

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071826.D
 Acq On : 04 Apr 2022 12:37
 Operator : JC\MD
 Sample : N2242-03DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Quant Time: Apr 05 01:17:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	559655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	942355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	955668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	368781	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	309887	48.502	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.000%
35) Dibromofluoromethane	8.016	113	268664	48.450	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.900%
50) Toluene-d8	10.439	98	1195167	52.687	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.380%
62) 4-Bromofluorobenzene	12.727	95	416819	56.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.640%

Target Compounds				Qvalue		
3) Chloromethane	2.304	50	3342	0.593	ug/l #	88
5) Bromomethane	2.863	94	951	0.236	ug/l #	71
6) Chloroethane	2.787	64	3092	0.694	ug/l #	56
10) Methyl Iodide	4.440	142	1667	0.246	ug/l #	57
11) Tert butyl alcohol	5.363	59	12576	12.129	ug/l #	72
13) Acrolein	3.993	56	4009	3.171	ug/l #	1
14) Allyl chloride	5.087	41	35337	4.713	ug/l #	58
15) Acrylonitrile	5.616	53	8805	2.922	ug/l #	41
16) Acetone	4.281	43	55166	20.204	ug/l #	76
17) Carbon Disulfide	4.534	76	2320	0.219	ug/l #	75
18) Methyl Acetate	4.875	43	2789	Below Cal	#	58
19) Methyl tert-butyl Ether	5.610	73	14540	0.847	ug/l #	1
20) Methylene Chloride	5.087	84	1604	0.279	ug/l #	1
23) Vinyl Acetate	6.475	43	4423	0.341	ug/l #	68
25) 2-Butanone	7.333	43	24154	6.136	ug/l	98
26) 2,2-Dichloropropane	7.145	77	3530	0.429	ug/l #	53
29) Tetrahydrofuran	7.698	42	545	0.214	ug/l #	66
31) Cyclohexane	8.092	56	114852	13.218	ug/l #	94
36) 1,1-Dichloropropene	8.080	75	39577	5.111	ug/l #	47
37) Ethyl Acetate	7.333	43	24154	2.850	ug/l #	67
38) Carbon Tetrachloride	8.086	117	49558	6.530	ug/l #	15
39) Methylcyclohexane	9.457	83	96675	10.488	ug/l	94
40) Benzene	8.457	78	1145357	46.822	ug/l	99
41) Methacrylonitrile	7.675	41	3488	0.840	ug/l #	32
42) 1,2-Dichloroethane	8.463	62	9303	1.099	ug/l	84
43) Isopropyl Acetate	8.557	43	13563	0.962	ug/l #	53
47) Bromodichloromethane	9.745	83	4081	0.500	ug/l #	26
48) Methyl methacrylate	9.504	41	2454	0.420	ug/l #	10
51) 4-Methyl-2-Pentanone	10.327	43	3065	0.378	ug/l #	81
52) Toluene	10.498	92	33826	2.188	ug/l	96
55) 1,1,2-Trichloroethane	10.874	97	10725	1.685	ug/l #	19
56) Ethyl methacrylate	10.774	69	2392	0.263	ug/l #	84
58) 2-Chloroethyl Vinyl ether	10.016	63	190	17.030	ug/l #	44
59) 2-Hexanone	11.086	43	10030	1.758	ug/l	63
67) Ethyl Benzene	11.839	91	39705	1.226	ug/l	97
68) m/p-Xylenes	11.951	106	286977	23.056	ug/l	100

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

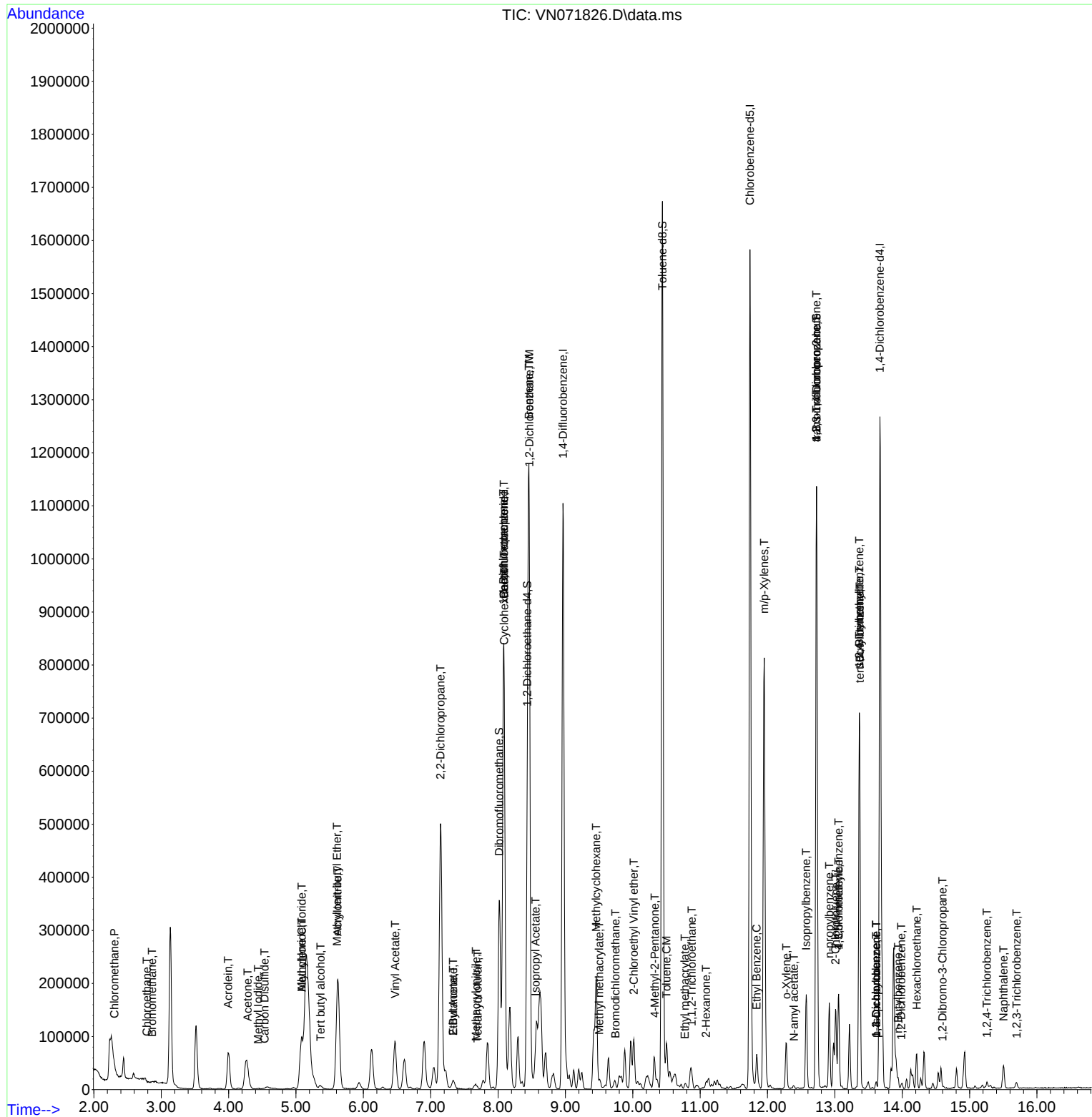
69) o-Xylene	12.280	106	26275	2.127	ug/l	98
73) Isopropylbenzene	12.574	105	123338	3.969	ug/l	98
74) N-amyl acetate	12.392	43	3789	0.426	ug/l #	87
76) 1,2,3-Trichloropropane	12.727	75	206985	24.228	ug/l #	1
78) n-propylbenzene	12.915	91	131114	4.011	ug/l	99
79) 2-Chlorotoluene	13.010	91	12842	0.613	ug/l #	49
80) 1,3,5-Trimethylbenzene	13.057	105	100829	4.095	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.727	75	206985	75.083	ug/l #	10
82) 4-Chlorotoluene	13.057	91	10535	0.542	ug/l #	40
83) tert-Butylbenzene	13.368	119	54963	2.442	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.362	105	426918	17.771	ug/l	100
85) sec-Butylbenzene	13.362	105	426918	14.632	ug/l #	56
86) p-Isopropyltoluene	13.615	119	5212	0.224	ug/l	95
87) 1,3-Dichlorobenzene	13.615	146	2609	0.210	ug/l	96
88) 1,4-Dichlorobenzene	13.615	146	2609	0.215	ug/l	94
89) n-Butylbenzene	13.939	91	11005	0.638	ug/l #	81
90) Hexachloroethane	14.215	117	4090	0.960	ug/l #	9
91) 1,2-Dichlorobenzene	13.986	146	2895	0.238	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	614	0.382	ug/l	74
93) 1,2,4-Trichlorobenzene	15.256	180	4576	2.833	ug/l	92
95) Naphthalene	15.504	128	42438	6.138	ug/l	97
96) 1,2,3-Trichlorobenzene	15.698	180	5240	3.291	ug/l	94

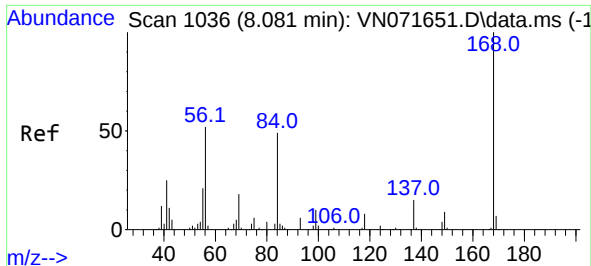
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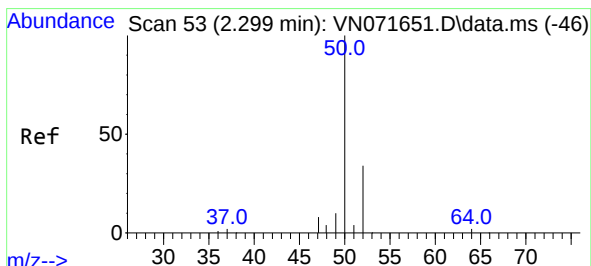
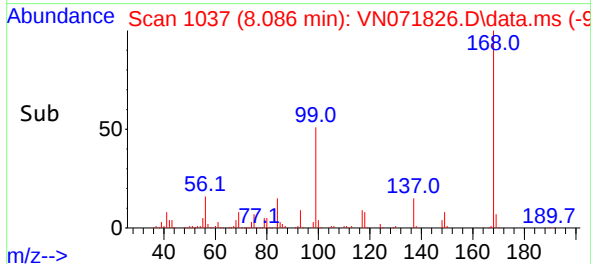
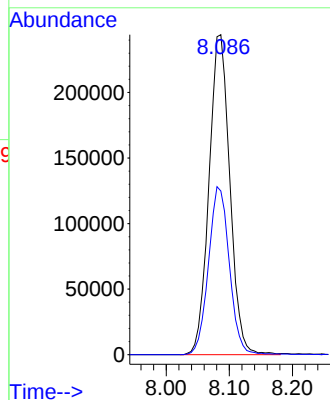
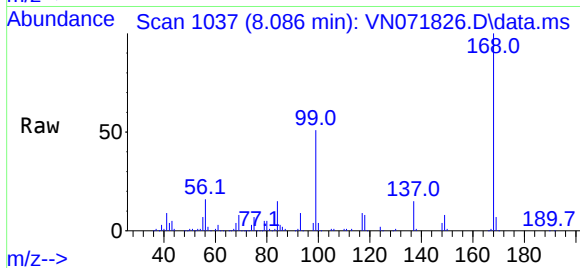




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

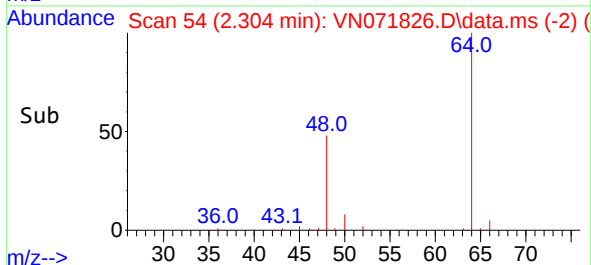
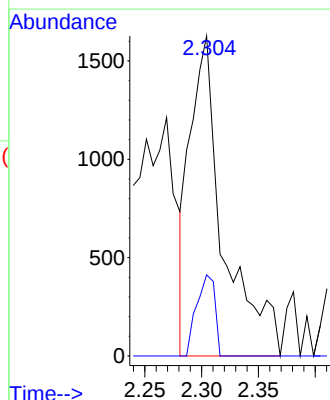
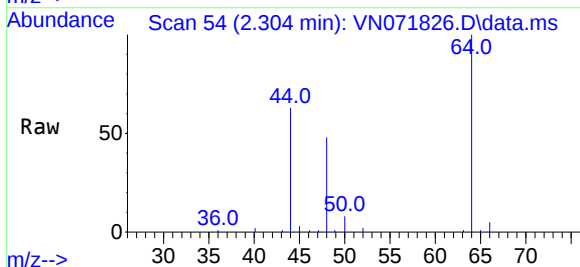
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MSVOA_N
ClientSampleId :
MW-4DL

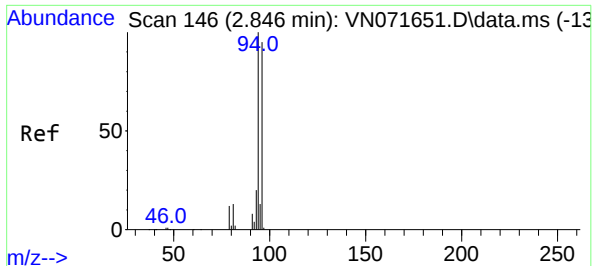
Tgt Ion:168 Resp: 559655
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5



#3
Chloromethane
Concen: 0.593 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 50 Resp: 3342
Ion Ratio Lower Upper
50 100
52 25.3 25.7 38.5#

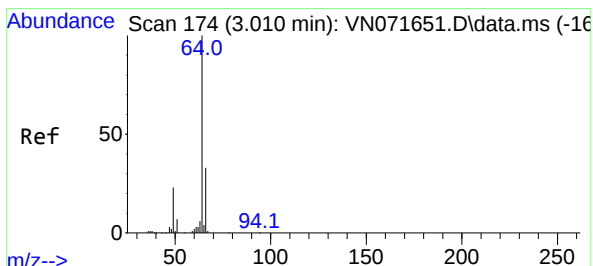
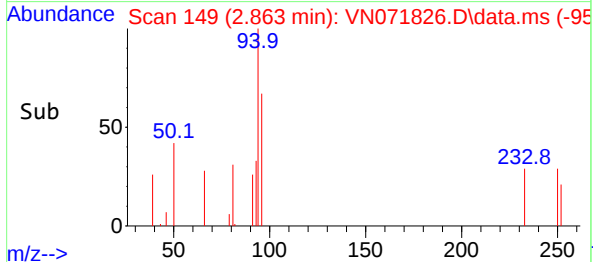
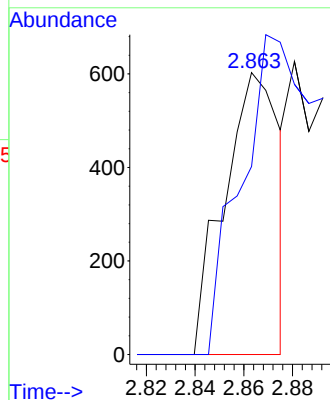
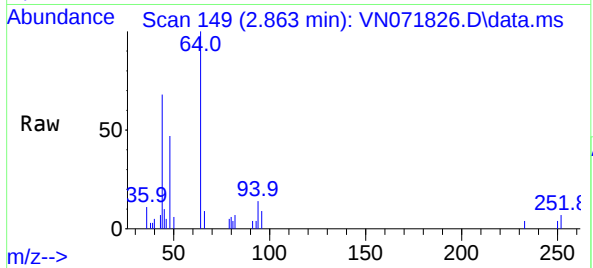




#5
Bromomethane
Concen: 0.236 ug/l
RT: 2.863 min Scan# 146
Delta R.T. 0.017 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

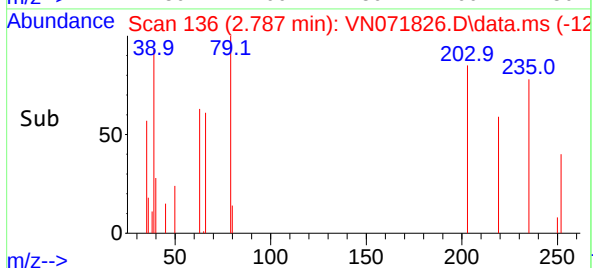
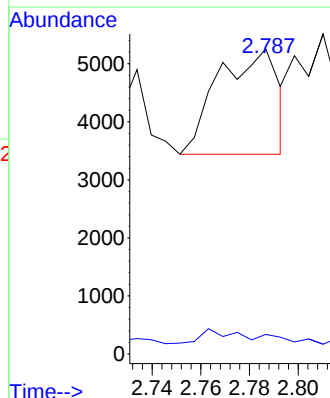
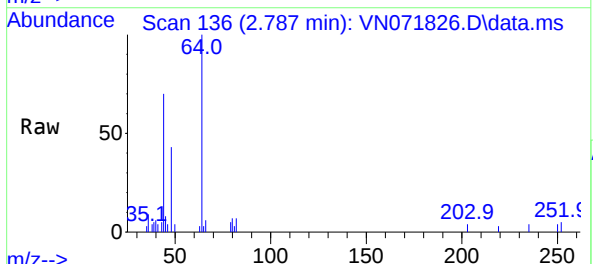
Instrument :
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ClientSampleId :
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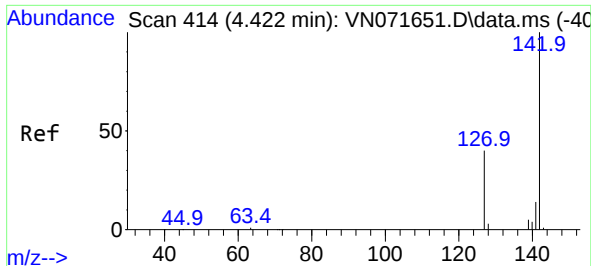
Tgt Ion: 94 Resp: 951
Ion Ratio Lower Upper
94 100
96 66.7 76.0 114.0#



#6
Chloroethane
Concen: 0.694 ug/l
RT: 2.787 min Scan# 136
Delta R.T. -0.223 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 64 Resp: 3092
Ion Ratio Lower Upper
64 100
66 8.2 26.2 39.4#

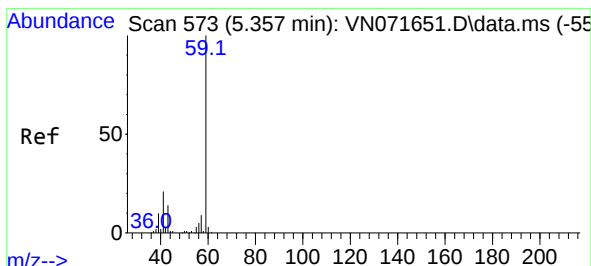
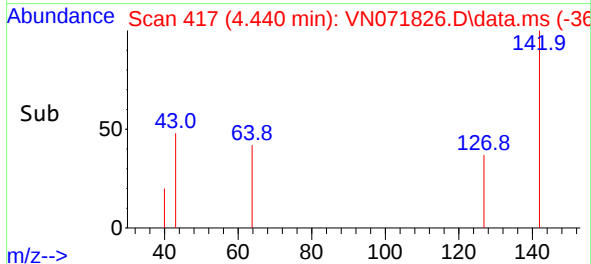
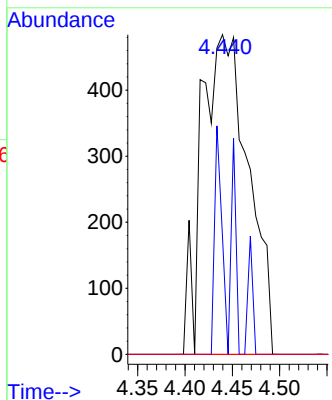
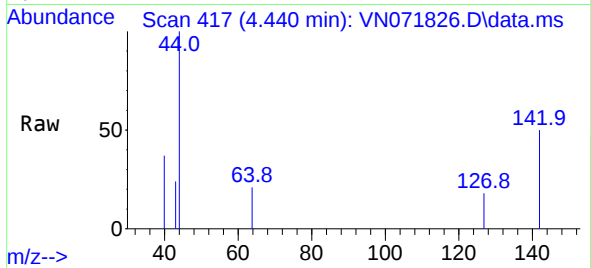




#10
Methyl Iodide
Concen: 0.246 ug/l
RT: 4.440 min Scan# 414
Delta R.T. 0.018 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

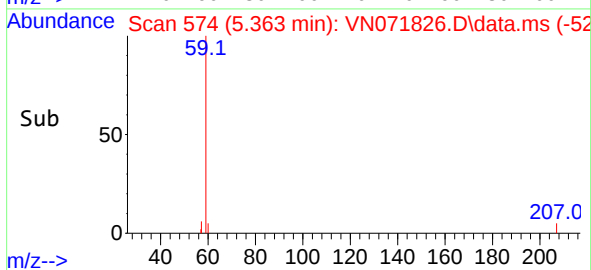
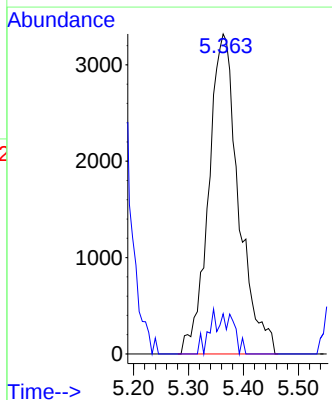
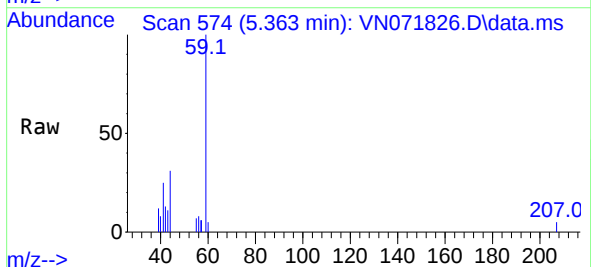
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

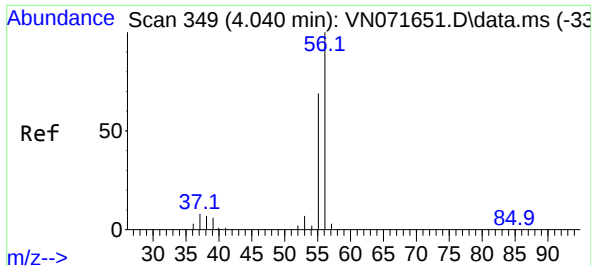
Tgt Ion:142 Resp: 1667
Ion Ratio Lower Upper
142 100
127 11.1 31.3 46.9#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 12.129 ug/l
RT: 5.363 min Scan# 574
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 59 Resp: 12576
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: 3.171 ug/l

RT: 3.993 min Scan# 34

Delta R.T. -0.047 min

Lab File: VN071826.D

Acq: 04 Apr 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

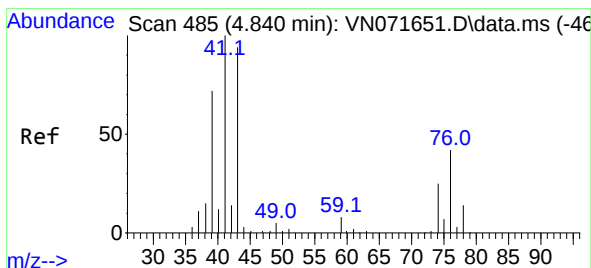
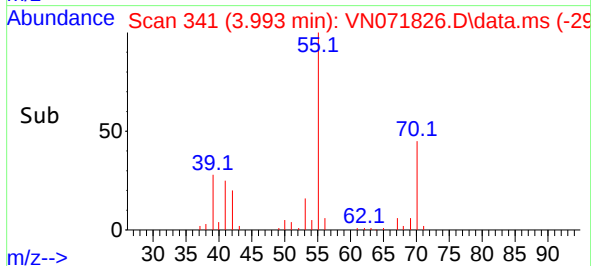
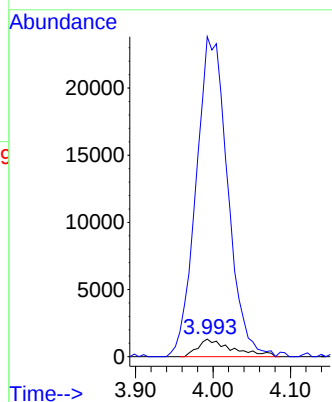
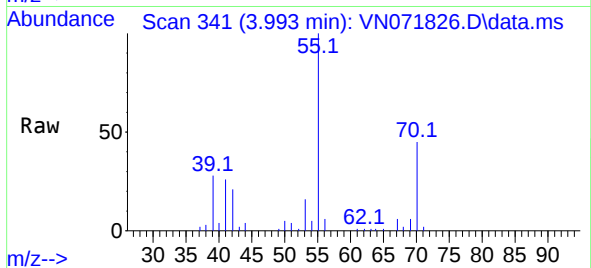
MW-4DL

Tgt Ion: 56 Resp: 4009

Ion Ratio Lower Upper

56 100

55 1681.0 54.8 82.2#



#14

Allyl chloride

Concen: 4.713 ug/l

RT: 5.087 min Scan# 527

Delta R.T. 0.247 min

Lab File: VN071826.D

Acq: 04 Apr 2022 12:37

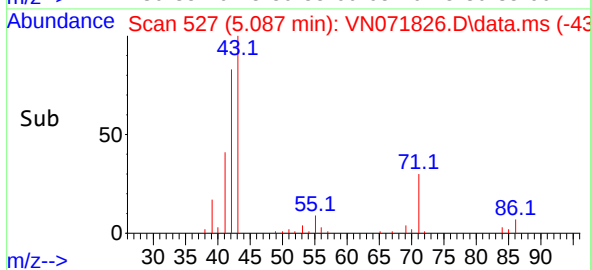
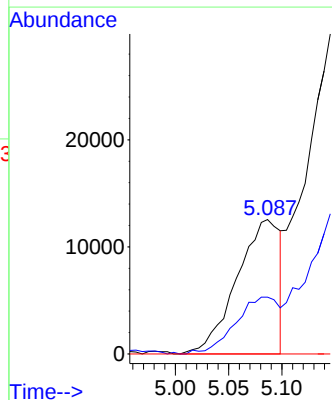
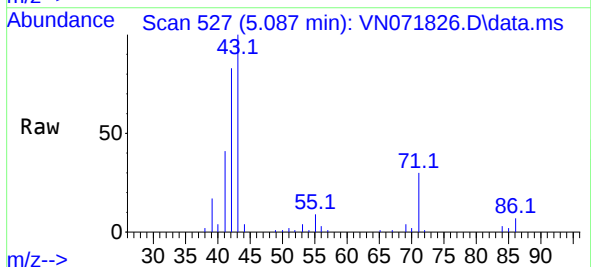
Tgt Ion: 41 Resp: 35337

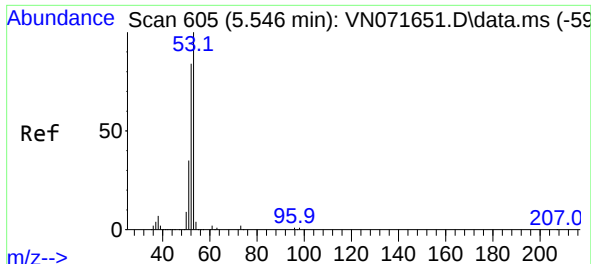
Ion Ratio Lower Upper

41 100

39 42.7 53.2 79.8#

76 0.0 29.9 44.9#

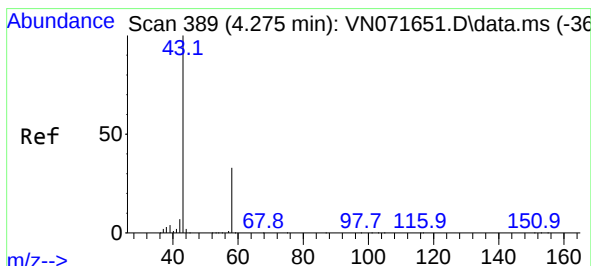
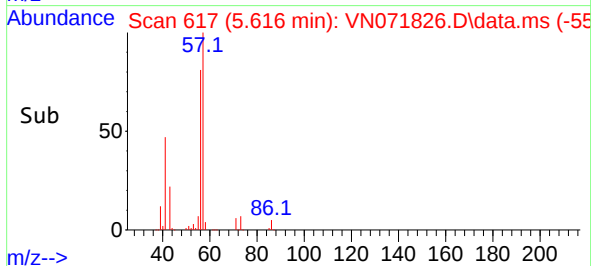
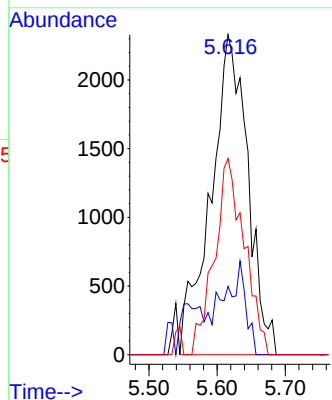
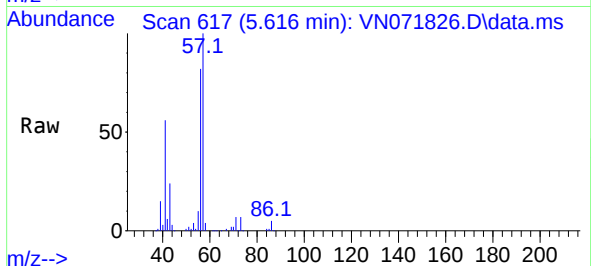




#15
Acrylonitrile
Concen: 2.922 ug/l
RT: 5.616 min Scan# 615
Delta R.T. 0.070 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

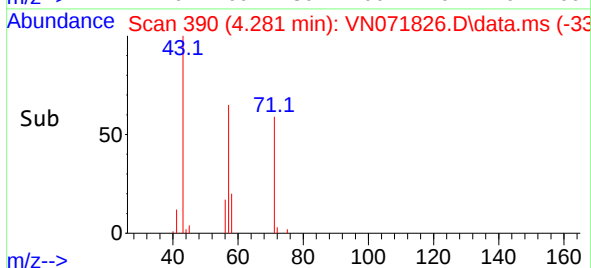
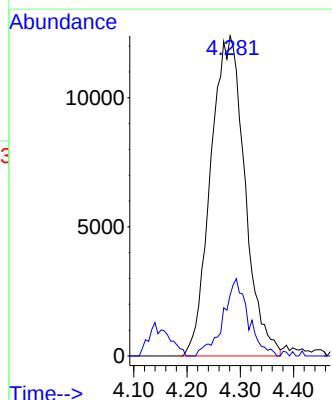
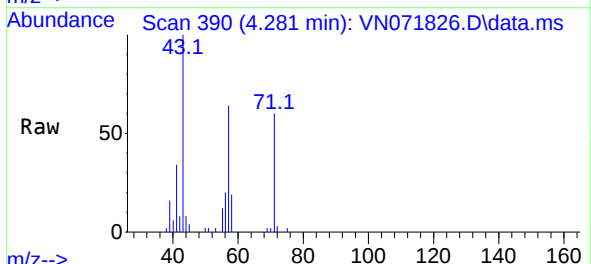
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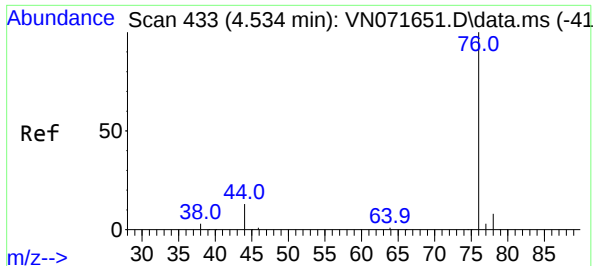
Tgt Ion: 53 Resp: 8805
Ion Ratio Lower Upper
53 100
52 16.7 66.4 99.6#
51 49.8 28.5 42.7#



#16
Acetone
Concen: 20.204 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 43 Resp: 55166
Ion Ratio Lower Upper
43 100
58 19.1 26.0 39.0#

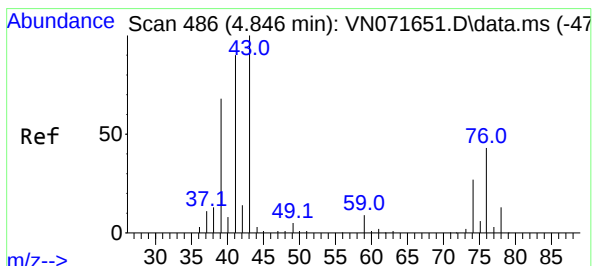
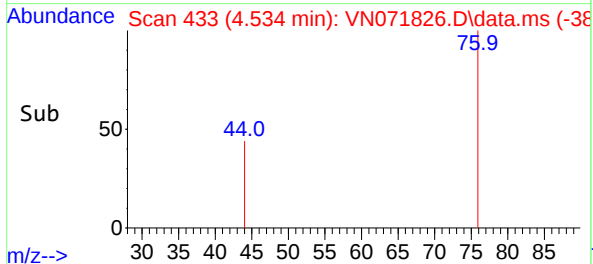
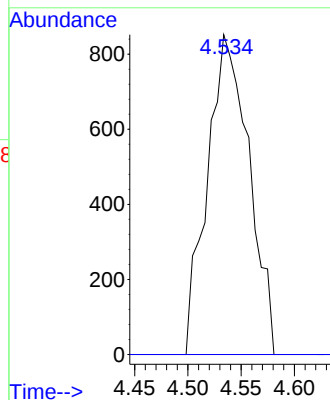
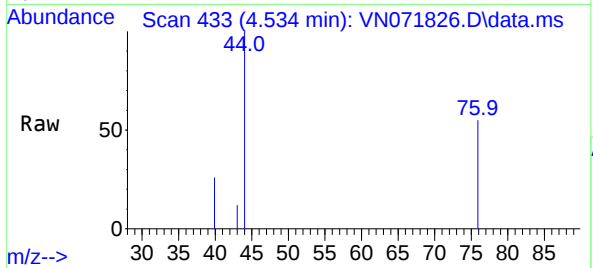




#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
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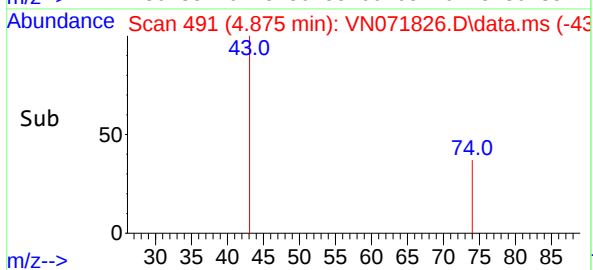
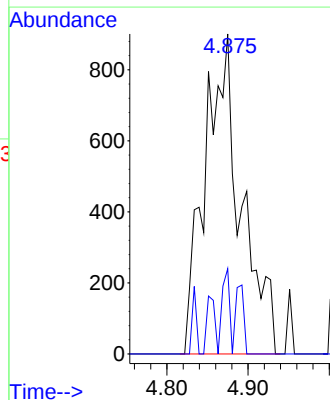
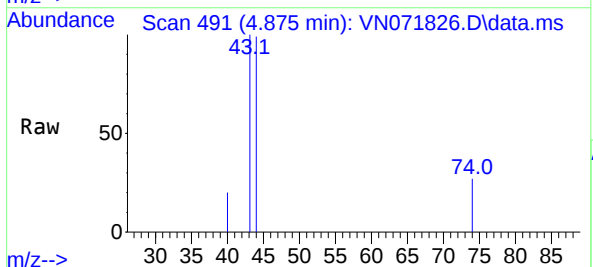
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

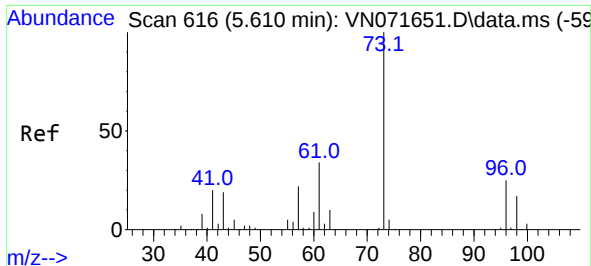
Tgt Ion: 76 Resp: 2320
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.875 min Scan# 491
Delta R.T. 0.029 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 43 Resp: 2789
Ion Ratio Lower Upper
43 100
74 5.4 21.6 32.4#

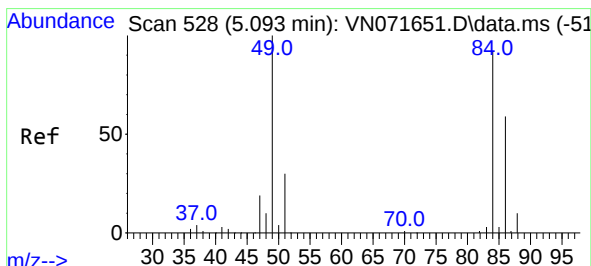
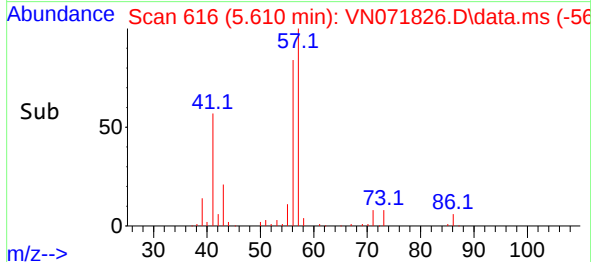
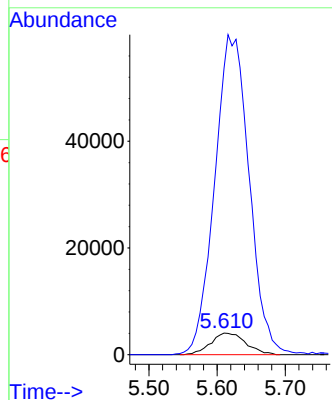
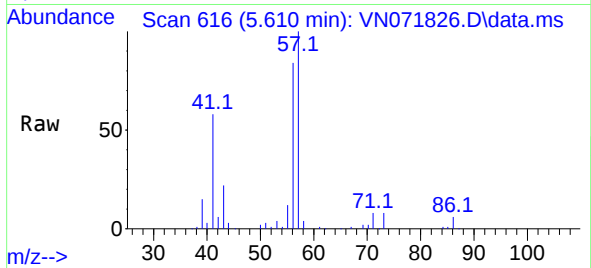




#19
Methyl tert-butyl Ether
Concen: 0.847 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

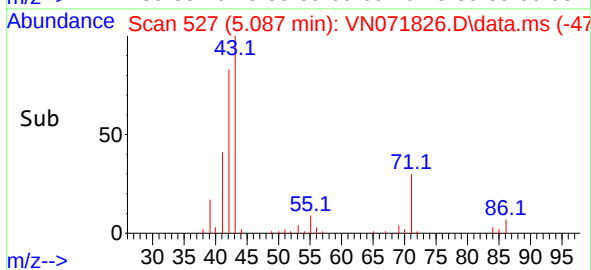
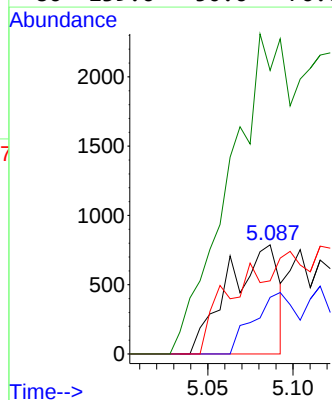
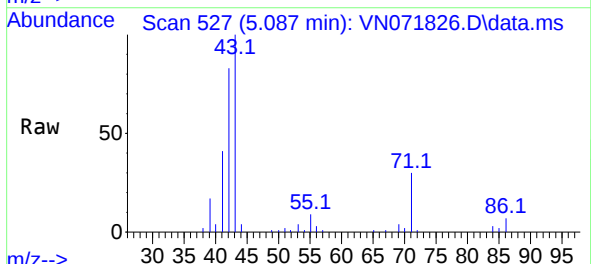
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

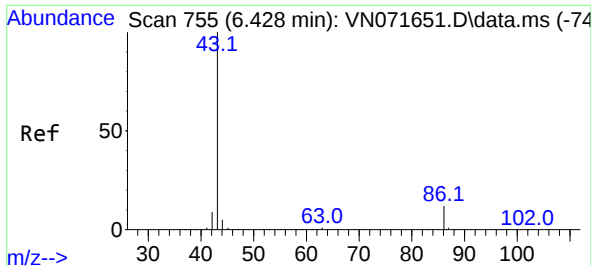
Tgt Ion: 73 Resp: 14540
Ion Ratio Lower Upper
73 100
57 1315.5 17.6 26.4#



#20
Methylene Chloride
Concen: 0.279 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 84 Resp: 1604
Ion Ratio Lower Upper
84 100
49 51.9 88.3 132.5#
51 67.0 28.2 42.2#
86 239.6 50.6 76.0#

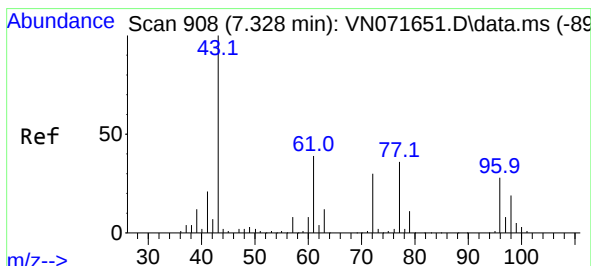
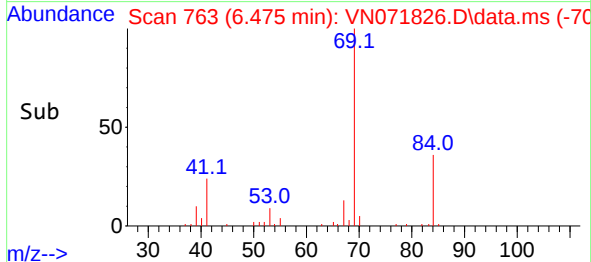
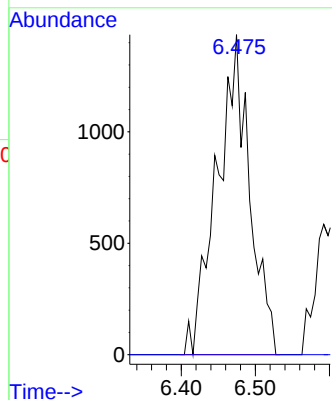
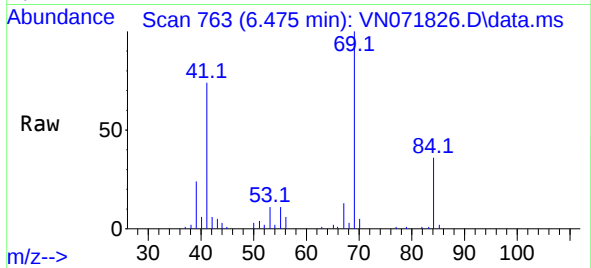




#23
 Vinyl Acetate
 Concen: 0.341 ug/l
 RT: 6.475 min Scan# 709
 Delta R.T. 0.047 min
 Lab File: VN071826.D
 Acq: 04 Apr 2022 12:37

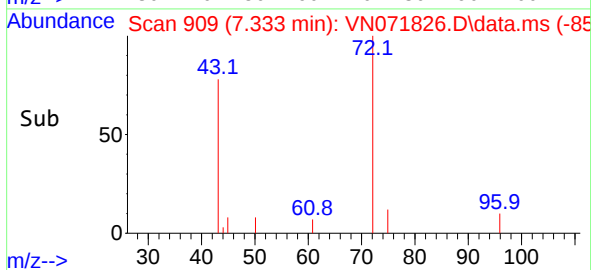
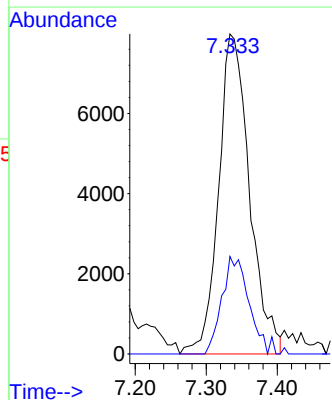
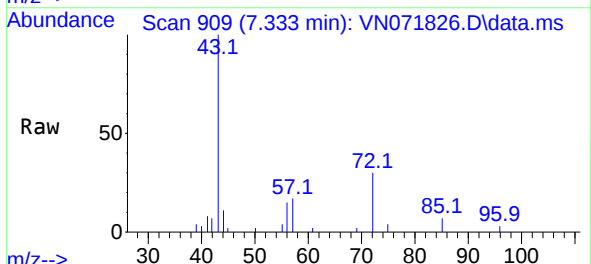
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

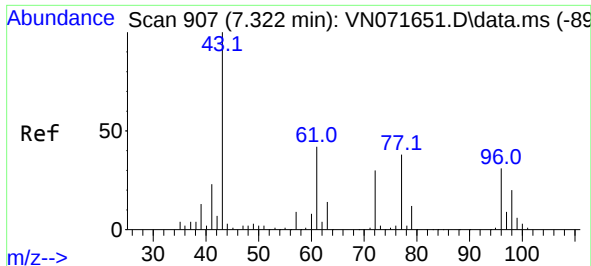
Tgt Ion: 43 Resp: 4423
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 6.136 ug/l
 RT: 7.333 min Scan# 909
 Delta R.T. 0.005 min
 Lab File: VN071826.D
 Acq: 04 Apr 2022 12:37

Tgt Ion: 43 Resp: 24154
 Ion Ratio Lower Upper
 43 100
 72 30.4 23.7 35.5





#26

2,2-Dichloropropane

Concen: 0.429 ug/l

RT: 7.145 min Scan# 81

Delta R.T. -0.177 min

Lab File: VN071826.D

Acq: 04 Apr 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

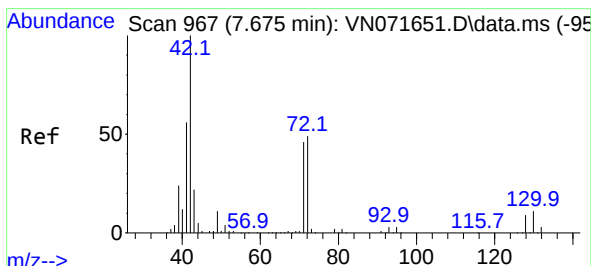
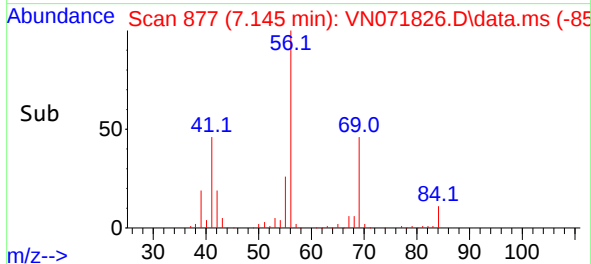
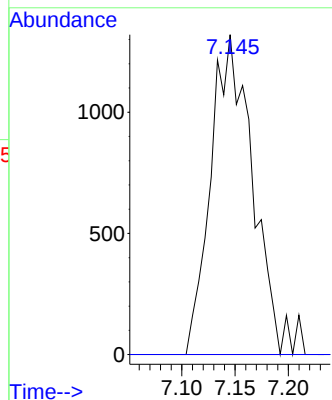
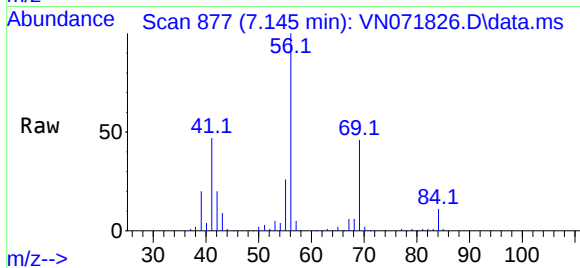
MW-4DL

Tgt Ion: 77 Resp: 3530

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#29

Tetrahydrofuran

Concen: 0.214 ug/l

RT: 7.698 min Scan# 971

Delta R.T. 0.023 min

Lab File: VN071826.D

Acq: 04 Apr 2022 12:37

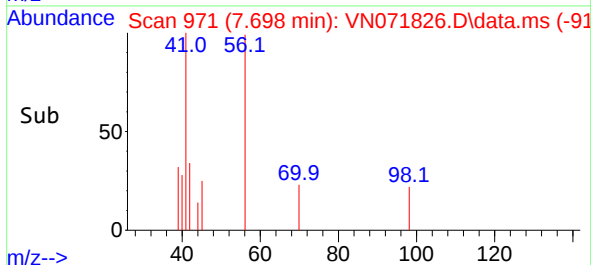
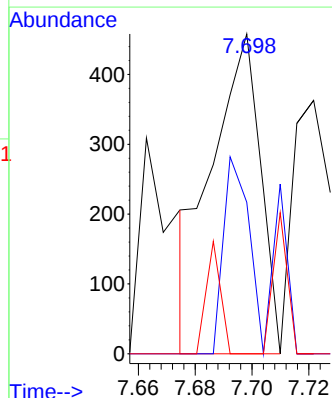
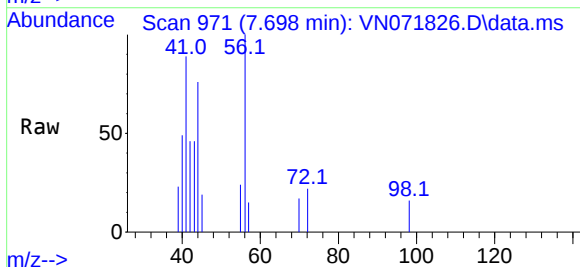
Tgt Ion: 42 Resp: 545

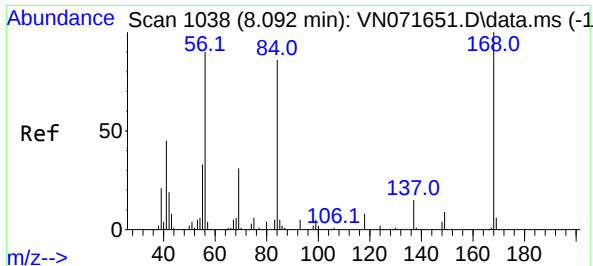
Ion Ratio Lower Upper

42 100

72 48.1 39.7 59.5

71 0.0 36.6 55.0#





#31

Cyclohexane

Concen: 13.218 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071826.D

Acq: 04 Apr 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

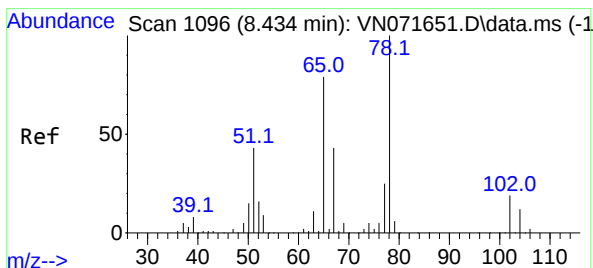
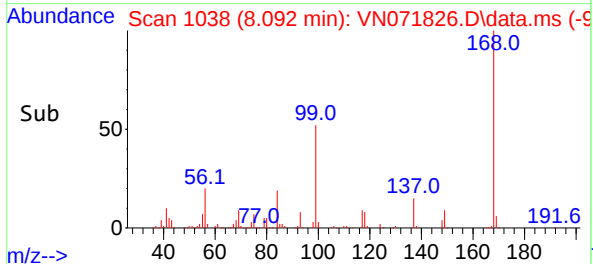
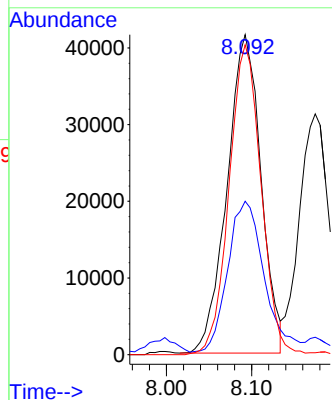
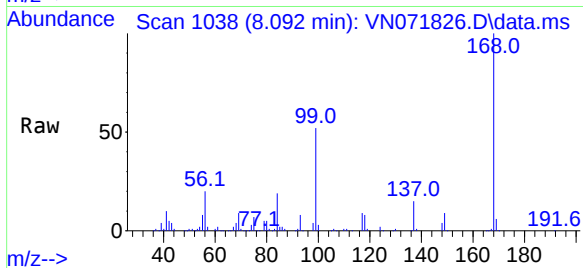
Tgt Ion: 56 Resp: 114852

Ion Ratio Lower Upper

56 100

69 45.6 27.8 41.8#

84 97.3 76.9 115.3



#33

1,2-Dichloroethane-d4

Concen: 48.502 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN071826.D

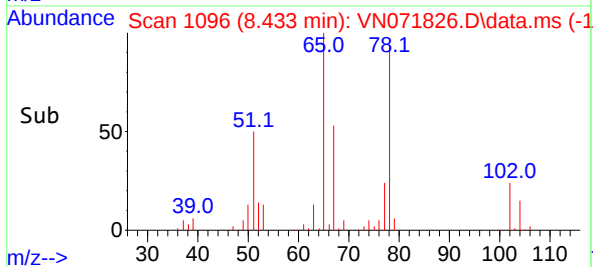
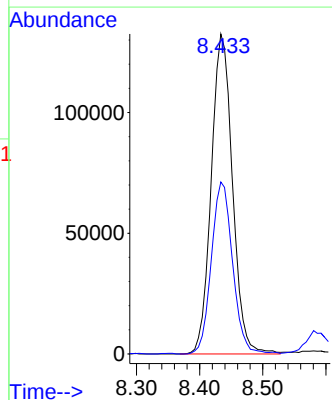
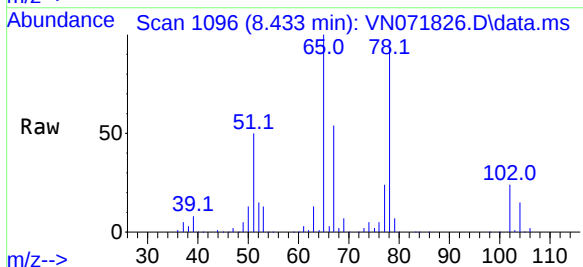
Acq: 04 Apr 2022 12:37

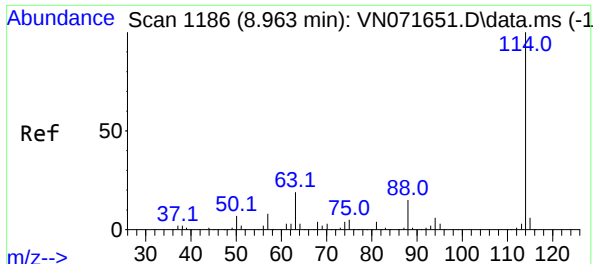
Tgt Ion: 65 Resp: 309887

Ion Ratio Lower Upper

65 100

67 53.8 0.0 104.8

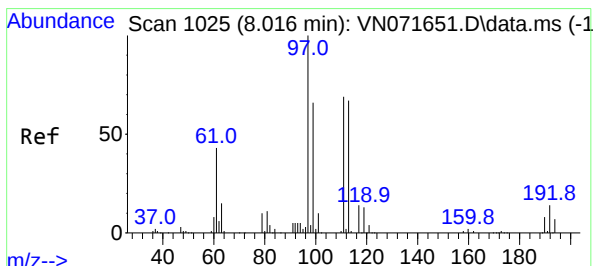
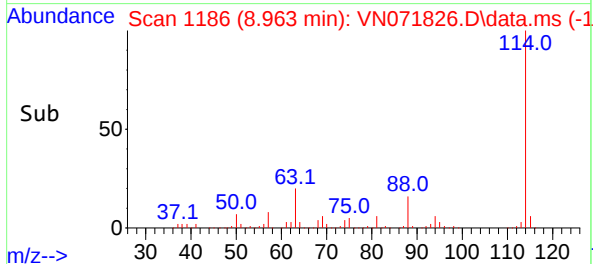
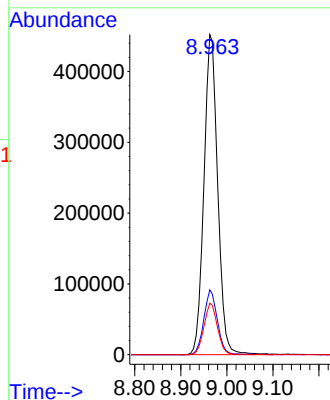
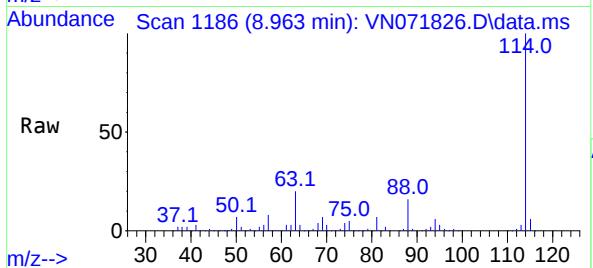




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

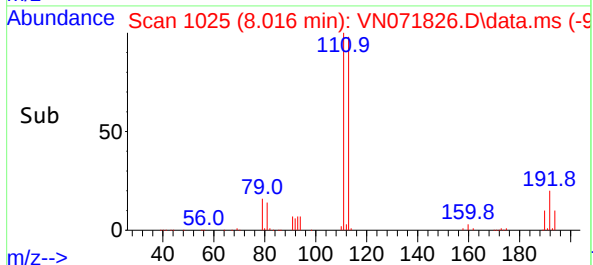
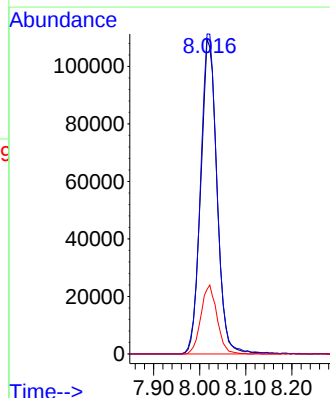
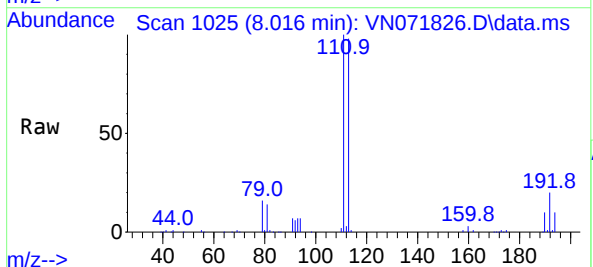
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

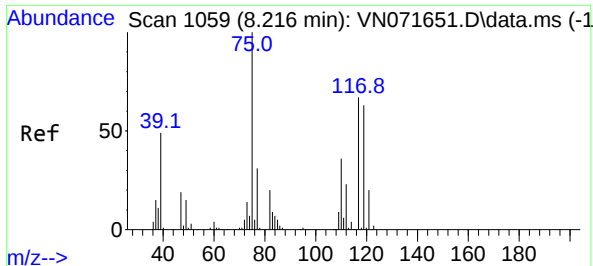
Tgt Ion:114 Resp: 942355
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.0
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.450 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

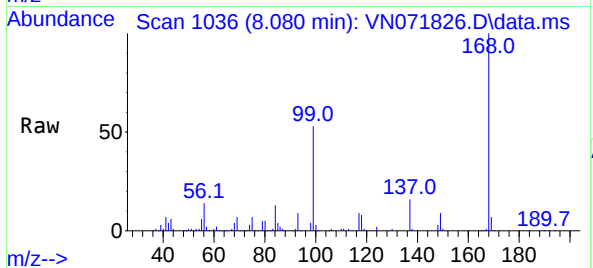
Tgt Ion:113 Resp: 268664
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 21.7 17.0 25.6



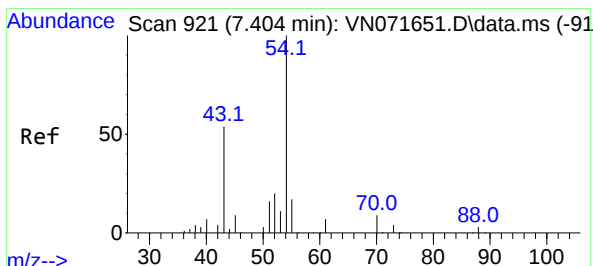
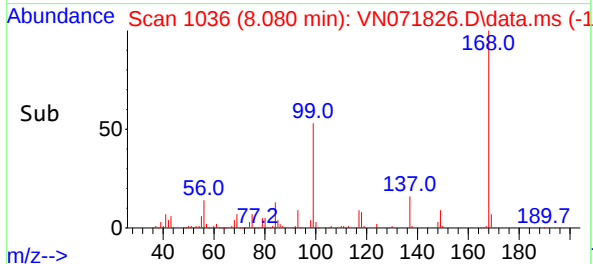
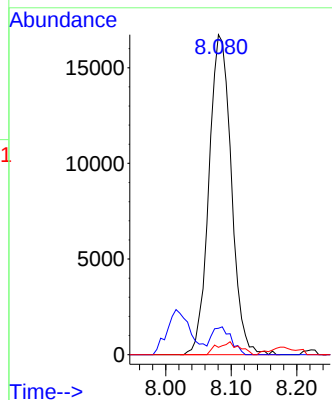


#36
1,1-Dichloropropene
Concen: 5.111 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.136 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

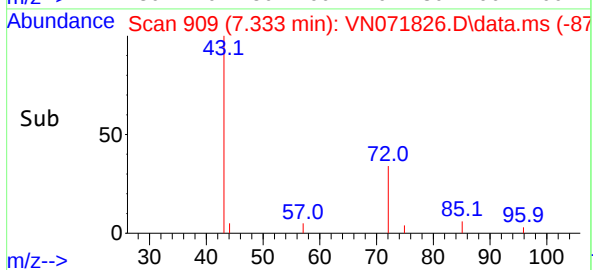
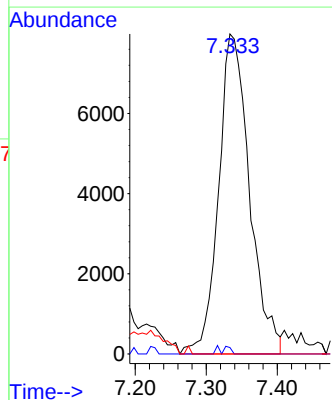
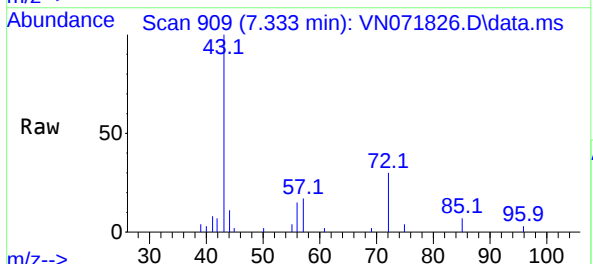


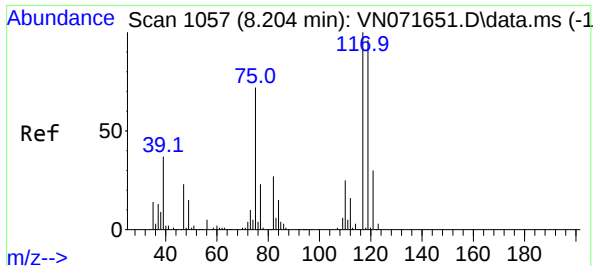
Tgt Ion: 75 Resp: 39577
Ion Ratio Lower Upper
75 100
110 7.5 18.3 54.8#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.850 ug/l
RT: 7.333 min Scan# 909
Delta R.T. -0.071 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 43 Resp: 24154
Ion Ratio Lower Upper
43 100
61 0.5 11.8 17.6#
70 0.0 9.3 13.9#

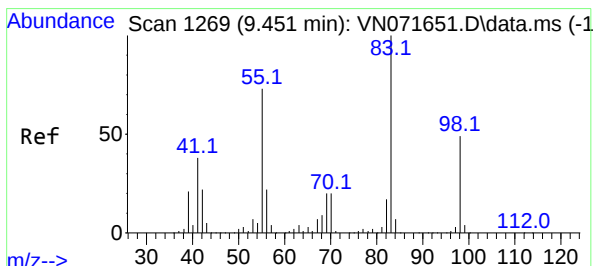
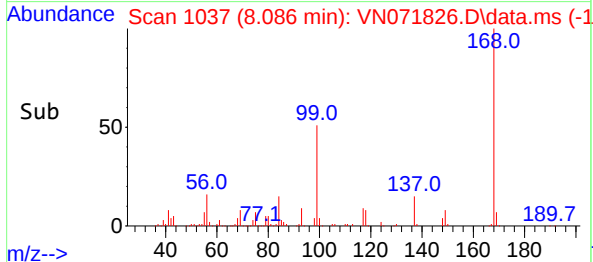
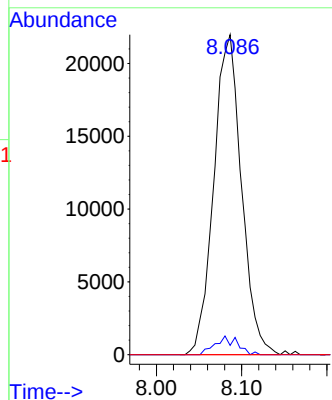
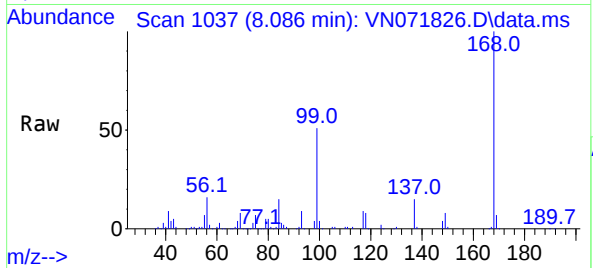




#38
Carbon Tetrachloride
Concen: 6.530 ug/l
RT: 8.086 min Scan# 117
Delta R.T. -0.118 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

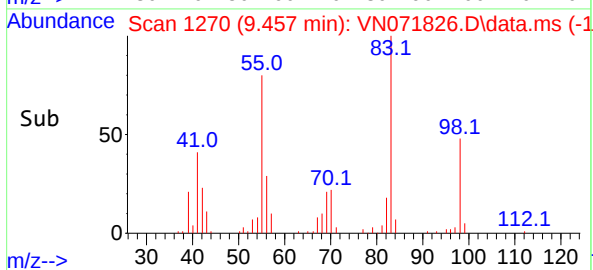
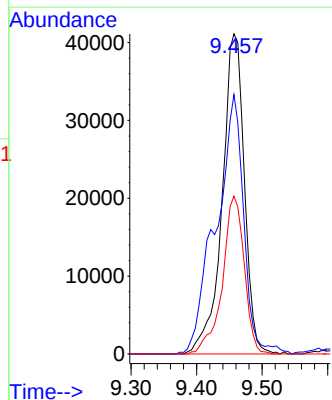
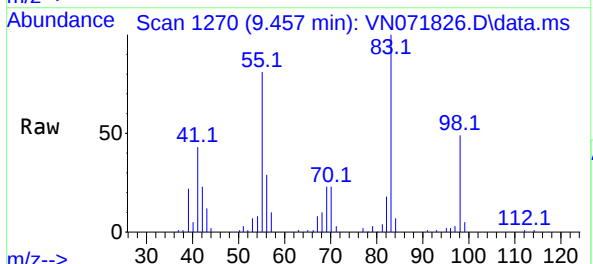
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

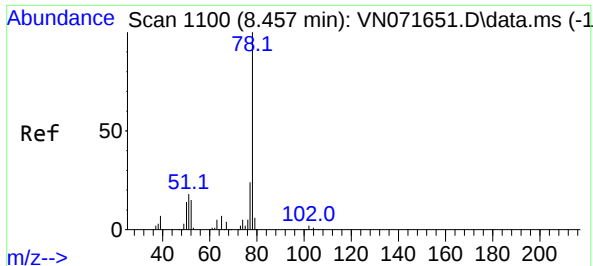
Tgt Ion:117 Resp: 49558
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 10.488 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 83 Resp: 96675
Ion Ratio Lower Upper
83 100
55 80.5 57.8 86.8
98 49.3 39.4 59.2

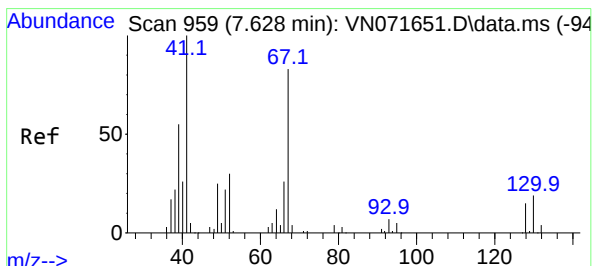
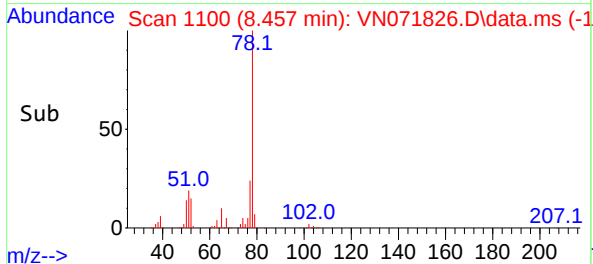
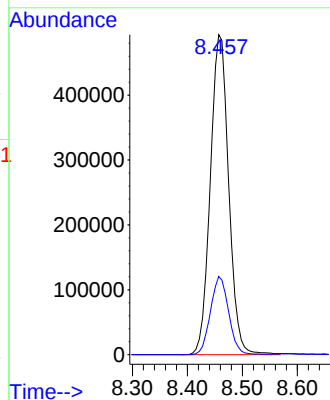
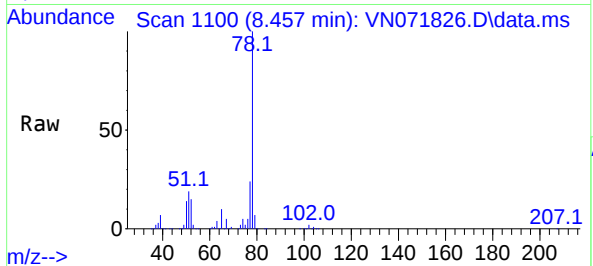




#40
Benzene
Concen: 46.822 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

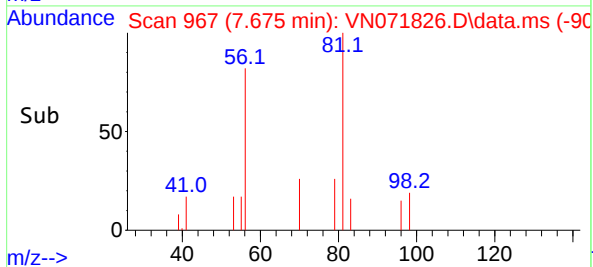
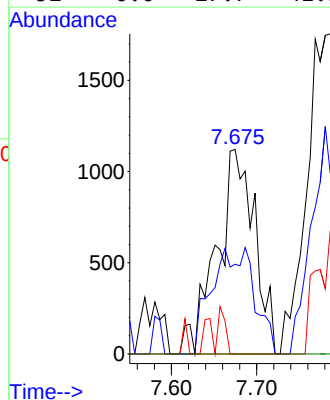
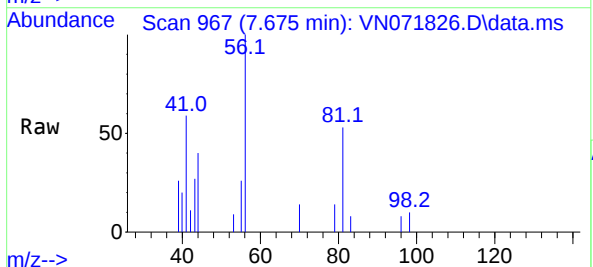
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

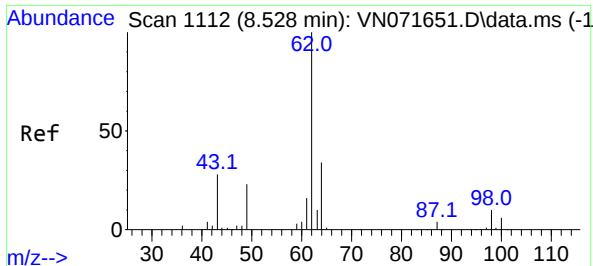
Tgt Ion: 78 Resp: 1145357
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0



#41
Methacrylonitrile
Concen: 0.840 ug/l
RT: 7.675 min Scan# 967
Delta R.T. 0.047 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 41 Resp: 3488
Ion Ratio Lower Upper
41 100
39 38.7 48.6 73.0#
67 0.0 73.4 110.2#
52 0.0 27.7 41.5#





#42

1,2-Dichloroethane

Concen: 1.099 ug/l

RT: 8.463 min Scan# 1110

Delta R.T. -0.065 min

Lab File: VN071826.D

Acq: 04 Apr 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

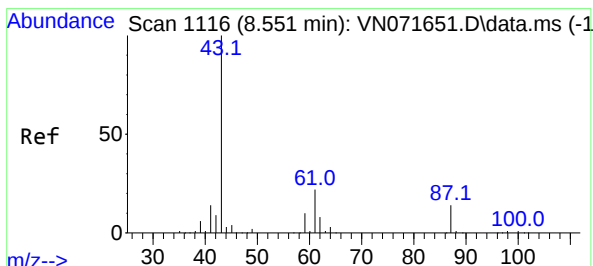
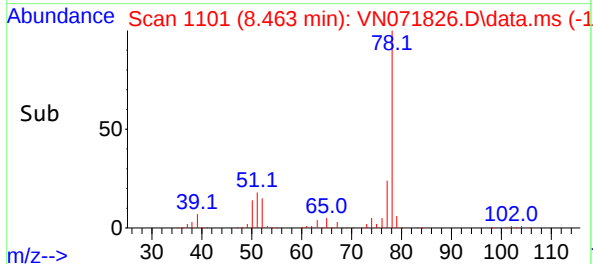
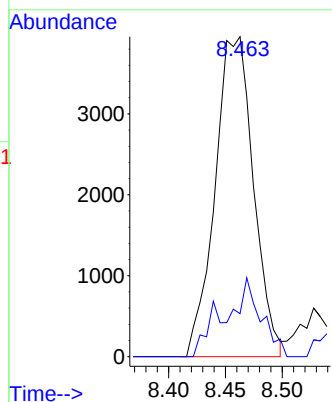
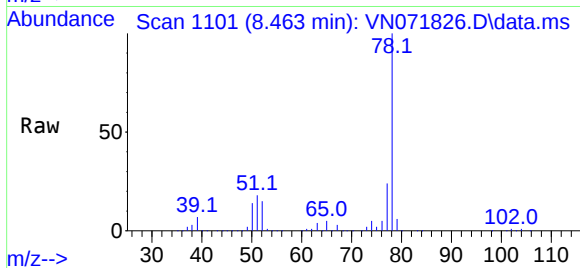
MW-4DL

Tgt Ion: 62 Resp: 9303

Ion Ratio Lower Upper

62 100

98 15.5 0.0 19.4



#43

Isopropyl Acetate

Concen: 0.962 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. 0.006 min

Lab File: VN071826.D

Acq: 04 Apr 2022 12:37

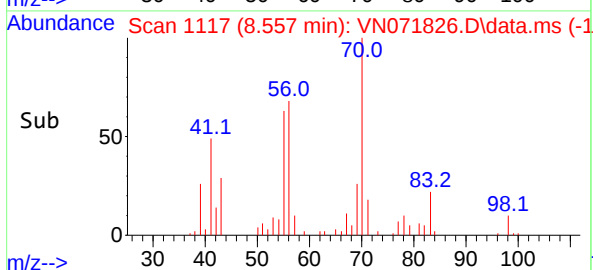
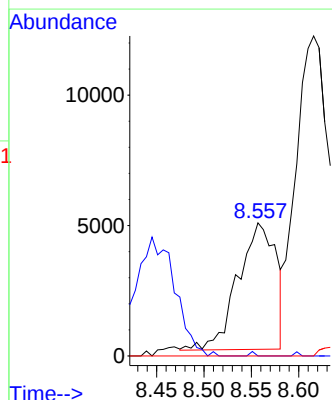
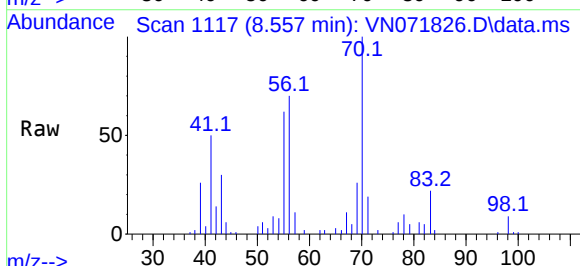
Tgt Ion: 43 Resp: 13563

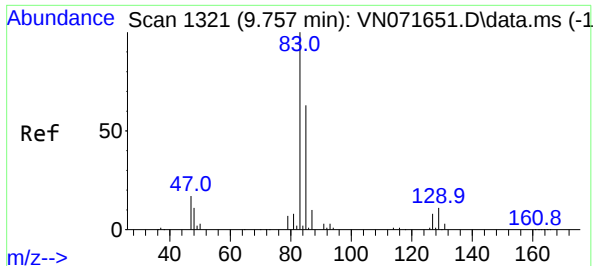
Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#

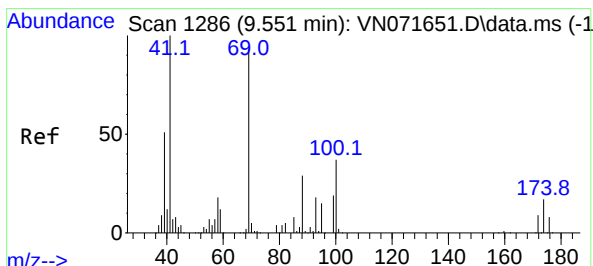
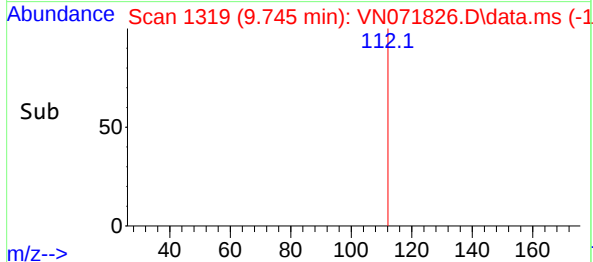
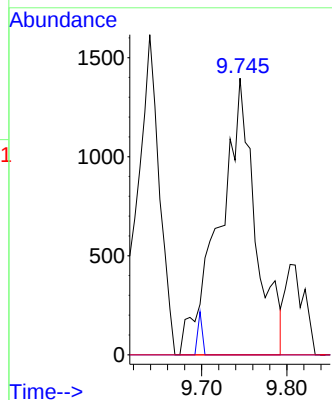
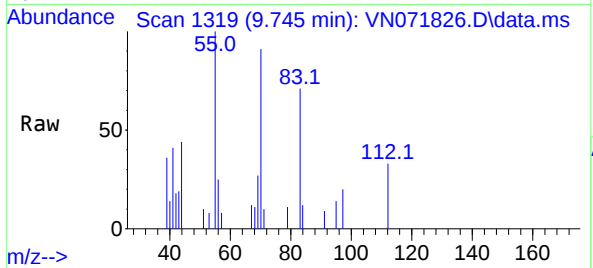




#47
Bromodichloromethane
Concen: 0.500 ug/l
RT: 9.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

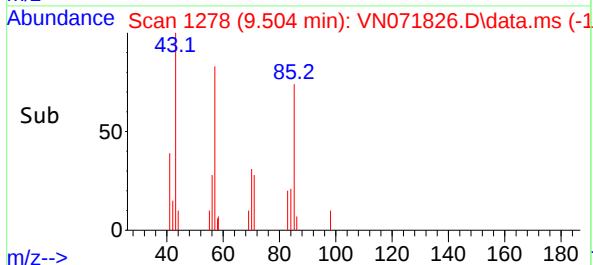
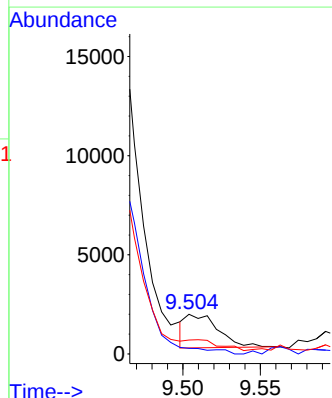
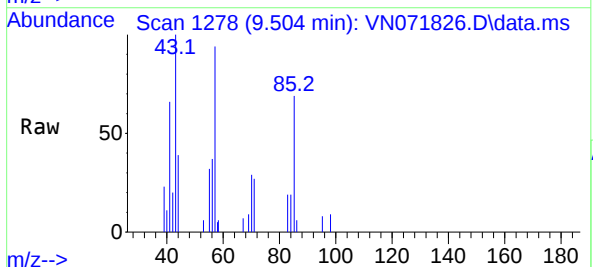
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

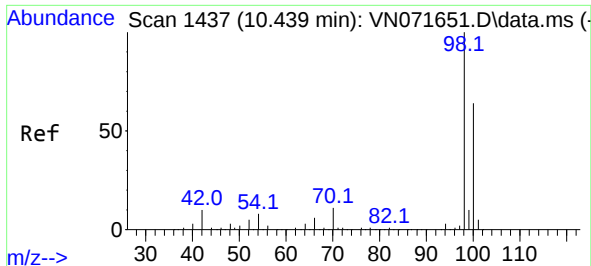
Tgt Ion: 83 Resp: 4081
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#



#48
Methyl methacrylate
Concen: 0.420 ug/l
RT: 9.504 min Scan# 1278
Delta R.T. -0.047 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 41 Resp: 2454
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#

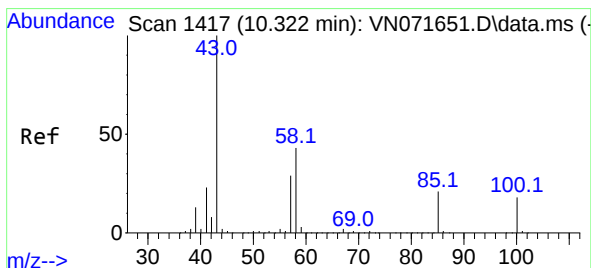
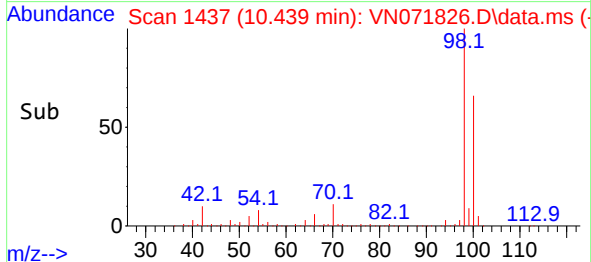
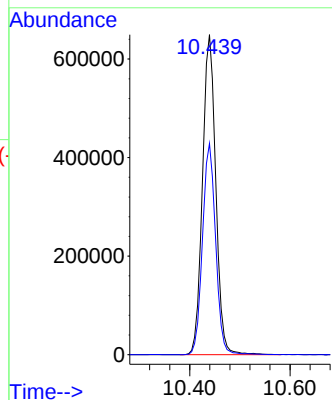
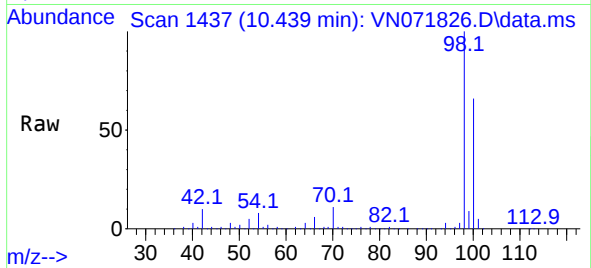




#50
Toluene-d8
Concen: 52.687 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

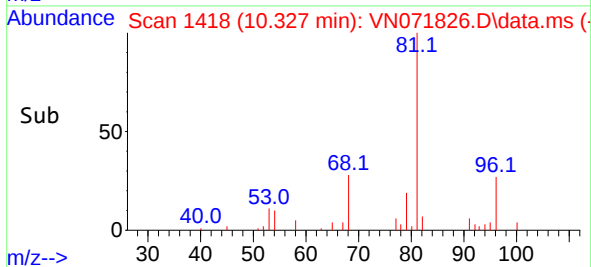
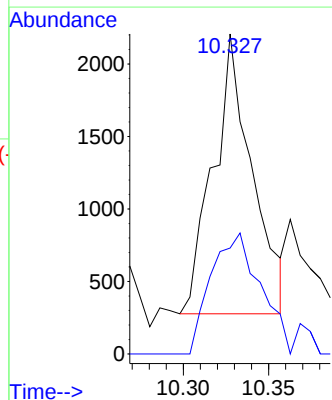
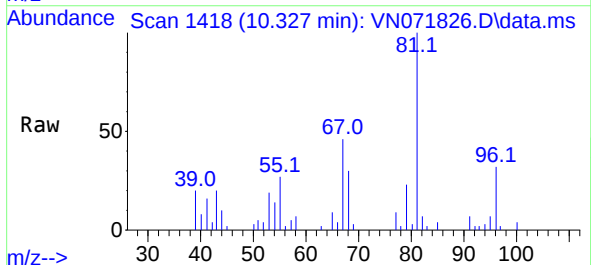
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

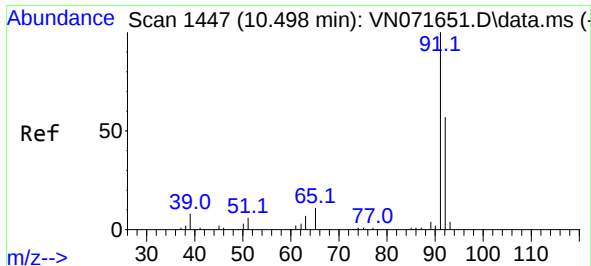
Tgt Ion: 98 Resp: 1195167
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.378 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.005 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 43 Resp: 3065
Ion Ratio Lower Upper
43 100
58 54.8 34.1 51.1#

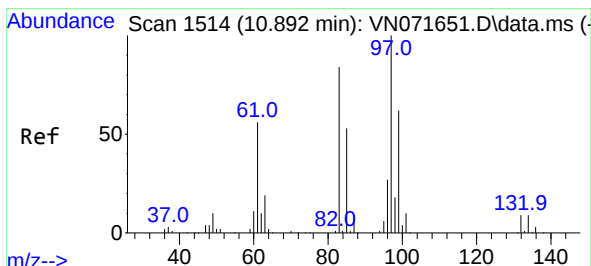
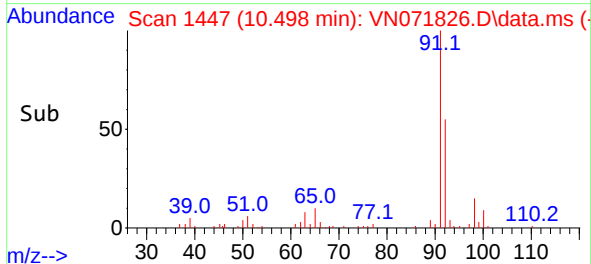
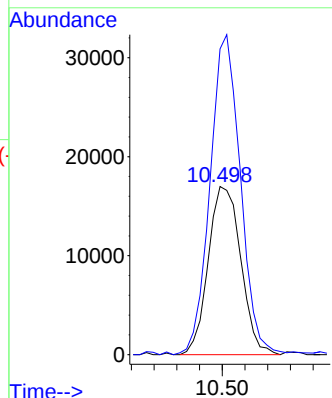
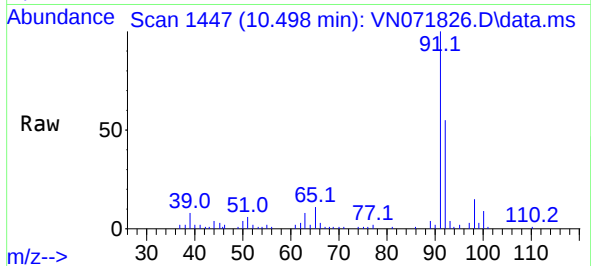




#52
Toluene
Concen: 2.188 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

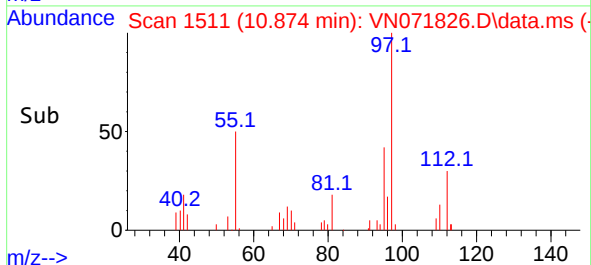
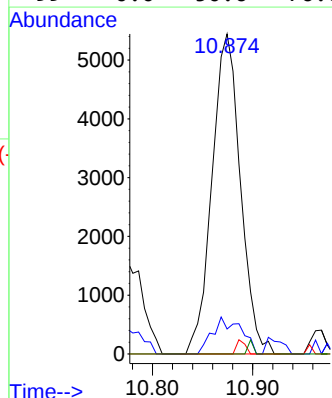
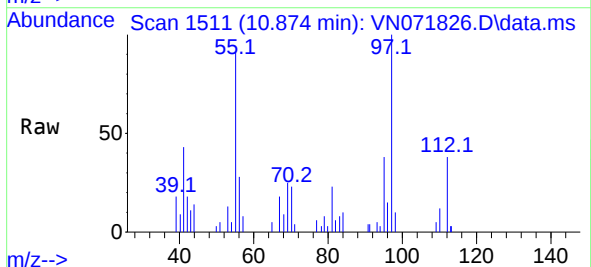
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

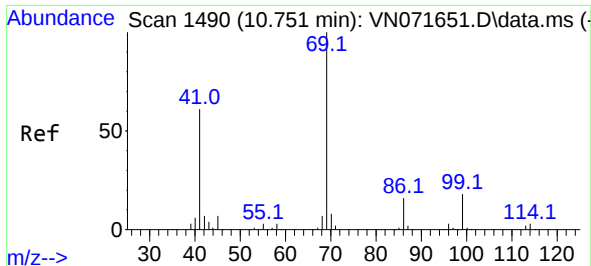
Tgt Ion: 92 Resp: 33826
Ion Ratio Lower Upper
92 100
91 178.3 138.6 207.8



#55
1,1,2-Trichloroethane
Concen: 1.685 ug/l
RT: 10.874 min Scan# 1511
Delta R.T. -0.018 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 97 Resp: 10725
Ion Ratio Lower Upper
97 100
83 7.8 66.2 99.4#
85 0.0 43.9 65.9#
99 0.0 50.6 76.0#

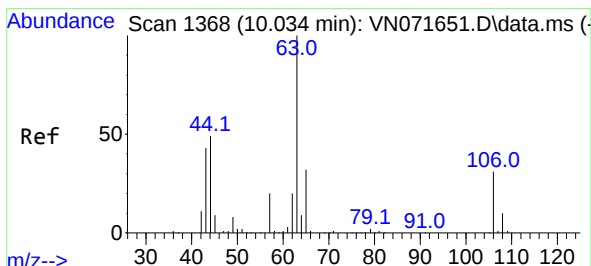
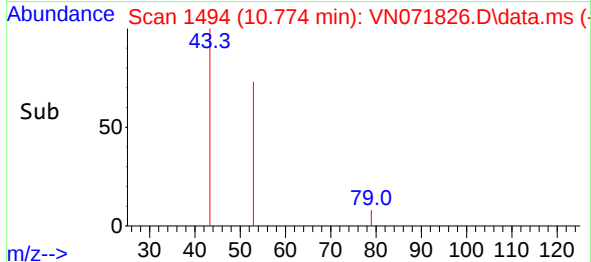
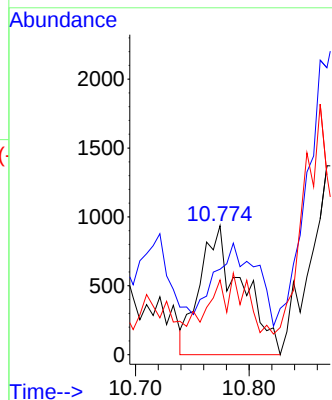
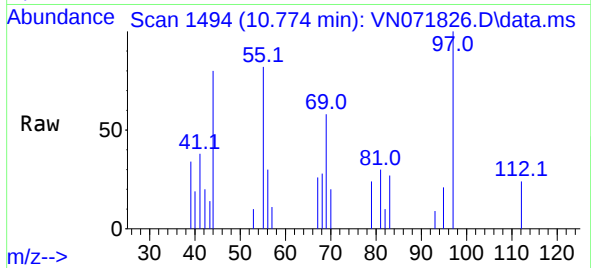




#56
Ethyl methacrylate
Concen: 0.263 ug/l
RT: 10.774 min Scan# 1494
Delta R.T. 0.023 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

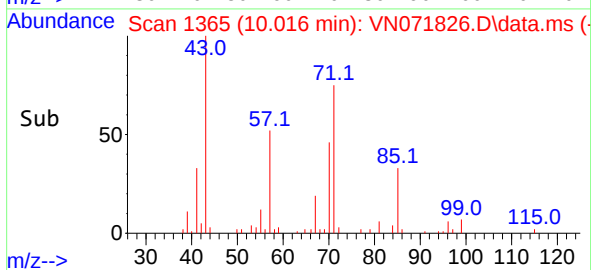
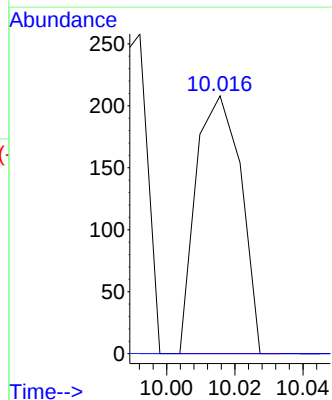
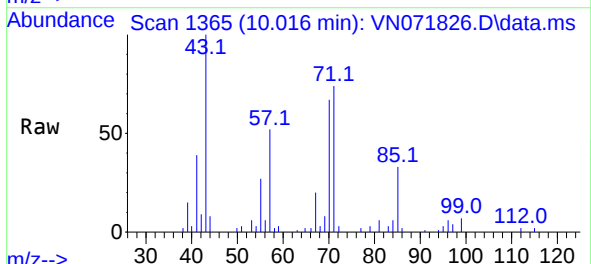
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

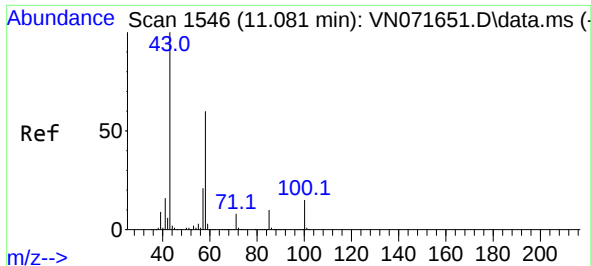
Tgt Ion: 69 Resp: 2392
Ion Ratio Lower Upper
69 100
41 63.6 47.8 71.6
39 13.6 27.3 40.9#



#58
2-Chloroethyl Vinyl ether
Concen: 17.030 ug/l
RT: 10.016 min Scan# 1365
Delta R.T. -0.018 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 63 Resp: 190
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

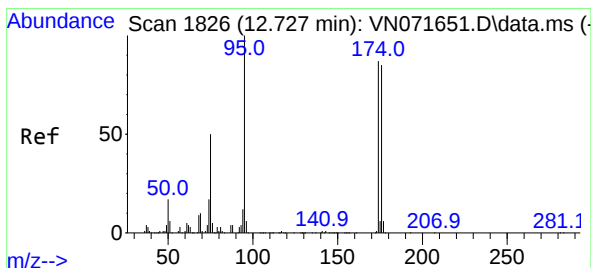
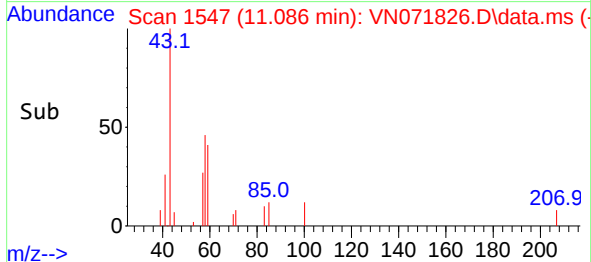
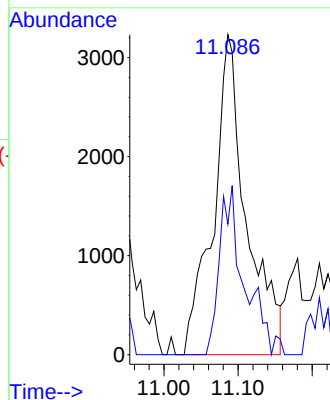
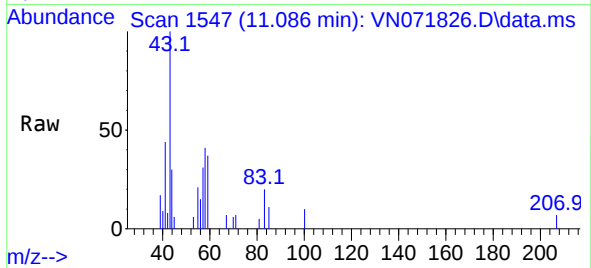




#59
2-Hexanone
Concen: 1.758 ug/l
RT: 11.086 min Scan# 11030
Delta R.T. 0.005 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

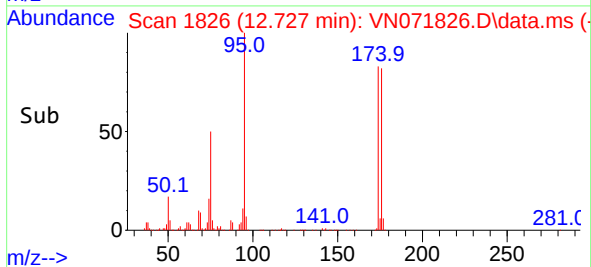
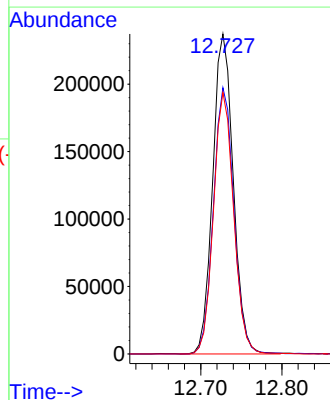
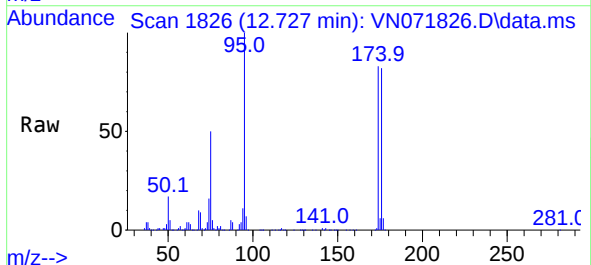
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

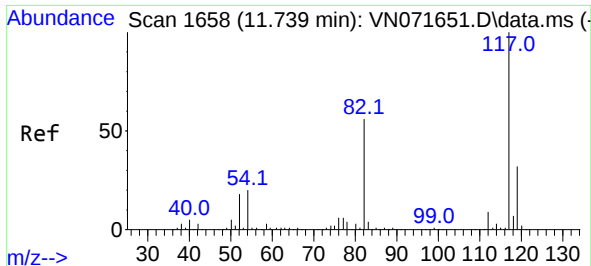
Tgt Ion: 43 Resp: 10030
Ion Ratio Lower Upper
43 100
58 31.7 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 56.815 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 95 Resp: 416819
Ion Ratio Lower Upper
95 100
174 83.1 0.0 167.6
176 80.4 0.0 163.4

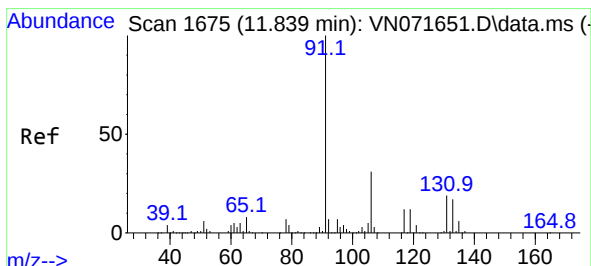
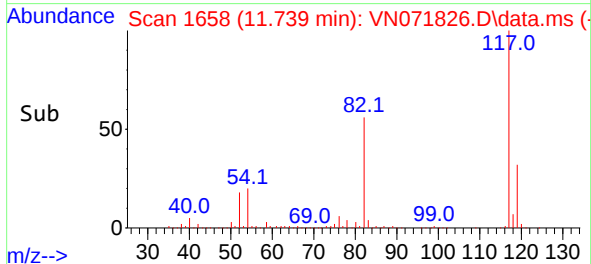
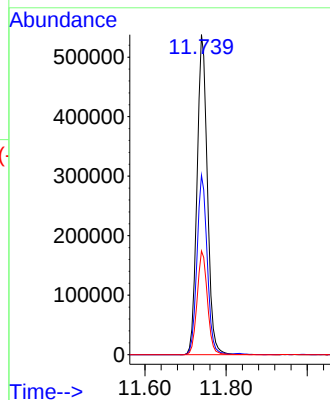
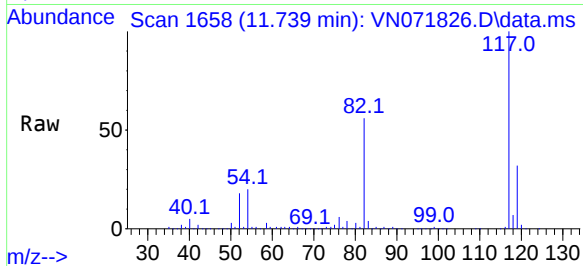




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

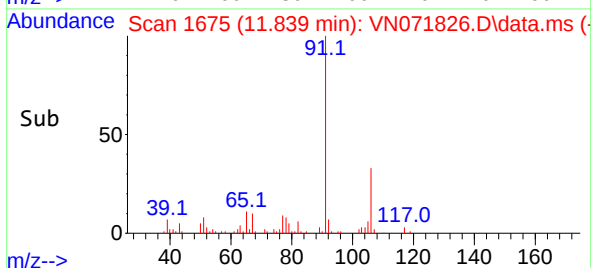
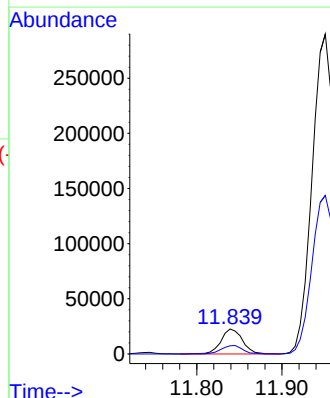
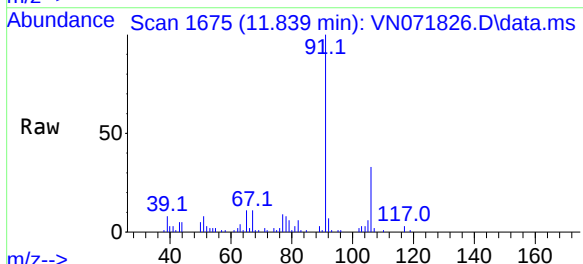
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

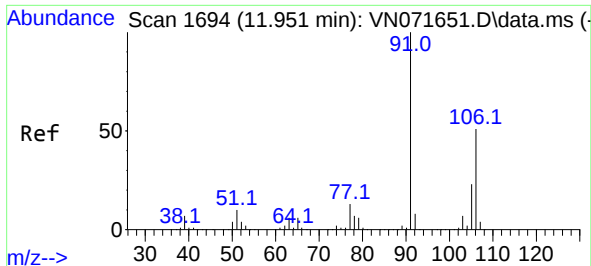
Tgt Ion:117 Resp: 955668
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.4 25.4 38.0



#67
Ethyl Benzene
Concen: 1.226 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 91 Resp: 39705
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

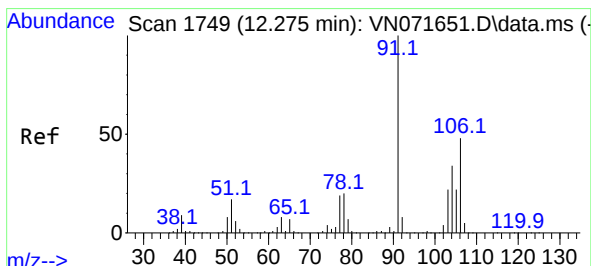
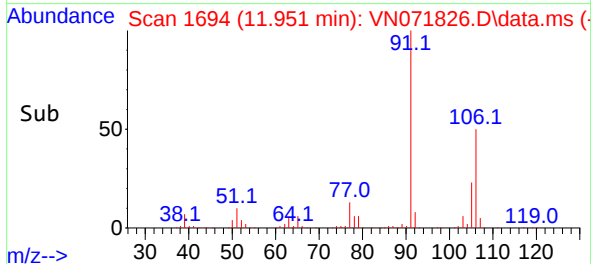
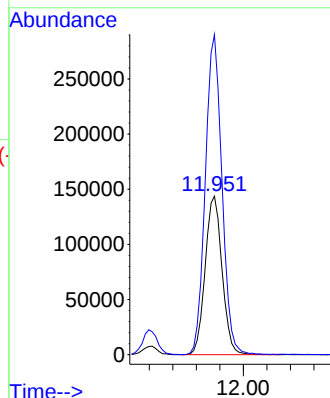
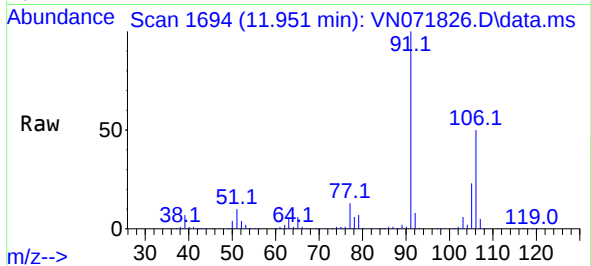




#68
m/p-Xylenes
Concen: 23.056 ug/l
RT: 11.951 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

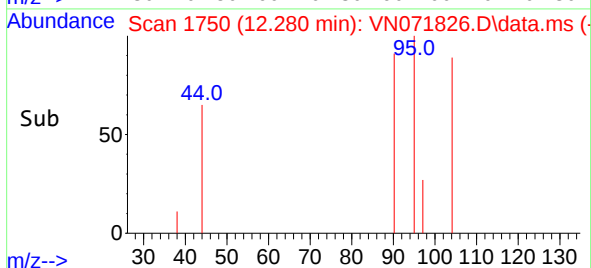
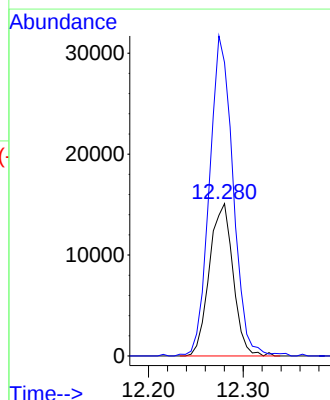
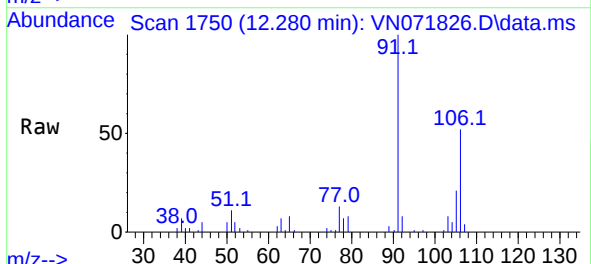
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

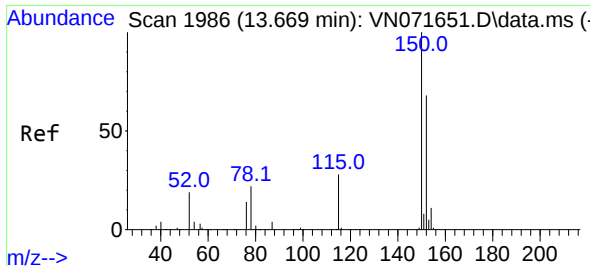
Tgt Ion:106 Resp: 286977
Ion Ratio Lower Upper
106 100
91 199.1 158.9 238.3



#69
o-Xylene
Concen: 2.127 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion:106 Resp: 26275
Ion Ratio Lower Upper
106 100
91 209.3 106.0 318.0

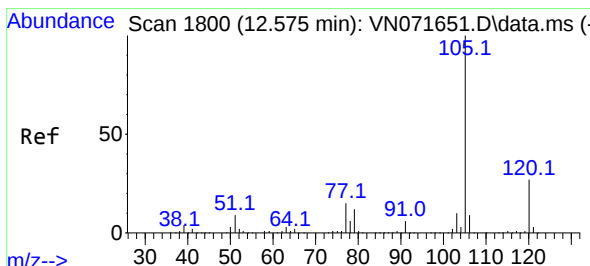
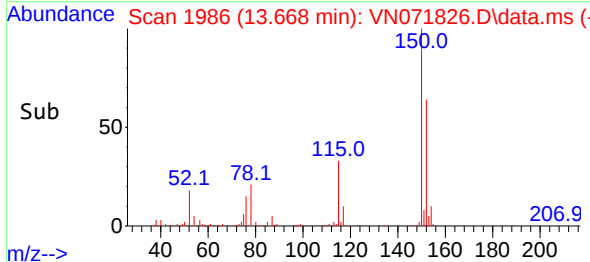
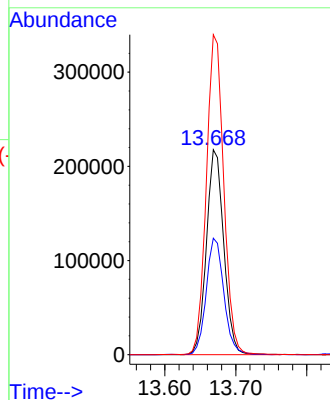
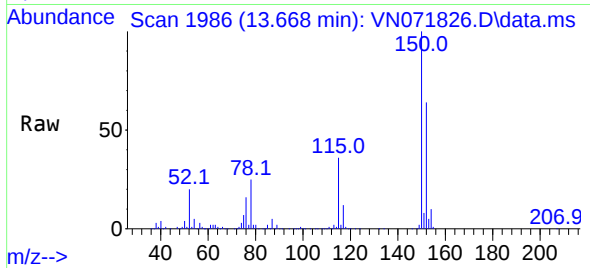




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

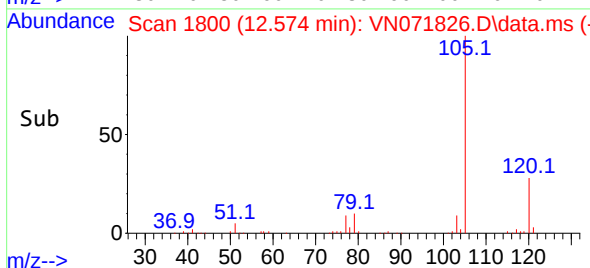
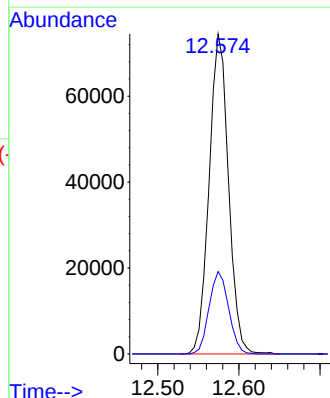
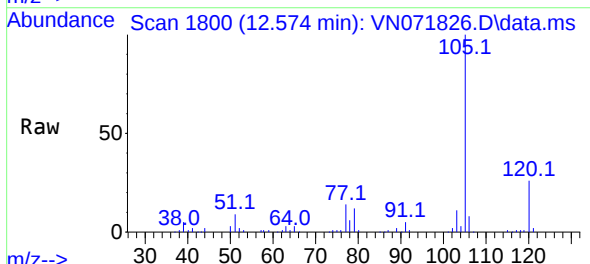
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

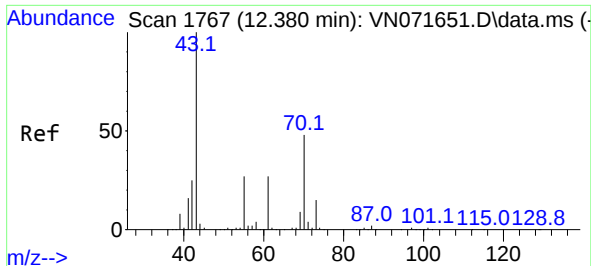
Tgt Ion:152 Resp: 368781
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.7
150 156.9 0.0 356.2



#73
Isopropylbenzene
Concen: 3.969 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion:105 Resp: 123338
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.4

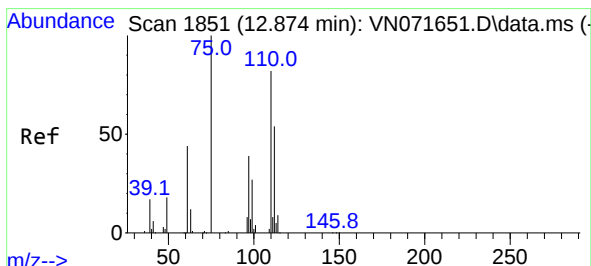
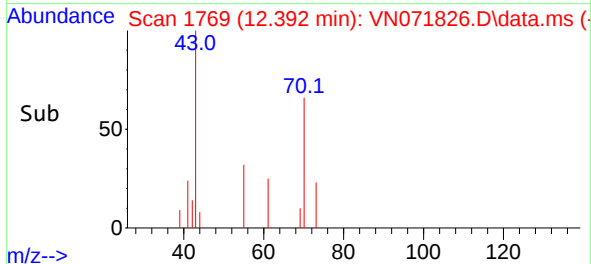
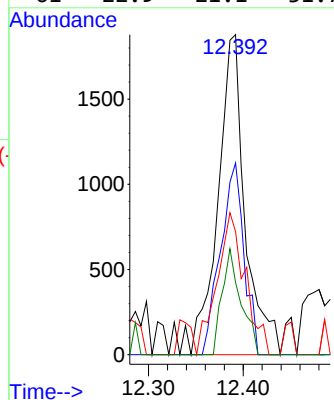
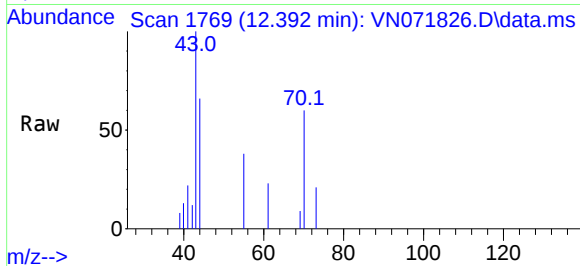




#74
N-amy1 acetate
Concen: 0.426 ug/l
RT: 12.392 min Scan# 1769
Delta R.T. 0.012 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

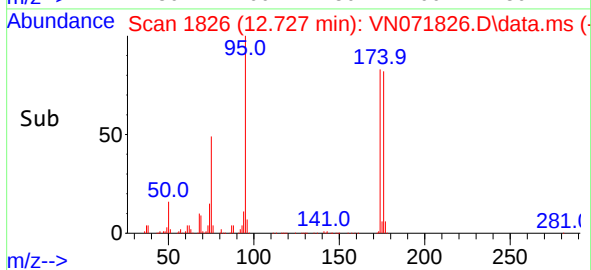
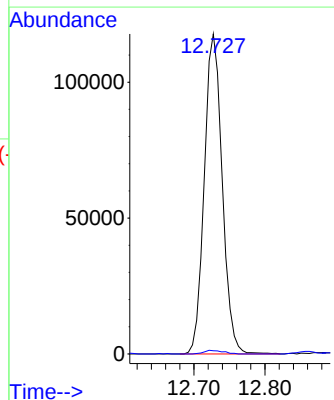
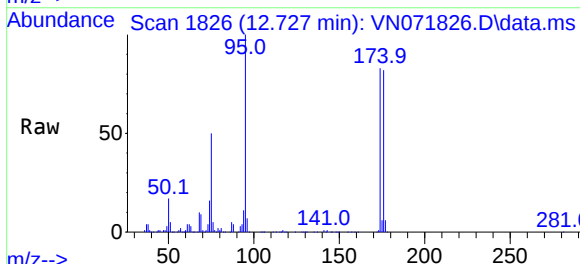
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

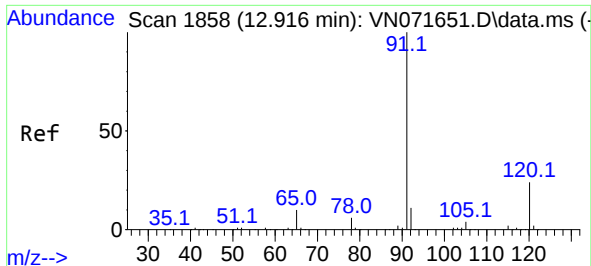
Tgt Ion: 43	Resp:	3789	
Ion	Ratio	Lower	Upper
43	100		
70	51.2	39.0	58.4
55	45.6	21.1	31.7#
61	22.9	21.1	31.7



#76
1,2,3-Trichloropropane
Concen: 24.228 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 75	Resp: 206985
Ion Ratio	Lower Upper
75 100	
77 1.2	98.5 295.5#

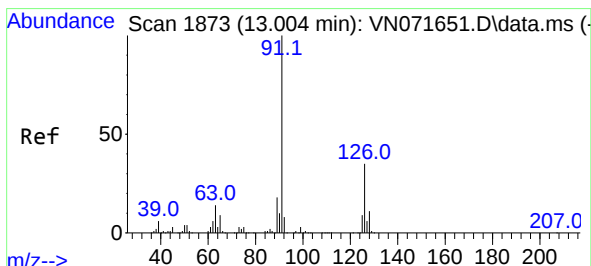
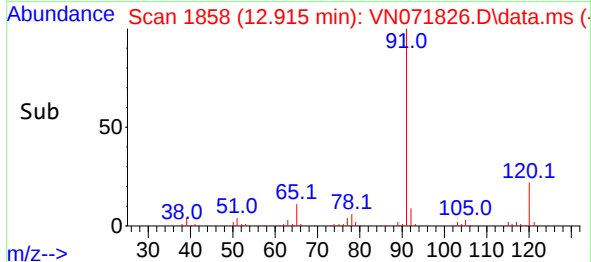
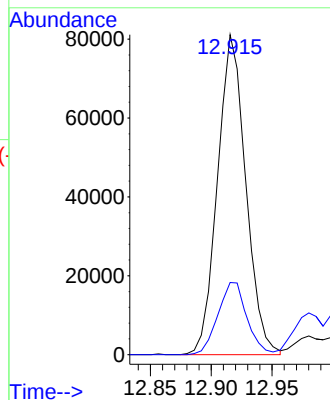
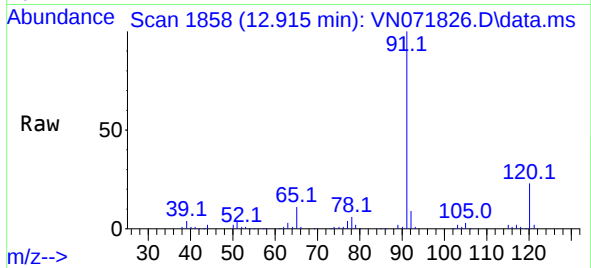




#78
n-propylbenzene
Concen: 4.011 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

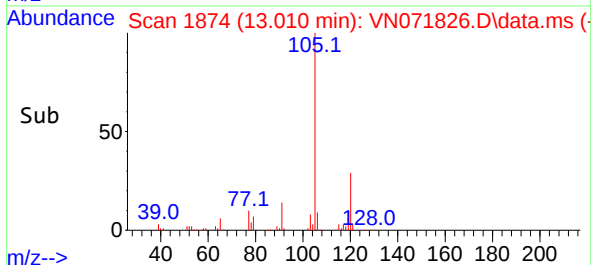
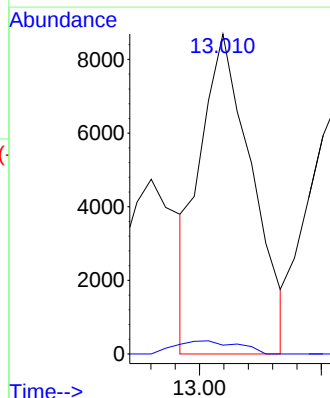
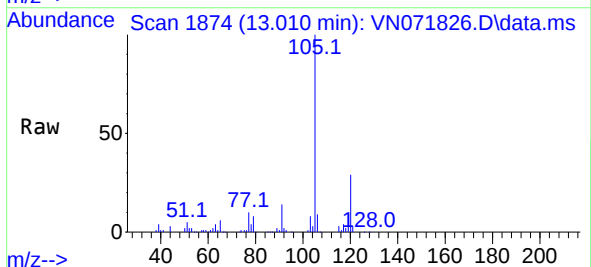
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

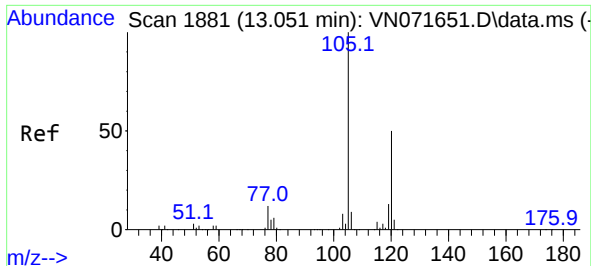
Tgt Ion: 91 Resp: 131114
Ion Ratio Lower Upper
91 100
120 23.2 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.613 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 91 Resp: 12842
Ion Ratio Lower Upper
91 100
126 5.0 17.3 51.9#

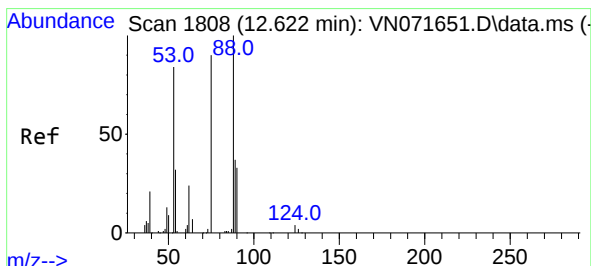
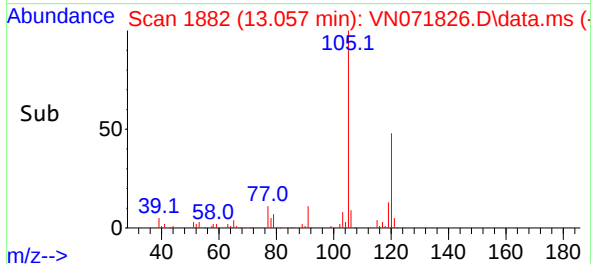
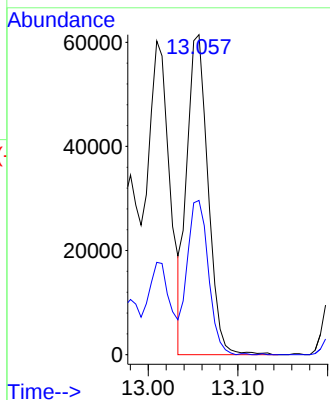
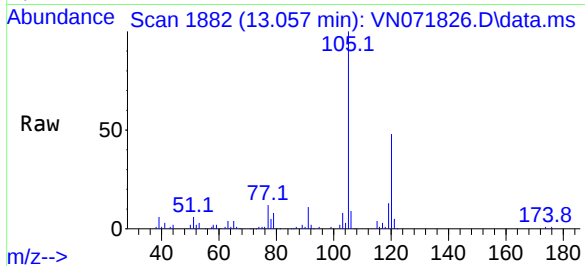




#80
1,3,5-Trimethylbenzene
Concen: 4.095 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

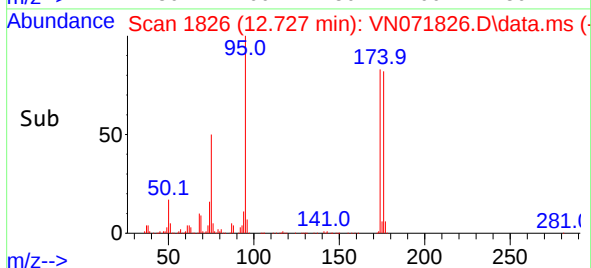
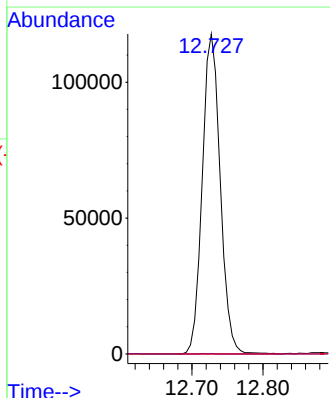
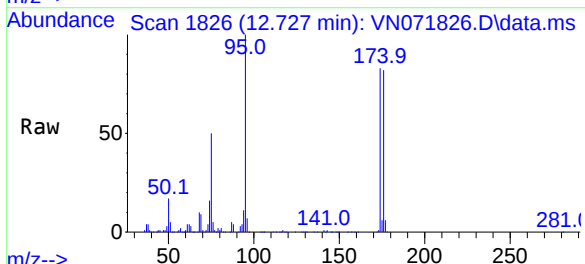
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

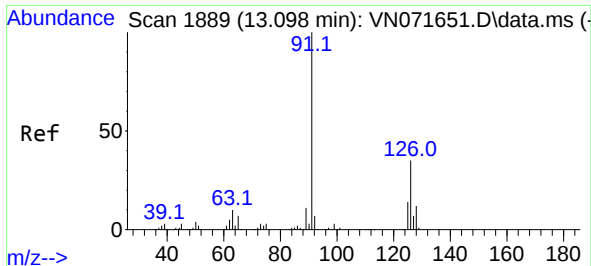
Tgt Ion:105 Resp: 100829
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 75.083 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 75 Resp: 206985
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

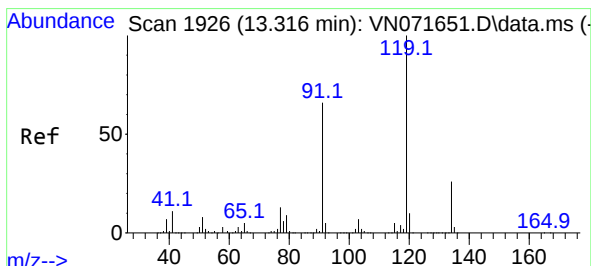
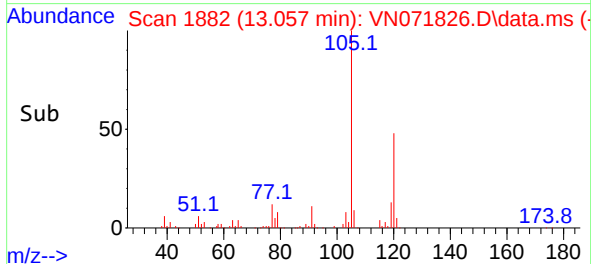
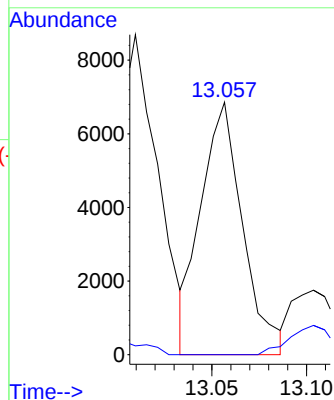
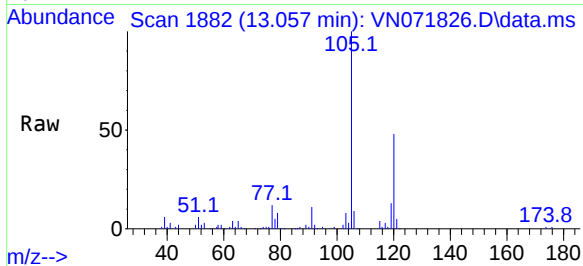




#82
4-Chlorotoluene
Concen: 0.542 ug/l
RT: 13.057 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

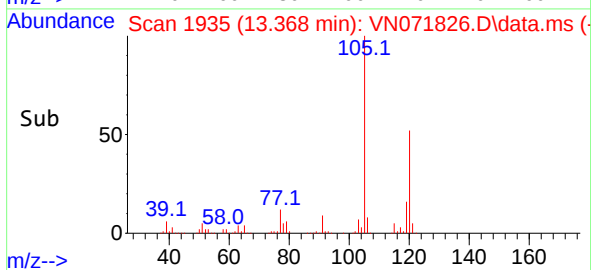
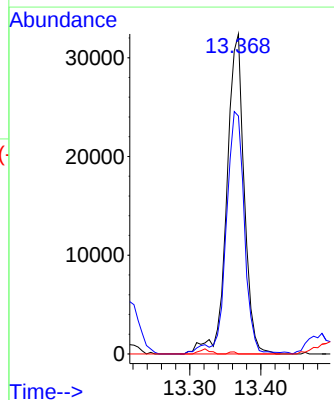
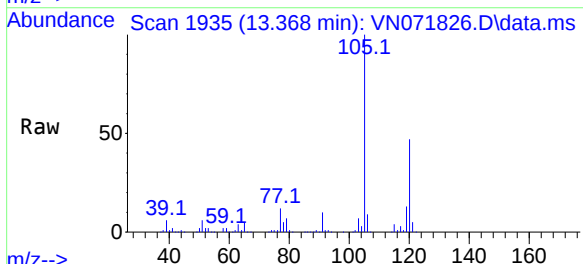
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

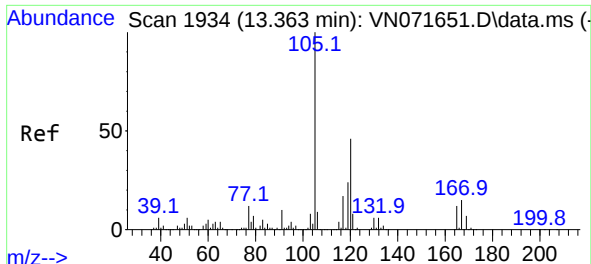
Tgt Ion: 91 Resp: 10535
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 2.442 ug/l
RT: 13.368 min Scan# 1935
Delta R.T. 0.052 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 119 Resp: 54963
Ion Ratio Lower Upper
119 100
91 79.7 31.6 94.8
134 0.3 13.7 41.1#

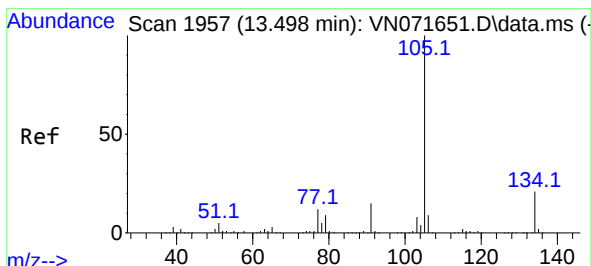
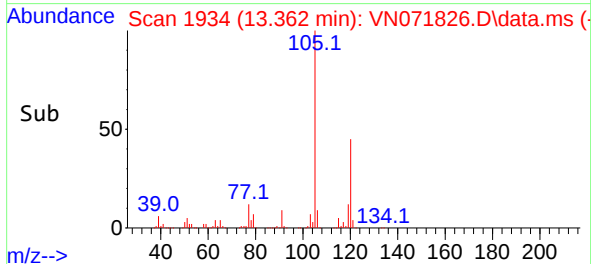
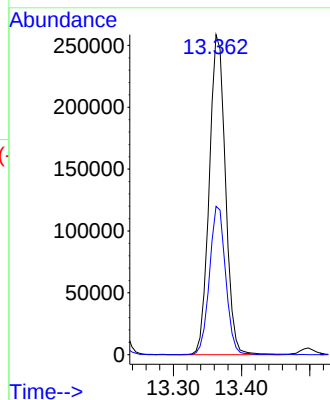
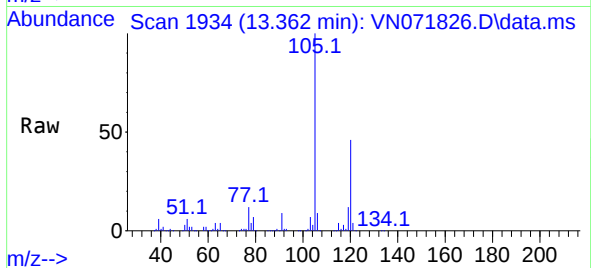




#84
1,2,4-Trimethylbenzene
Concen: 17.771 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

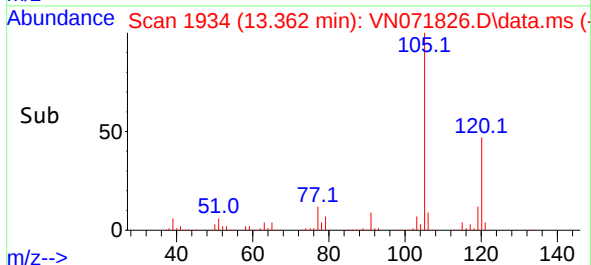
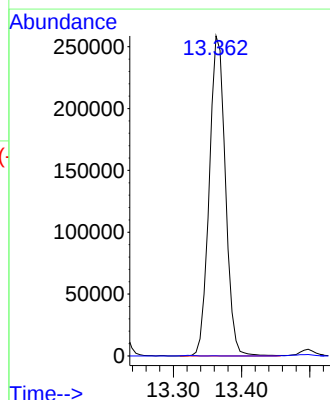
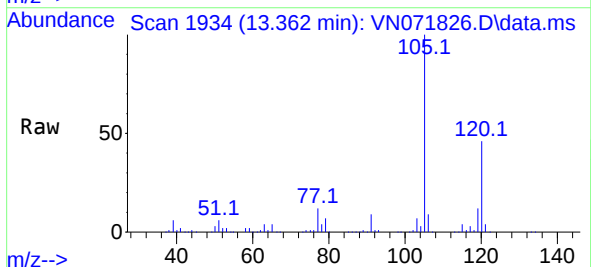
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

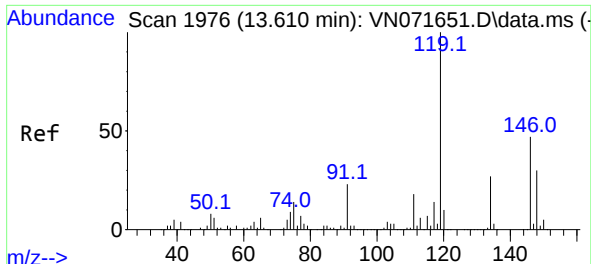
Tgt Ion:105 Resp: 426918
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8



#85
sec-Butylbenzene
Concen: 14.632 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.136 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion:105 Resp: 426918
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

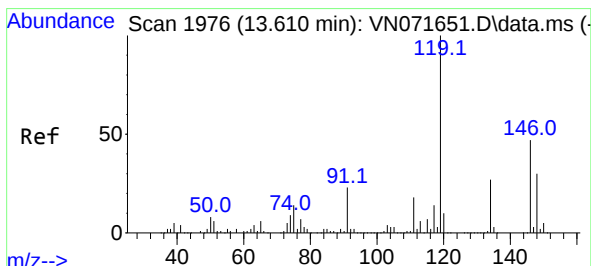
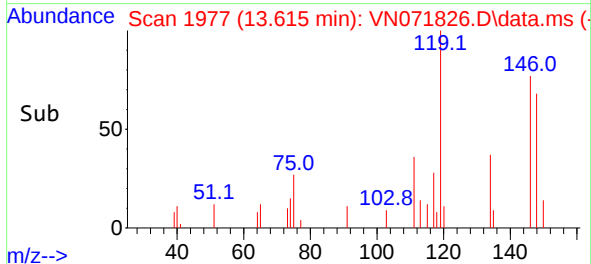
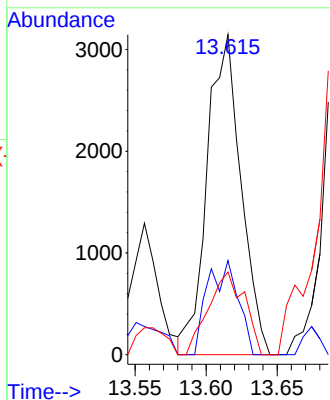
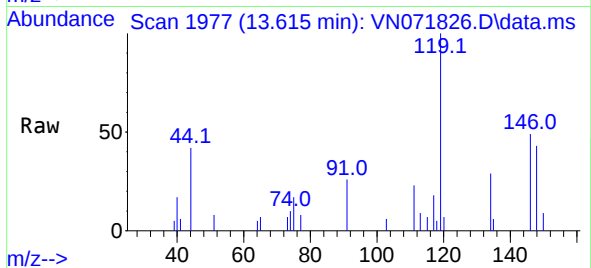




#86
p-Isopropyltoluene
Concen: 0.224 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.005 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

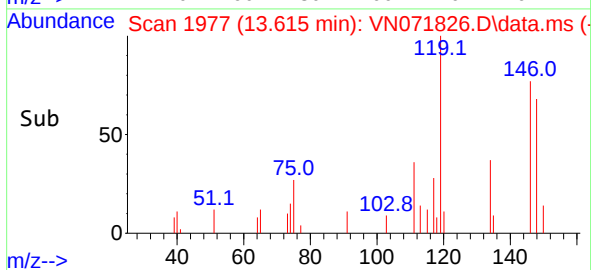
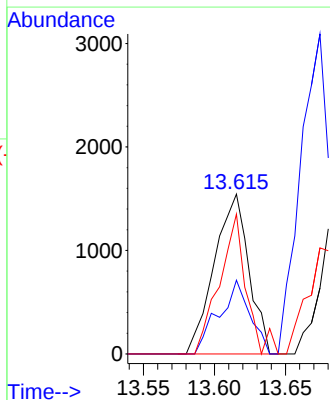
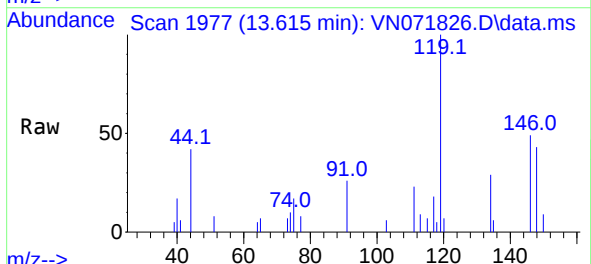
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

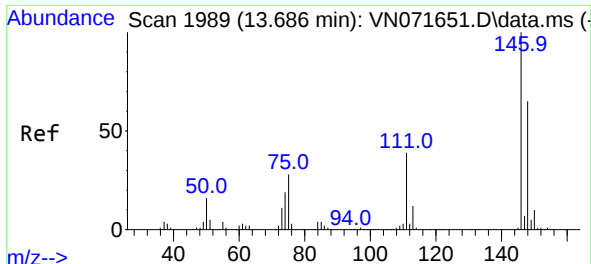
Tgt Ion:119 Resp: 5212
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.8
91 27.5 11.3 33.9



#87
1,3-Dichlorobenzene
Concen: 0.210 ug/l
RT: 13.615 min Scan# 1977
Delta R.T. 0.005 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion:146 Resp: 2609
Ion Ratio Lower Upper
146 100
111 41.6 20.0 60.0
148 68.0 32.0 96.0

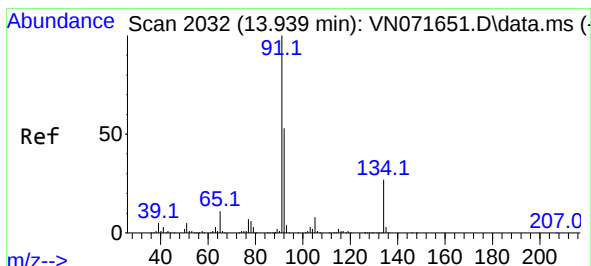
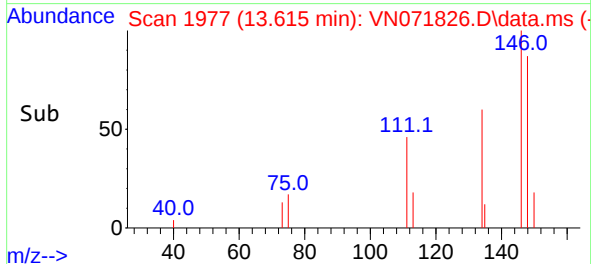
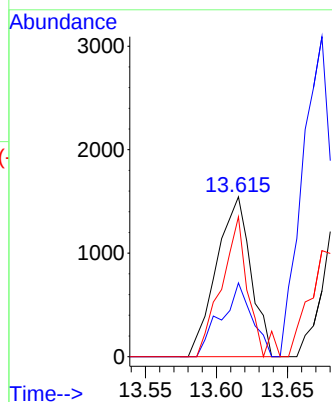
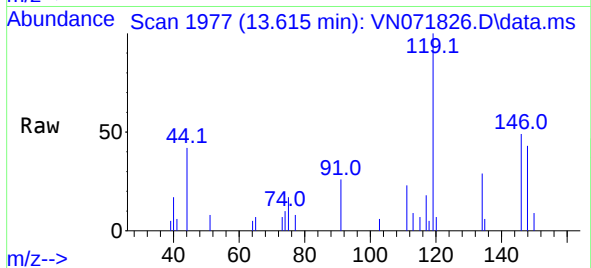




#88
1,4-Dichlorobenzene
Concen: 0.215 ug/l
RT: 13.615 min Scan# 1989
Delta R.T. -0.071 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

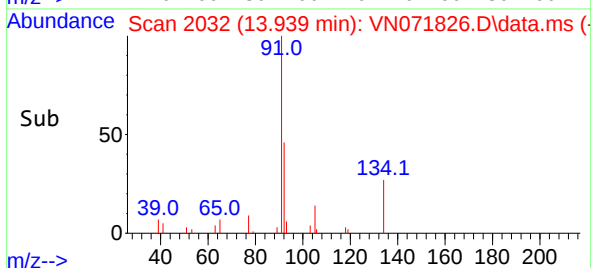
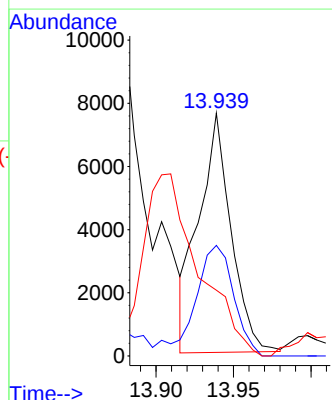
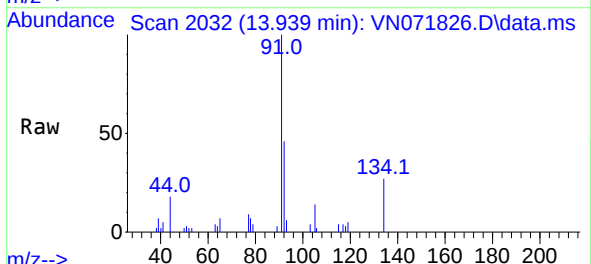
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

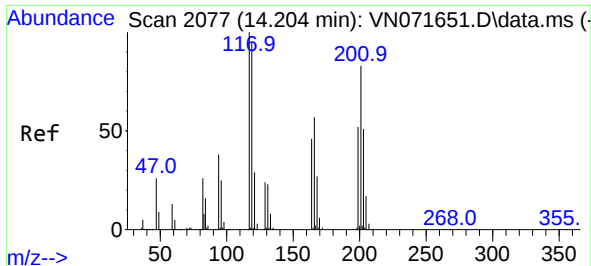
Tgt Ion:146 Resp: 2609
Ion Ratio Lower Upper
146 100
111 41.6 19.1 57.1
148 68.0 31.4 94.3



#89
n-Butylbenzene
Concen: 0.638 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion: 91 Resp: 11005
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 0.0 13.6 40.8#

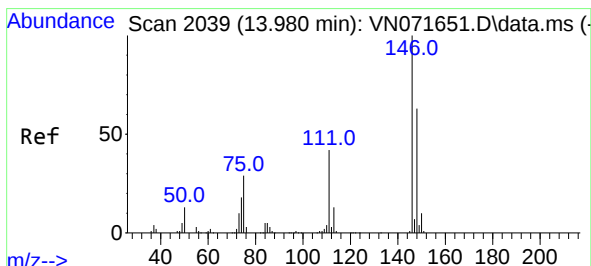
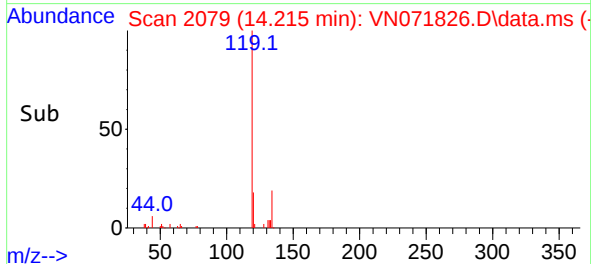
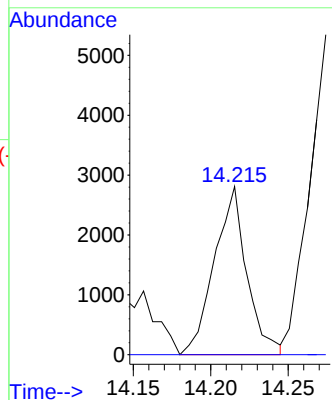
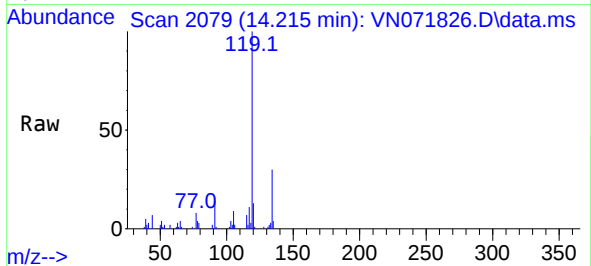




#90
Hexachloroethane
Concen: 0.960 ug/l
RT: 14.215 min Scan# 2077
Delta R.T. 0.011 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

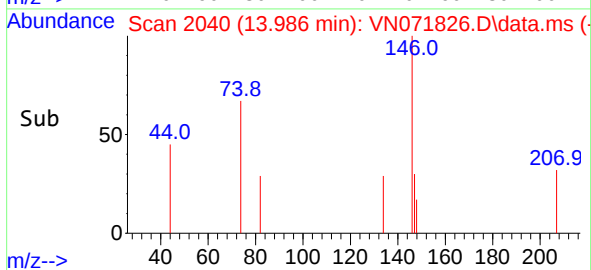
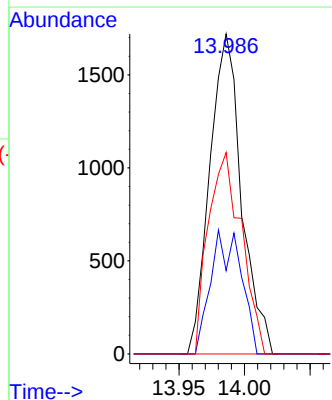
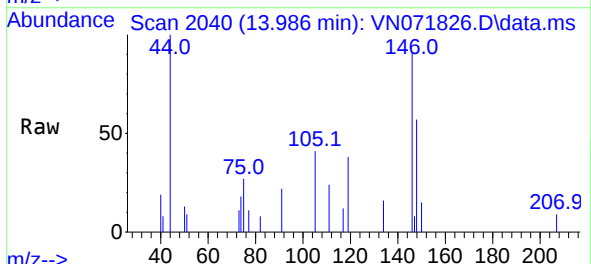
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

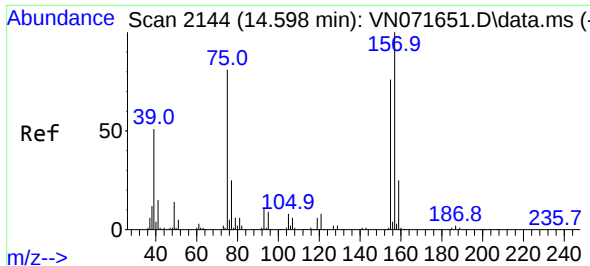
Tgt Ion:117 Resp: 4090
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.238 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion:146 Resp: 2895
Ion Ratio Lower Upper
146 100
111 36.8 20.9 62.8
148 65.7 32.1 96.3





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.382 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071826.D

Acq: 04 Apr 2022 12:37

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

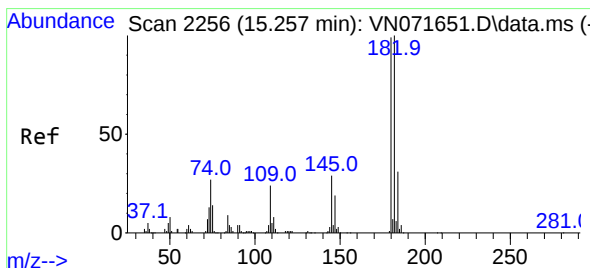
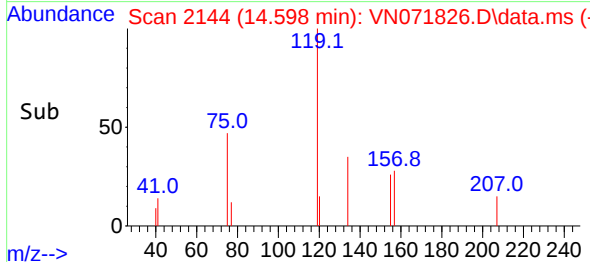
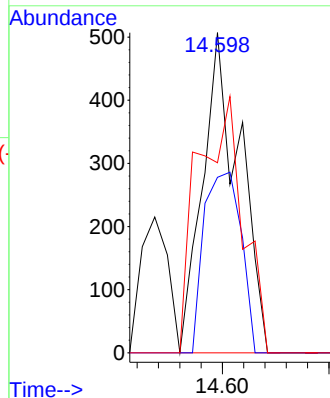
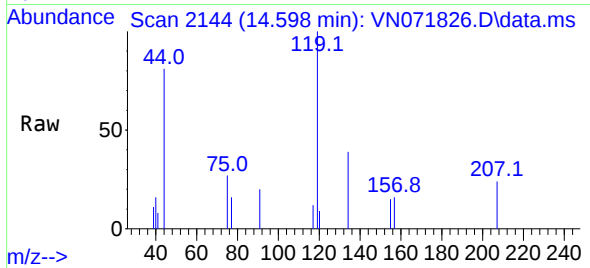
Tgt Ion: 75 Resp: 614

Ion Ratio Lower Upper

75 100

155 56.5 44.9 134.5

157 96.4 59.0 176.8



#93

1,2,4-Trichlorobenzene

Concen: 2.833 ug/l

RT: 15.256 min Scan# 2256

Delta R.T. -0.001 min

Lab File: VN071826.D

Acq: 04 Apr 2022 12:37

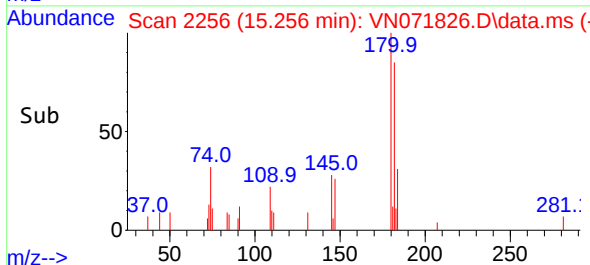
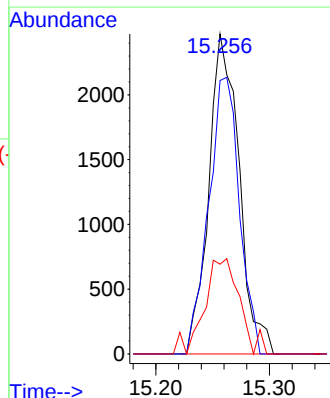
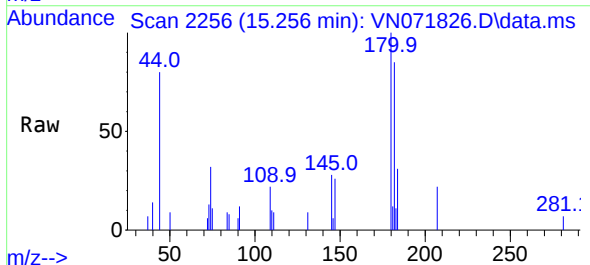
Tgt Ion: 180 Resp: 4576

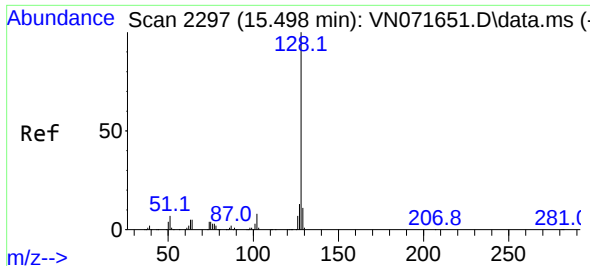
Ion Ratio Lower Upper

180 100

182 87.6 47.5 142.5

145 34.8 14.5 43.5

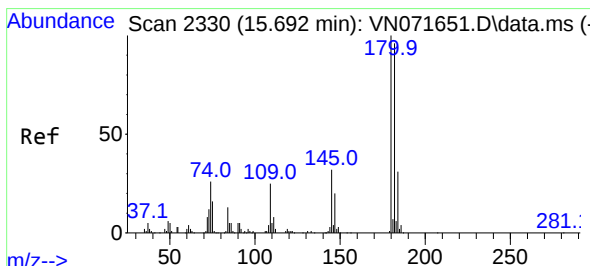
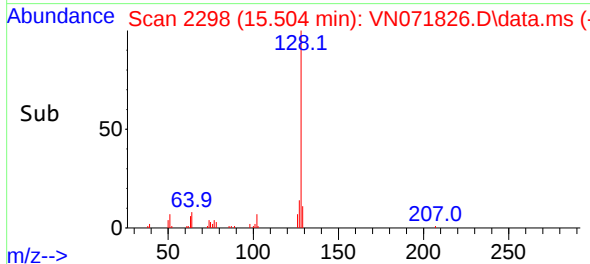
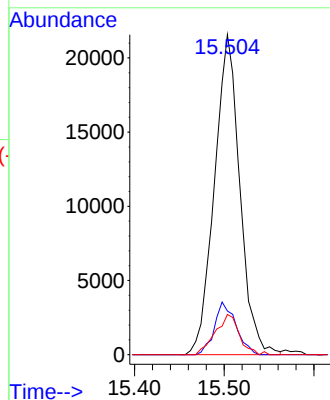
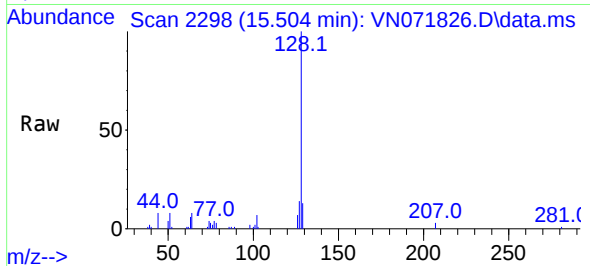




#95
Naphthalene
Concen: 6.138 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Instrument :
MSVOA_N
ClientSampleId :
MW-4DL

Tgt Ion:	128	Resp:	42438
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.3	15.5
129	11.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.291 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071826.D
Acq: 04 Apr 2022 12:37

Tgt Ion:	180	Resp:	5240
Ion	Ratio	Lower	Upper
180	100		
182	88.4	47.8	143.3
145	30.5	15.5	46.5

