0.0 167.6
176 85.8 0.0 163.4

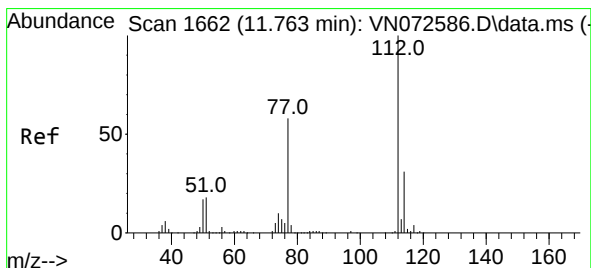
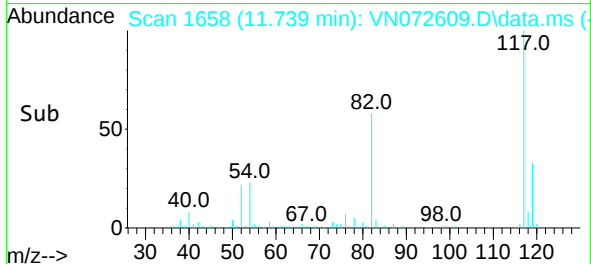
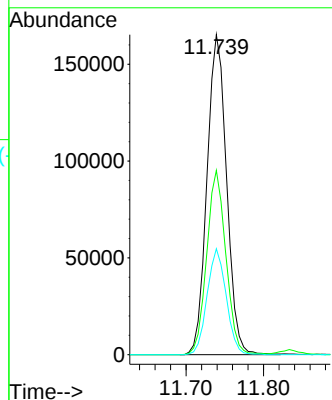
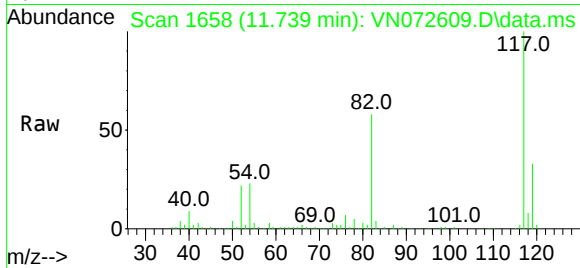




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

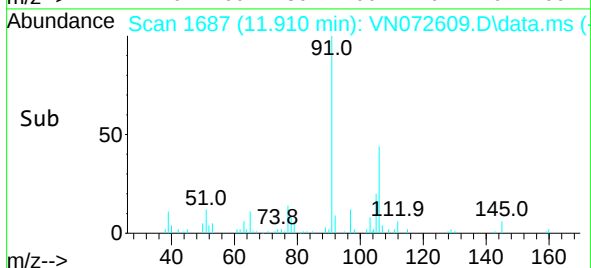
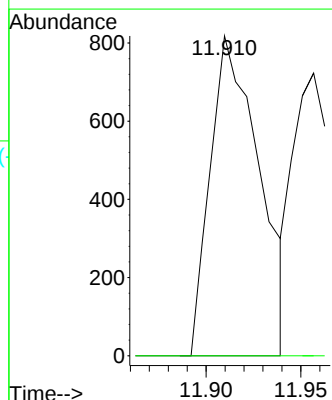
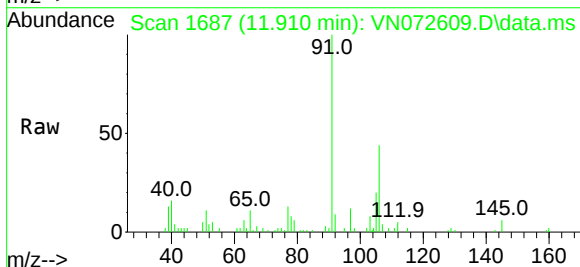
Instrument :
MSVOA_N
ClientSampleId :
MW-38

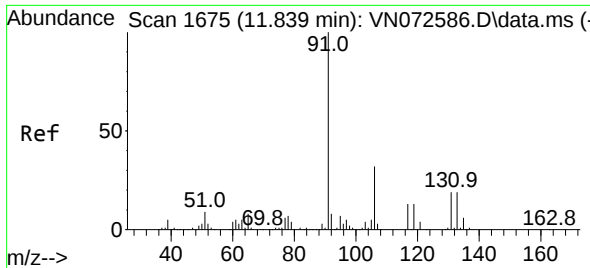
Tgt Ion:117 Resp: 290698
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.2
119 33.1 25.4 38.0



#65
Chlorobenzene
Concen: 0.226 ug/l
RT: 11.910 min Scan# 1687
Delta R.T. 0.147 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion:112 Resp: 1471
Ion Ratio Lower Upper
112 100
114 0.0 25.4 38.2#

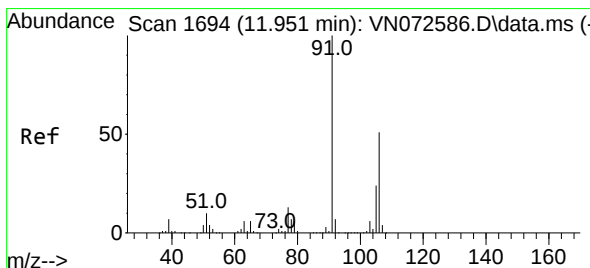
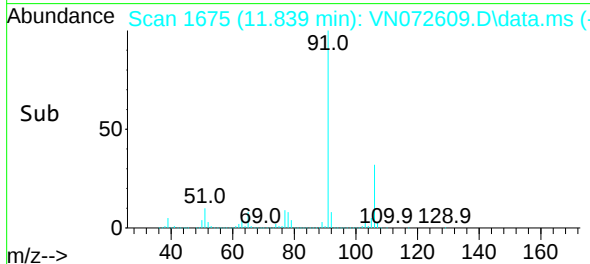
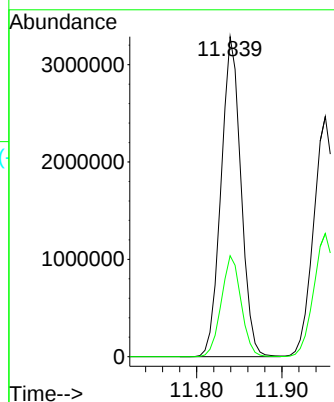
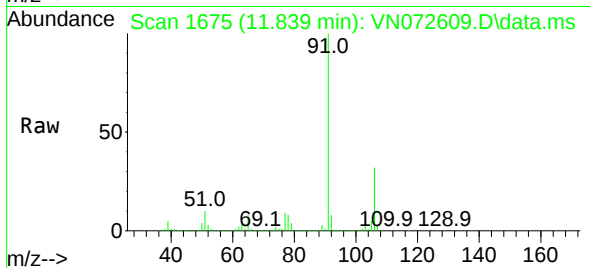




#67
Ethyl Benzene
Concen: 482.009 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

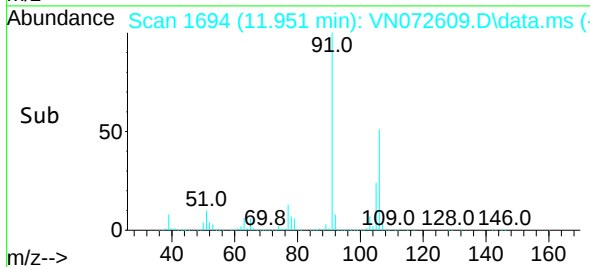
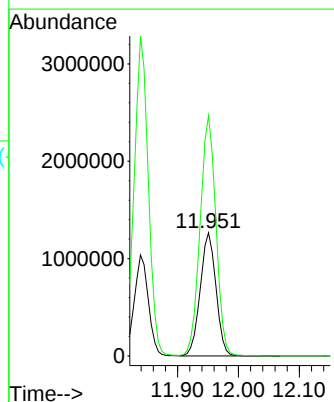
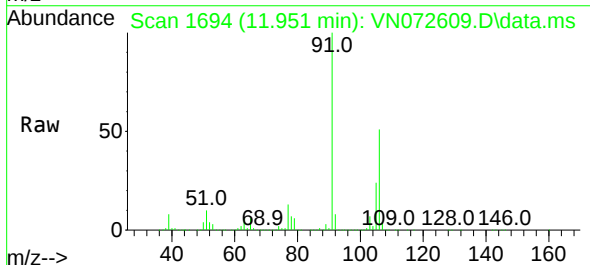
Instrument :
MSVOA_N
ClientSampleId :
MW-38

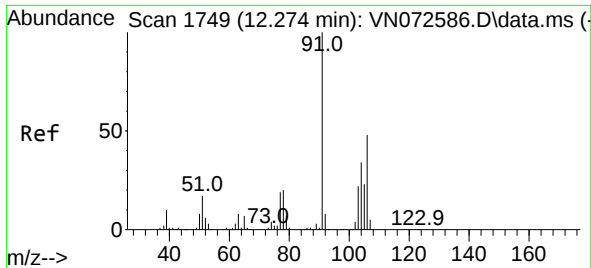
Tgt Ion: 91 Resp: 5336726
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3



#68
m/p-Xylenes
Concen: 537.160 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion:106 Resp: 2266916
Ion Ratio Lower Upper
106 100
91 196.5 158.9 238.3

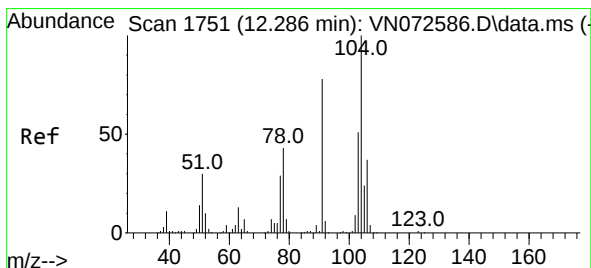
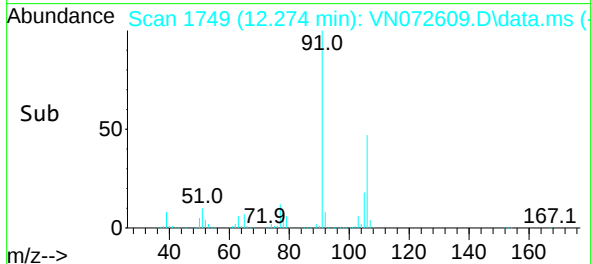
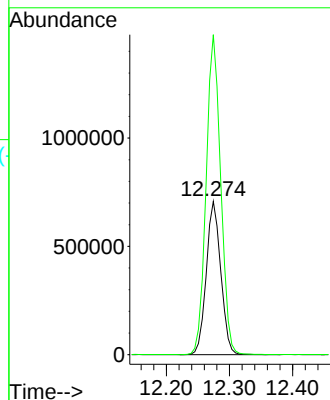
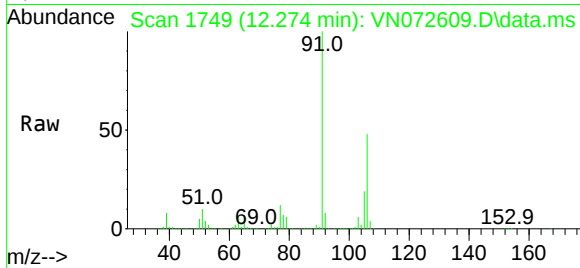




#69
o-Xylene
Concen: 276.488 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

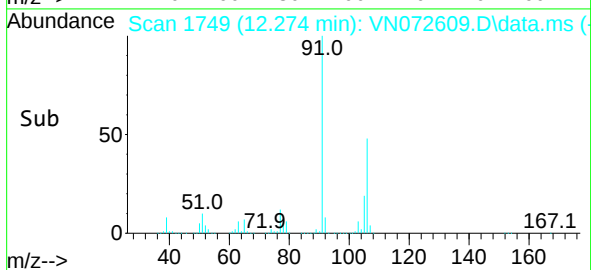
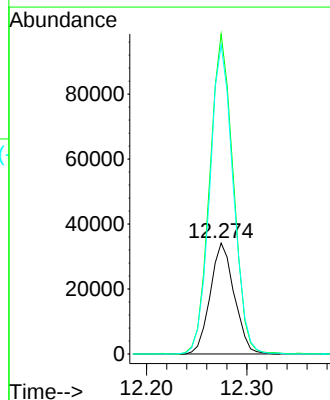
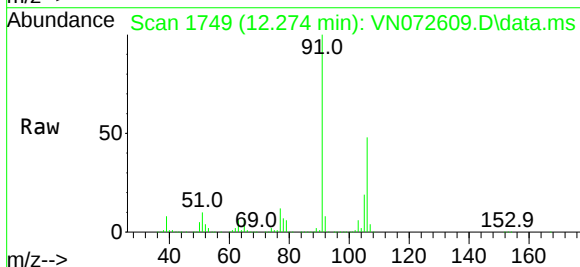
Instrument :
MSVOA_N
ClientSampleId :
MW-38

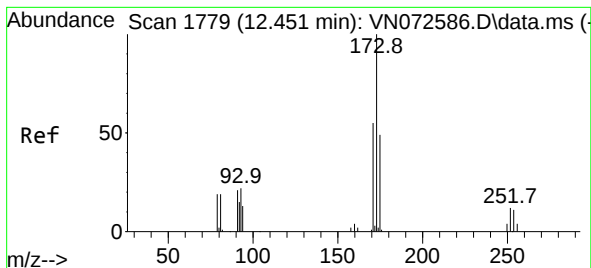
Tgt Ion:106 Resp: 1127961
Ion Ratio Lower Upper
106 100
91 209.6 106.0 318.0



#70
Styrene
Concen: 8.577 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion:104 Resp: 56626
Ion Ratio Lower Upper
104 100
78 282.7 39.5 59.3#
103 273.8 44.0 66.0#





#71

Bromoform

Concen: 0.604 ug/l

RT: 12.721 min Scan# 1825

Delta R.T. 0.270 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

MW-38

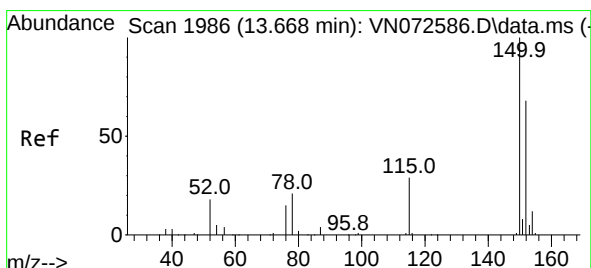
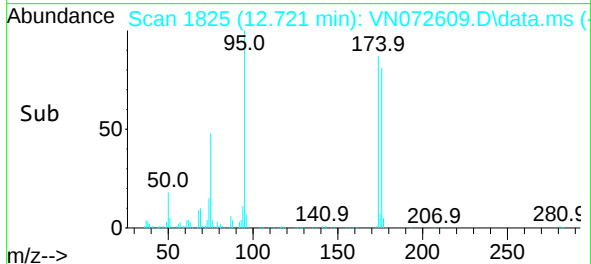
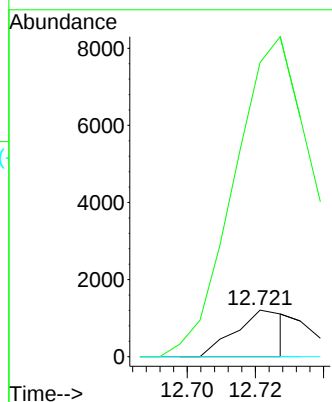
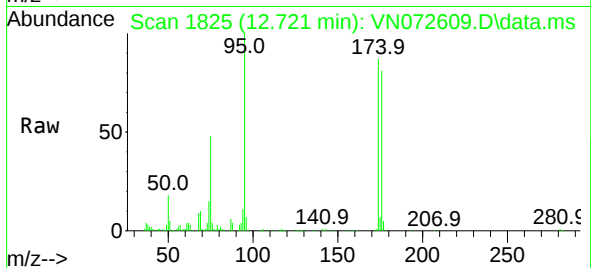
Tgt Ion:173 Resp: 1220

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: 13.668 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

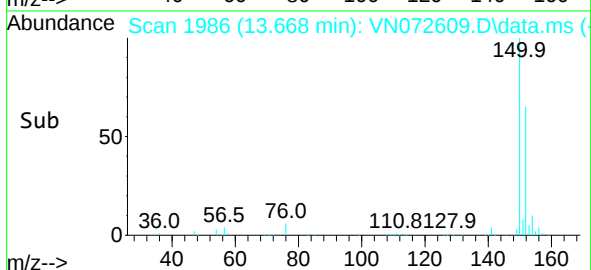
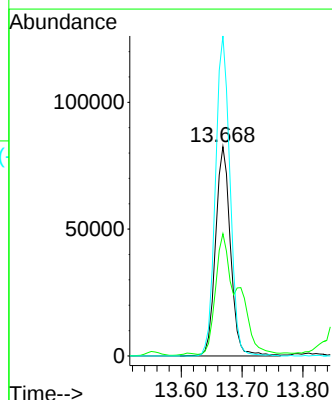
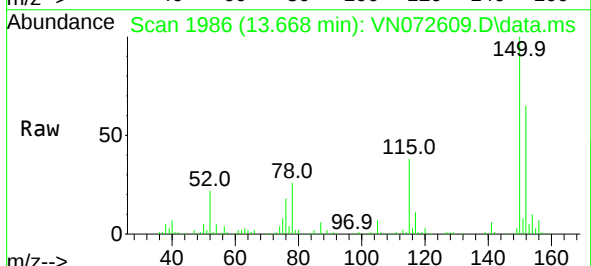
Tgt Ion:152 Resp: 140617

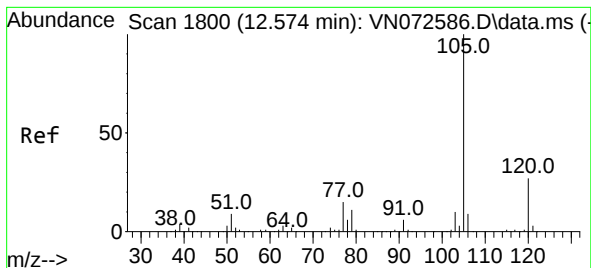
Ion Ratio Lower Upper

152 100

115 84.8 28.9 86.7

150 148.6 0.0 356.2





#73

Isopropylbenzene

Concen: 32.484 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

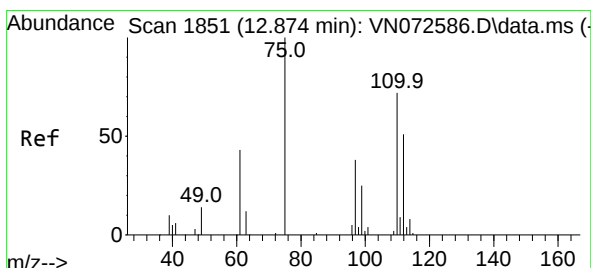
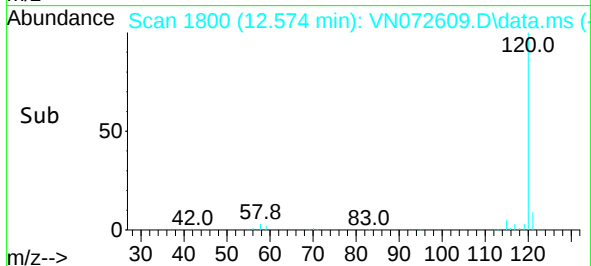
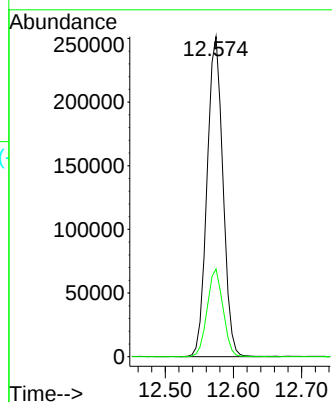
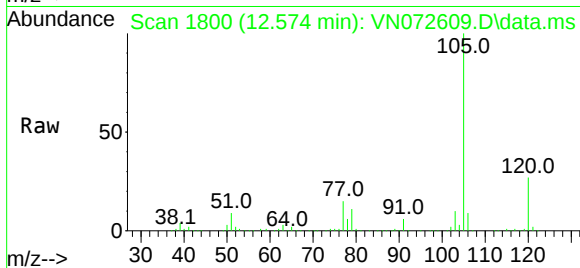
MW-38

Tgt Ion:105 Resp: 406885

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 1.775 ug/l

RT: 12.915 min Scan# 1858

Delta R.T. 0.041 min

Lab File: VN072609.D

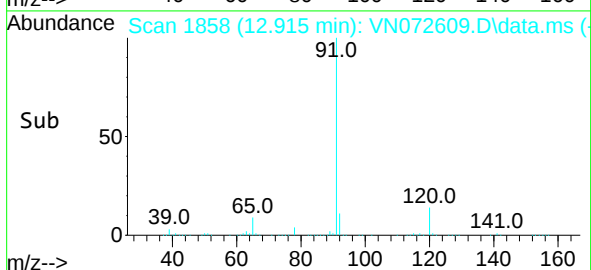
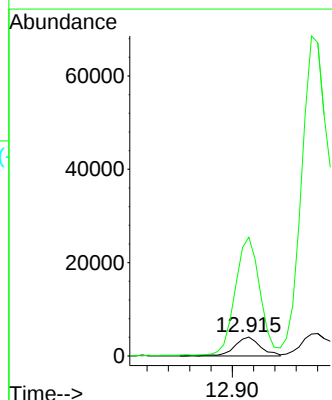
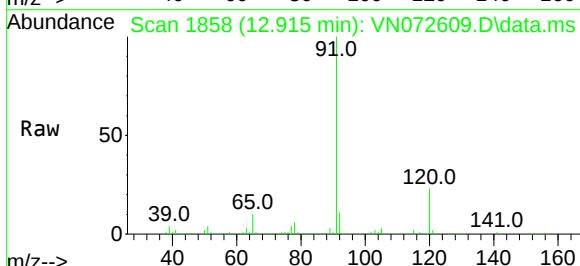
Acq: 25 May 2022 00:32

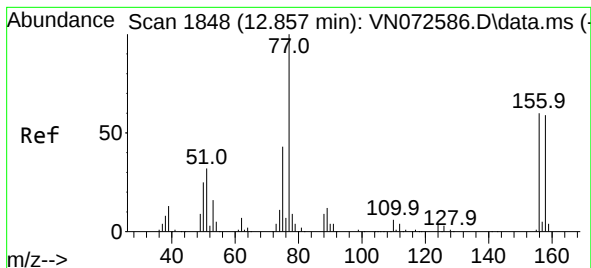
Tgt Ion: 75 Resp: 6776

Ion Ratio Lower Upper

75 100

77 605.2 98.5 295.5#





#77

Bromobenzene

Concen: 3.047 ug/l

RT: 12.927 min Scan# 1860

Delta R.T. 0.070 min

Lab File: VN072609.D

Acq: 25 May 2022 00:32

Instrument :

MSVOA_N

ClientSampleId :

MW-38

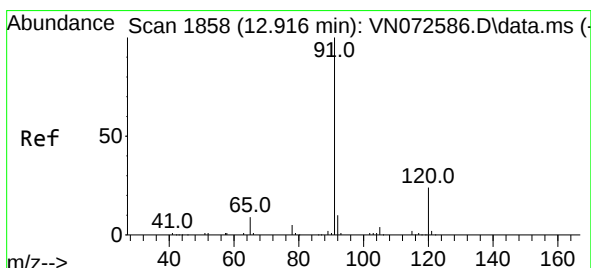
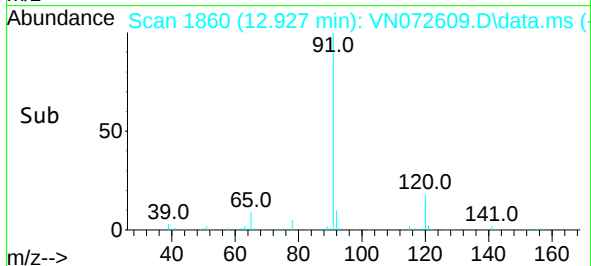
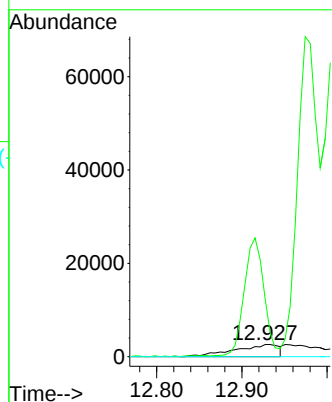
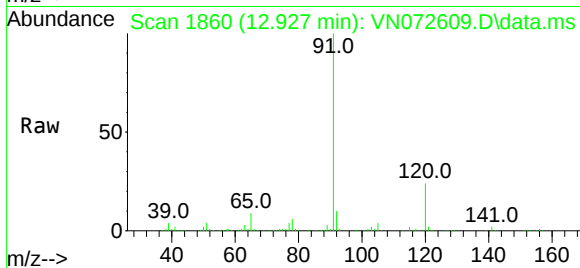
Tgt Ion:156 Resp: 9468

Ion Ratio Lower Upper

156 100

77 433.1 100.5 301.5#

158 0.0 48.9 146.6#



#78

n-propylbenzene

Concen: 80.961 ug/l

RT: 12.915 min Scan# 1858

Delta R.T. -0.001 min

Lab File: VN072609.D

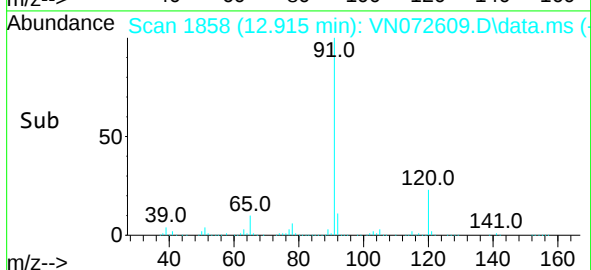
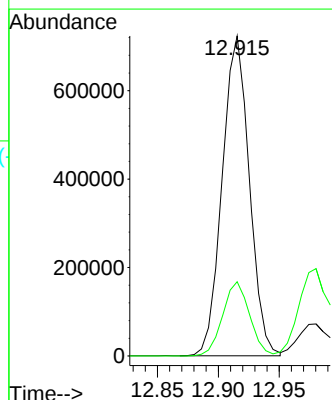
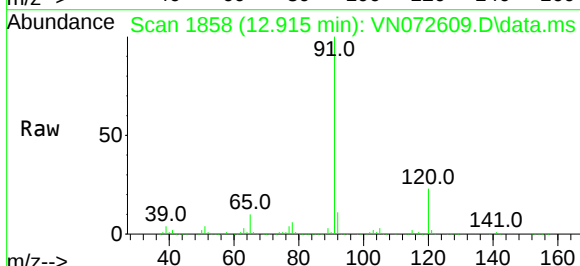
Acq: 25 May 2022 00:32

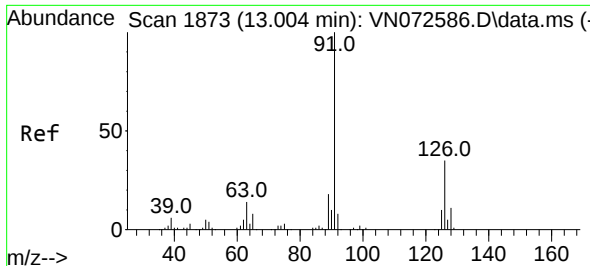
Tgt Ion: 91 Resp: 1124462

Ion Ratio Lower Upper

91 100

120 23.0 11.9 35.5

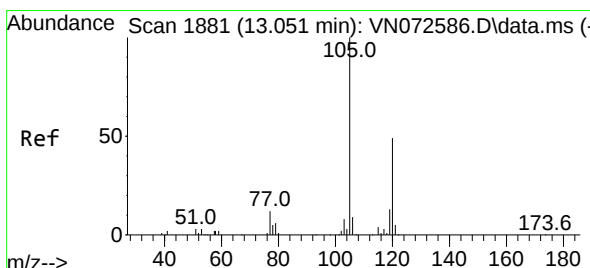
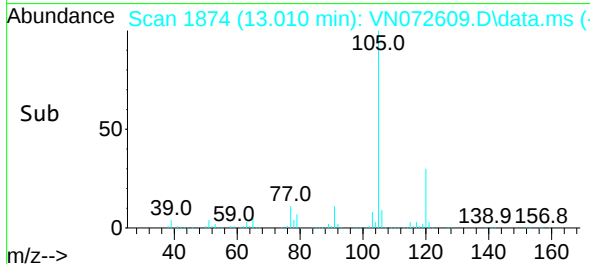
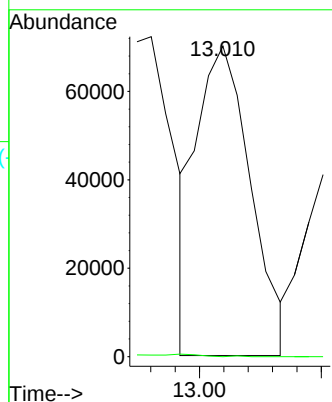
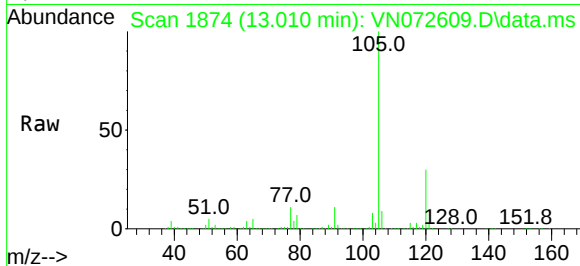




#79
2-Chlorotoluene
Concen: 12.638 ug/l
RT: 13.010 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

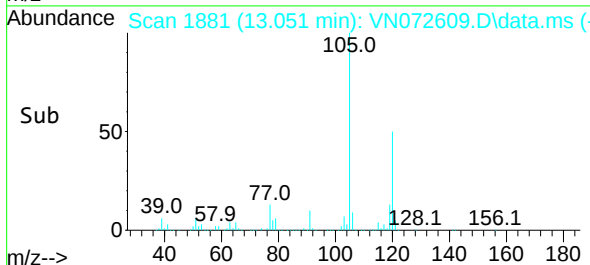
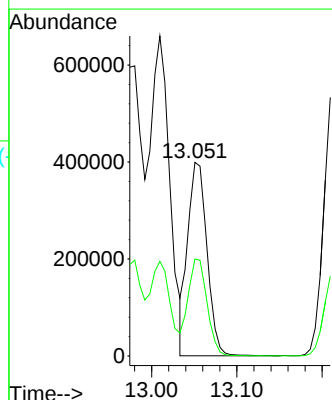
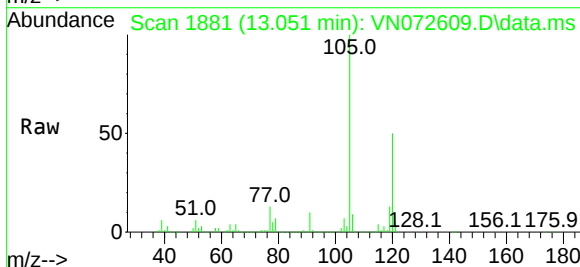
Instrument :
MSVOA_N
ClientSampleId :
MW-38

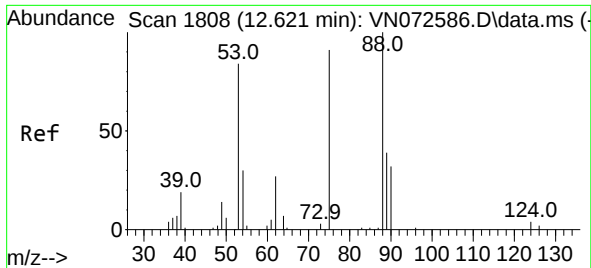
Tgt Ion: 91 Resp: 108437
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 64.416 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 105 Resp: 627589
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7

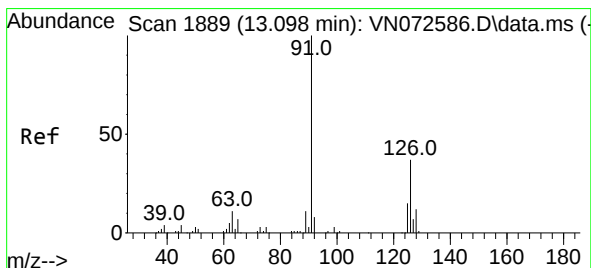
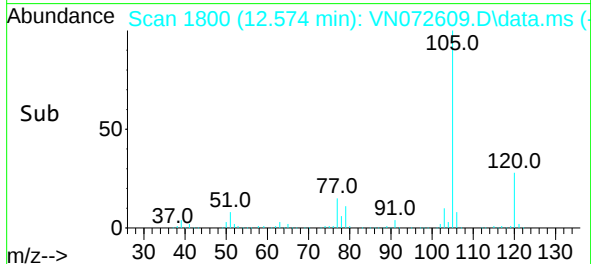
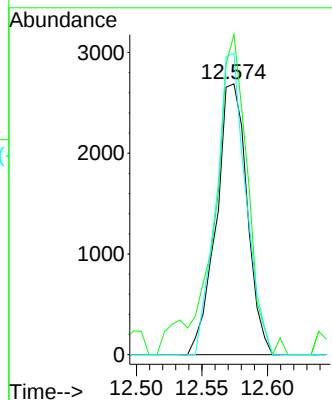
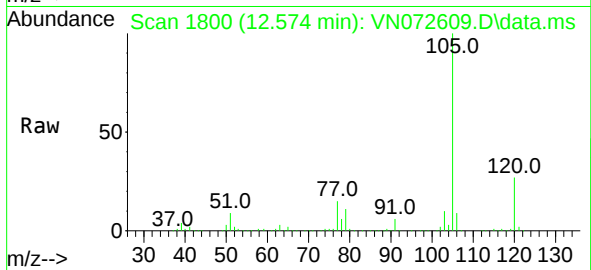




#81
trans-1,4-Dichloro-2-butene
Concen: 3.371 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.047 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

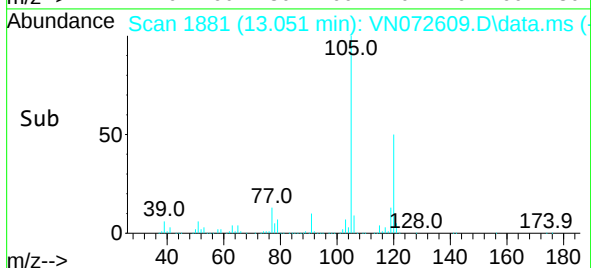
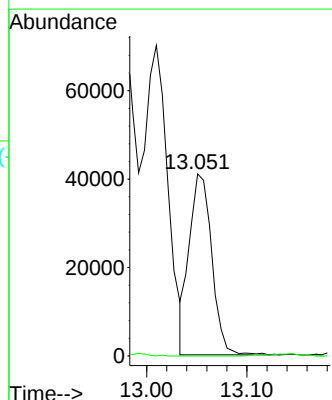
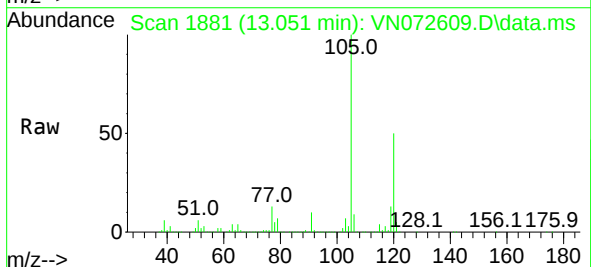
Instrument :
MSVOA_N
ClientSampleId :
MW-38

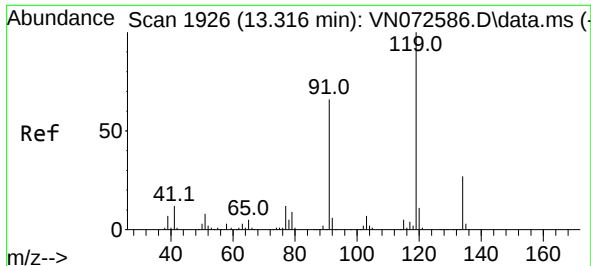
Tgt Ion: 75 Resp: 4385
Ion Ratio Lower Upper
75 100
53 128.5 78.0 117.0#
89 107.5 37.2 55.8#



#82
4-Chlorotoluene
Concen: 8.150 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.047 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 91 Resp: 63948
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

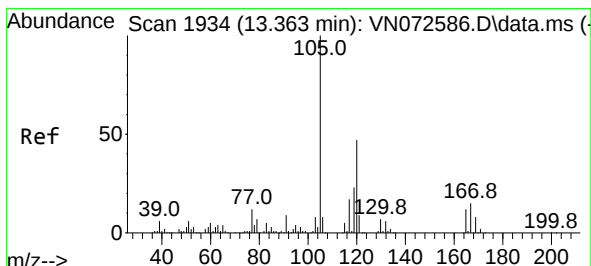
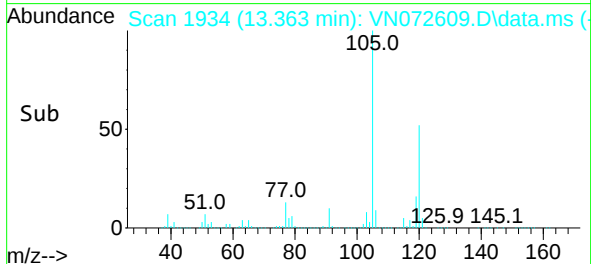
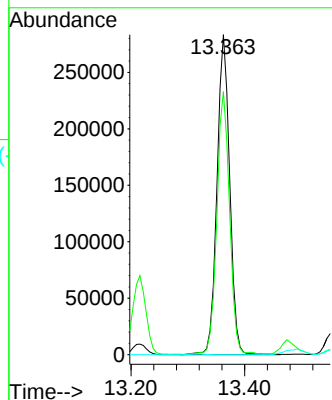
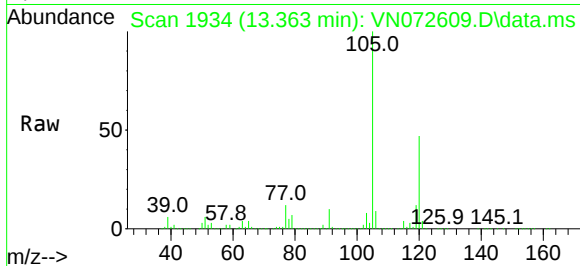




#83
tert-Butylbenzene
Concen: 48.330 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.046 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

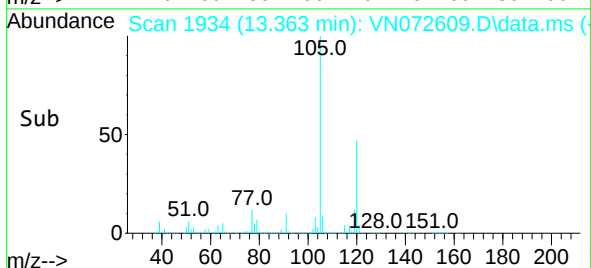
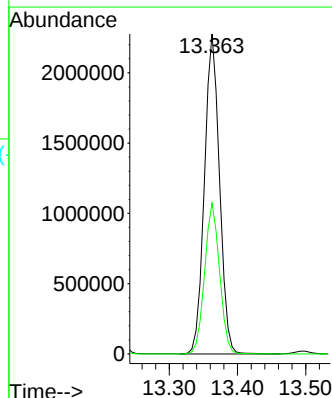
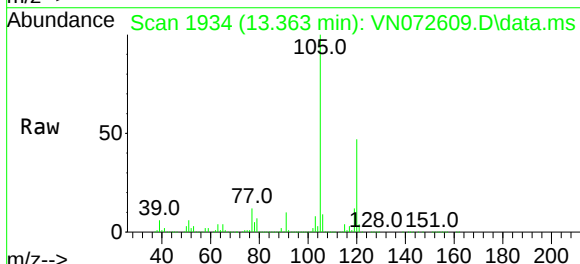
Instrument :
MSVOA_N
ClientSampleId :
MW-38

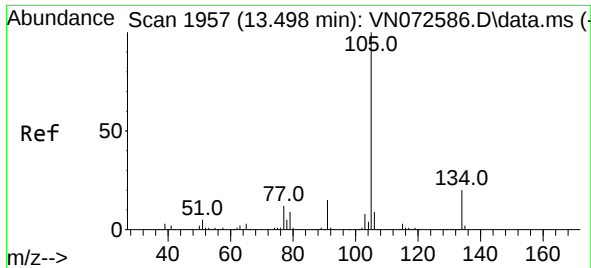
Tgt Ion:119 Resp: 438488
Ion Ratio Lower Upper
119 100
91 82.2 31.6 94.8
134 0.0 13.7 41.1#



#84
1,2,4-Trimethylbenzene
Concen: 365.747 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion:105 Resp: 3494340
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8

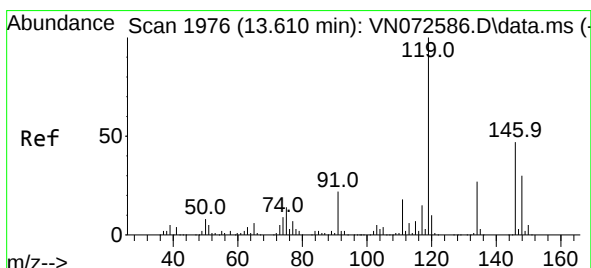
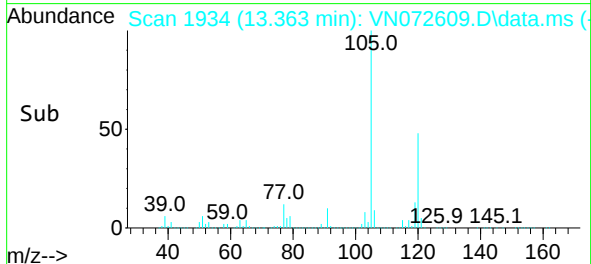
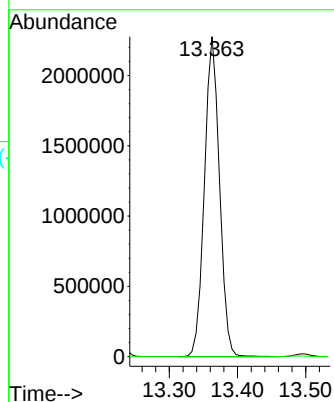
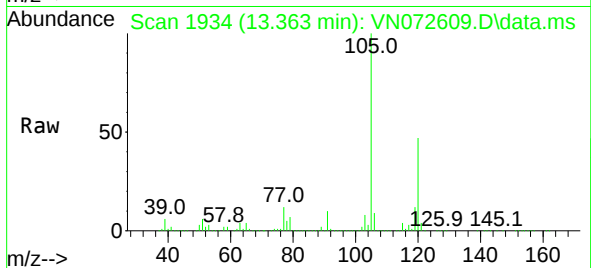




#85
 sec-Butylbenzene
 Concen: 288.007 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.135 min
 Lab File: VN072609.D
 Acq: 25 May 2022 00:32

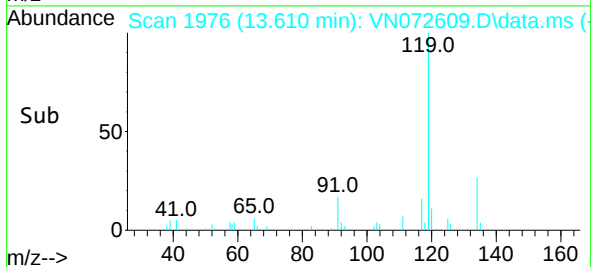
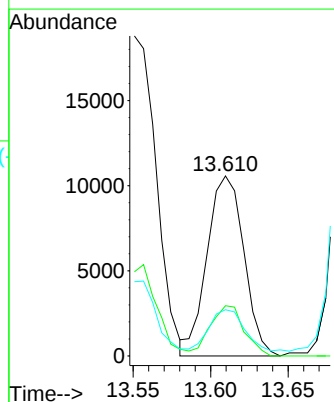
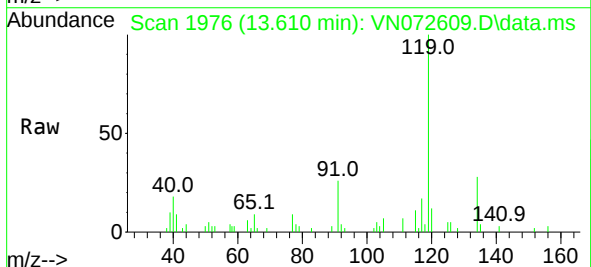
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

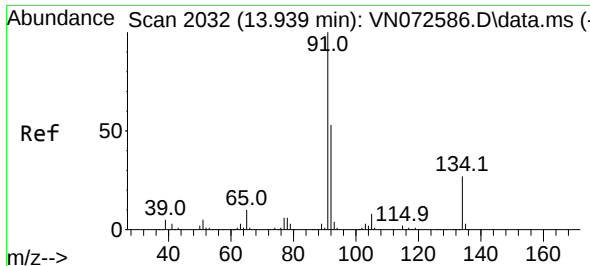
Tgt Ion:105 Resp: 3494340
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#



#86
 p-Isopropyltoluene
 Concen: 1.827 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072609.D
 Acq: 25 May 2022 00:32

Tgt Ion:119 Resp: 17473
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 0.0 11.3 33.9#

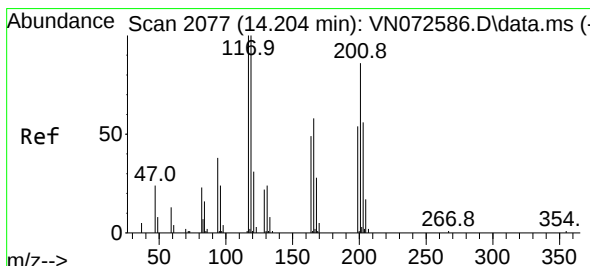
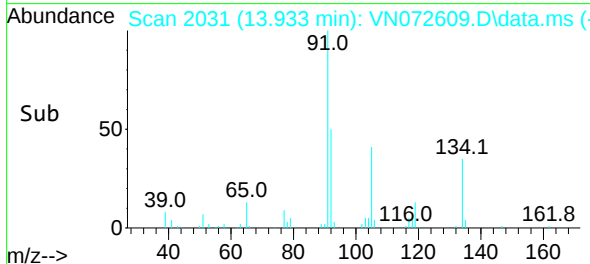
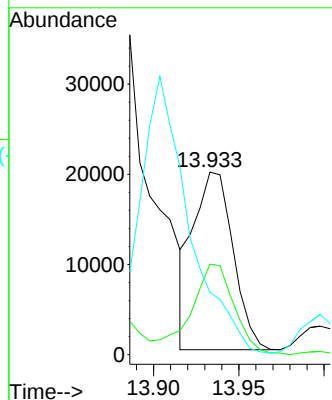
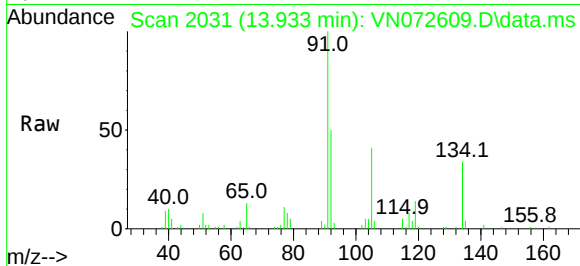




#89
n-Butylbenzene
Concen: 4.143 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

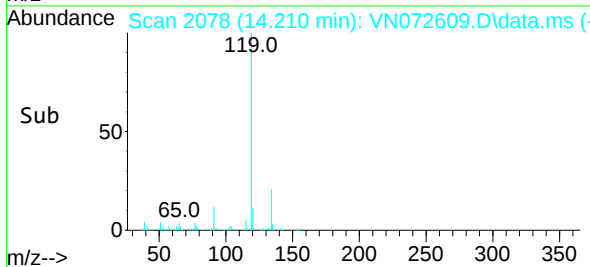
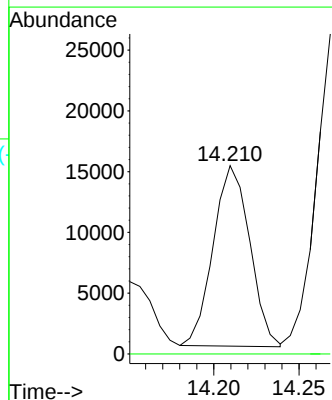
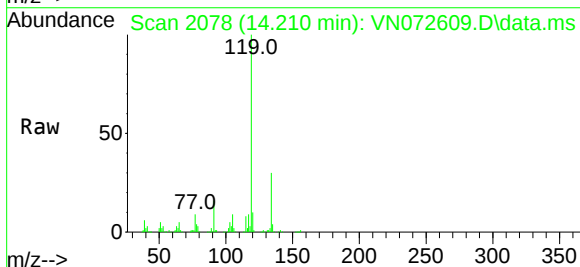
Instrument :
MSVOA_N
ClientSampleId :
MW-38

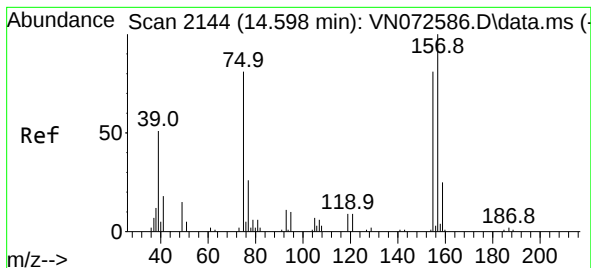
Tgt Ion: 91 Resp: 31975
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 0.0 13.6 40.8#



#90
Hexachloroethane
Concen: 11.722 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072609.D
Acq: 25 May 2022 00:32

Tgt Ion: 117 Resp: 22169
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#

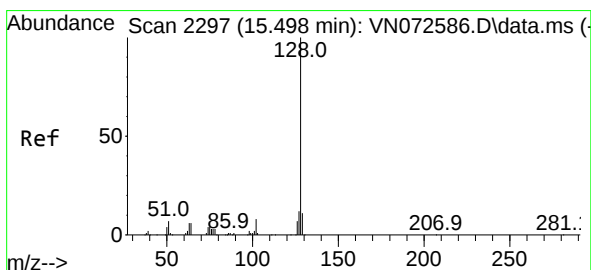
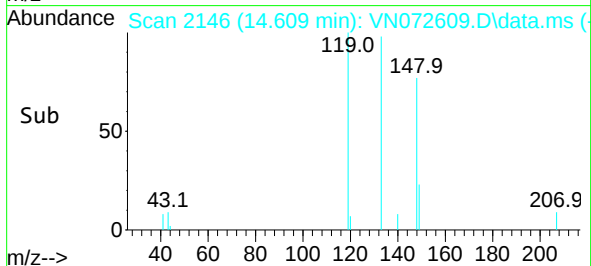
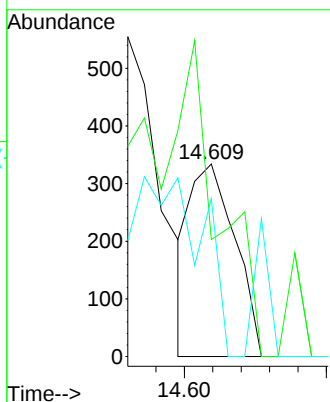
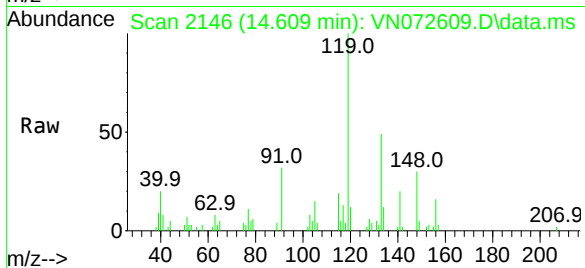




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.484 ug/l
 RT: 14.609 min Scan# 2144
 Delta R.T. 0.011 min
 Lab File: VN072609.D
 Acq: 25 May 2022 00:32

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38

Tgt Ion: 75 Resp: 365
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.9 134.5#
 157 0.0 59.0 176.8#



#95
 Naphthalene
 Concen: 117.383 ug/l
 RT: 15.498 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VN072609.D
 Acq: 25 May 2022 00:32

Tgt Ion: 128 Resp: 1027239
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.3 15.5
 129 10.9 8.6 13.0

